

# BEECHER HIGH SCHOOL



## REGISTRATION GUIDE

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## REGISTRATION PROCESS

This Registration Guide is designed for students and parents. Each year, students should seriously consider their educational career goals and develop a program of study and work toward accomplishing those goals. In planning for the school year, students and parents should consider:

1. Do the courses under consideration meet graduation requirements?
2. Do the courses under consideration meet each student's needs for an anticipated college or career choice?
3. Do the courses under consideration match each student's ability level and expand or develop his or her interests?

This guide will help students and parents plan a high school program based on these selected goals. Parents are encouraged to be actively involved in their student's course selection process for the upcoming year by:

1. Reading and discussing this Registration Guide with their student.
2. Reviewing their student's progress via PowerSchool.
3. Discussing appropriate course selection with the student's current teachers and counselor.

## REGISTRATION INFORMATION

### School Year

The school year consists of four quarters. Some courses are semester long while others are offered for the entire year.

### Academic Credit

A student receives one-half (0.5) credits for each academic course successfully completed during one semester.

### Prerequisite

A course that must be completed before a student may be permitted to enroll in other courses.

All students are required to enroll in seven (7) courses per semester. Kankakee Area Career Center (KACC) classes are considered the equivalent of three (3) elective courses. Variations from this policy will be allowed only in unusual situations and only after permission of the principal and/or as part of a team-developed educational plan (e.g. IEP, 504, RtI, ELL, etc.). Seniors in good standing, with parent permission, will have the option of participating in Independent Study, School To Work, and/or Early College Institute (ECI) programs.

## GRADE CLASSIFICATION AND GRADUATION REQUIREMENTS

All graduating classes will be required to have 24.0 credits to meet graduation requirements. Class standing and retention is based on the criteria below. Students are assigned lockers, lunch periods, and Study Hall classes based on their class standing, which is also reflected in PowerSchool and on official state reports. Completion of correspondence, online, and/or credit recovery coursework may also affect class standing.

### Class Standing Criteria

Sophomore:	6.0 Credits
Junior:	12.0 Credits
Senior:	18.0 Credits

## GRADUATION REQUIREMENTS

### Required Courses For Graduation

English	4.0 Credits
Mathematics *	3.0 Credits
Science **	3.0 Credits
Social Studies	3.0 Credits
Physical Education	3.0 Credits
Health	0.5 Credits
Driver Education	0.5 Credits
Consumer Education	0.5 Credits
Electives ***	6.5+ Credits

\* Mathematics coursework must be completed in Algebra I and Geometry.

\*\* Science coursework must be completed in Biology, Chemistry, and Physics.

\*\*\* Minimum of one credit in vocational, foreign language, music, or art.

### Other Requirements for Graduation

Community Service 24.0 Hours

Hours earned for participation in class events in preceding years (Pancake Breakfast, Spaghetti Supper, etc.) may be counted towards this requirement if properly documented.

Community service may be done for governmental or educational programs, religious groups if non-proselytizing in nature, or non-profit organizations. Community Service cannot be done for family or relatives, neighbors unless disabled or senior citizens, employers, private businesses, or any for-profit organization.

In addition to the above requirements, the state law of Illinois requires that the United States and Illinois Constitution Tests be passed in order to graduate from high school. The Illinois and U.S Constitution test will be administered in freshmen Civics.

Also, students are required to complete two years of writing intensive courses. This requirement is typically satisfied during sophomore and senior English classes, which are World Literature & Composition and British Literature & Composition or their equivalents.

Illinois public universities may require all entering college freshmen have two or more years of foreign language.

## SPECIFIC PROGRAM REQUIREMENTS

### Driver Education

Driver Education Classroom and Behind-the-Wheel are open

to all students who have attained sophomore status of 6.0 credits. In order to comply with the state mandate, students will be scheduled into Driver Education based on age. The following generalities have been established:

### Permit Phase (Drivers Age 15)

1. Permit is valid for two years and must be held for a minimum of nine months before a license is granted.
2. Parent or adult age 21 or older must supervise practice driving.
3. All occupants under age 18 must wear safety belts.
4. Number of passengers limited to one in front seat and to the number of safety belts in back seat.
5. 5. 11 P.M. curfew Sunday-Thursday; midnight Friday and Saturday (local curfews may differ).
6. Legal blood alcohol content (BAC) limit is .00.

### Initial Licensing Phase (Drivers Age 16-17)

1. Parent must verify that a minimum 50 hours of behind-the-wheel practice has taken place.
2. All occupants under age 18 must wear safety belts
3. Number of passengers limited to one in front seat and to the number of safety belts in back seat.
4. 11 P.M. curfew Sunday-Thursday; midnight Friday and Saturday (local curfews may differ).
5. Legal blood alcohol content (BAC) limit is .00.

### Full Licensing Phase (Drivers Age 18-20)

1. Legal blood alcohol content (BAC) limit is .00.

## P.E. EXEMPTION POLICY

Illinois School Code provides special circumstances by which school districts can authorize student exemption from the daily physical education (PE) by official school board policy. In this regard, exemptions from physical education instruction at the 12th grade level may be granted for those students in the following situations:

1. Students who participate in an interscholastic athletic program, including cheerleading and marching band.
2. Students, who, in order to be granted admission to a specific institution of higher learning, must complete a specific academic course not included in existing state or local graduation standards.
3. Students who lack sufficient course credit or lack one or more specific courses in order to meet state and/or local graduation requirements.
4. Students with Individualized Education Programs (IEP's) that require special education support services to be delivered during physical education time.

## GRADING EXPLANATION

The following scales are the school-wide accepted grading scales depending on the level of course.

GRADE	WEIGHTED
A+	99 – 100
A	93-98
A-	90-92
B+	87-89
B	83-86
B-	80-82
C+	77-79
C	73-76
C-	70-72
D+	67-69
D	63-66
D-	60-62
F	0-59

### WEIGHTED COURSES

Weighted courses are advanced courses that are academically challenging. Weighted grades will be given to students receiving A, B, C, or D only. Students receiving a failing grade will not receive a weighted grade. Students desiring a program of academic excellence should take the Honors and Advanced Placement (AP) courses listed below:

Freshman English Honors  
 World Literature & Composition Honors  
 American Literature & Composition Honors  
 British Literature & Composition Honors  
 AP English Language & Composition  
 AP English Literature & Composition  
 Algebra I Honors                      Geometry Honors  
 Algebra II Honors  
 Pre-Calculus & Trigonometry Honors  
 AP Calculus AB                      Civics Honors  
 Economics Honors                      AP World History  
 AP United States History                      Biology Honors  
 Chemistry Honors                      Physics Honors  
 Anatomy & Physiology Honors                      AP Biology  
 Concert Band Honors                      Concert Choir Honors  
 Spanish IV Honors  
 AP Physics

## G.P.A./CLASS RANK

Grade Point Average (GPA) is based on a 4.33 scale. Computation of GPA is done at the conclusion of each semester. Honors courses receive higher weights than those in the regular curriculum, with AP weighted higher than Honors.

GRADE	REGULAR GPA	HONORS GPA	AP GPA
A+	4.33	4.83	5.33
A	4.00	4.50	5.00
A	3.66	4.16	4.66
B	3.33	3.83	4.33
B	3.00	3.50	4.00
B	2.66	3.16	3.66
C	2.33	2.83	3.33
C	2.00	2.50	3.00
C	1.66	2.16	2.66
D	1.33	1.83	2.33
D	1.00	1.50	2.00
D	.66	1.16	1.66
F	0	0	0

## STUDY HALL

All Beecher High School students are automatically enrolled in Study Hall, an advisory class that functions as an independent work period and permits them to seek extra support from teachers. Study Halls are scheduled opposite lunch and allow for participation in a variety of programs and activities during the regular school day, including Peer Tutors, Bobcat Pride, class meetings, the Freshmen Moving Forward mentoring program, and SAT preparation. School announcements and news broadcasts are also shared during the daily Study Hall periods.

## STUDENT SCHEDULE CHANGES

Student's schedules will be arranged in the spring prior to the following school year. Schedules will be created based on student needs and requests. While administration will do everything to create a schedule based on student requests, it may be that the student is not able to take the elective of his or her choice. Schedule changes will only be allowed during the designated time allotted by the school. **Changes after the deadline will only be administratively driven.**

## **MAKE-UP COURSES**

Correspondence, online via Edgenuity, or Summer school courses may be taken through any pre-approved institutions. Approval must be obtained through the guidance office at Beecher High School prior to registration.

## **STUDENT HEALTH REQUIREMENTS**

A ninth grade student or a student transferring to Beecher High School who is enrolling on the first day of the school year must have on file a record of his/her physical examination and a current immunization record. Failure to comply by the first full school day may result in the student being excluded from Beecher High School until the health requirement is fulfilled.

A ninth grade student or a student transferring to Beecher High School after the start of the school year must have on file within 30 days a record of his/her physical examination and an updated immunization record. Failure to comply will result in the student being excluded from school until the health requirement is fulfilled

## **SPECIAL EDUCATION PROGRAM**

Beecher Community Unit School District 200U is responsible for identifying, locating, and evaluating all children with disabilities who reside within their attendance boundaries. District 200U has specific procedures for actively identifying, locating, and evaluating children who might be eligible for special education programs and services. The district has a Pupil Personnel Service (PPS) Team, which is comprised of the school principal, special education coordinator, school psychologist, social worker, classroom teacher(s), special education teacher(s), and related service providers. The PPS Team meets regularly to review any referrals to determine if a student is eligible for special education programs and/or services. If a referral for a case study evaluation is made, written parental consent will first be obtained. At the completion of the assessment process, an individual education program conference will be held to discuss the results of the evaluations and to determine eligibility for special education programs and services.

Parents who believe their child may have a disability should make their request in writing to the building principal. Pertinent information regarding the nature of the child's problems should be included in the written request. After the PPS Team determines the appropriateness of the referral, the parent will be notified in writing as to whether or not a case study evaluation will be conducted.

## **PROGRAMS OF STUDY**

Prior to choosing a program, a student and his/her parents or guardian should do the following:

1. Read all the explanatory material very carefully.
2. Review all programs of study.
3. Discuss past academic performance relative to current personal interests, including career goals.
4. Meet with the guidance counselor for a conference and decided on a program of study.
5. Meet or call the guidance counselor with any questions.

### **CAREER TECH PROGRAM**

The Career Tech Program is intended for students who will commit to a planned sequence of study that integrates college preparatory course work with technical education preparation. Career Tech prepares students with the skills and competencies necessary to meet performance standards that qualify them for entry-level jobs following a course of study at a community college.

In addition, the Career Tech Program will meet the needs of the students who wish to pursue career studies such as computer-aided drafting (CAD), health care, firefighting, law enforcement, cosmetology, welding, automotive technology, and other technical related careers by providing a variety of learning opportunities and experiences through Kankakee Area Career Center (KACC).

### **ACADEMIC PROGRAM**

The Academic Program is intended for students who plan to obtain a four-year college degree. Program requirements thus include essential study in English, science, mathematics, social science, foreign language, fine arts, and vocational education. Extended opportunities are offered in areas of personal and career interest.

In addition, students would also have to meet the minimum requirements such as class rank and ACT/SAT requirements as established by the university. The plan of study also applies to students who wish to transfer from a two-year community college for baccalaureate-orientated programs.

### **HONORS PROGRAM**

The Honors Program is intended for those students who will need to meet rigorous college entrance requirements and who plan to pursue various academic and professional goals in college. The honors student must be a serious student who has identified goals requiring one or more college degrees. The Honors Program is an intensive college preparatory experience that should fulfill the requirements of selective schools. Most likely, students in the Honors Program intend to pursue pre- professional programs in law, medicine, business, engineering, or education.

Although it is not a requirement of the plan of study, students in the Honors Program should enroll in all Advanced Placement (AP) courses, four years of mathematics and science, and three to four years of foreign language. In addition, students should enroll in at least two years of computer application courses.

## **CAREER TECH PROGRAM BEECHER HIGH SCHOOL**

This program of study is only a suggested plan. Alteration to this plan are acceptable based on interest, ability, and needs of the student.

### **Freshman**

1. Freshman English
2. Civics
3. Biology
4. Algebra I Team (or higher)
5. PE
6. Elective
7. Elective

### **Sophomore**

1. World Literature & Composition
2. World History
3. Chemistry
4. Geometry (or higher)
5. Health/Driver's Education/PE
6. Elective
7. Elective

### **Junior**

1. KACC
2. KACC
3. KACC
4. American Literature & Composition
5. PE
6. Environmental Science
7. Algebra II (or higher)

### **Senior**

1. KACC
2. KACC
3. KACC
4. Applied English and Communication
5. PE
6. U.S. History
7. Elective

## **Graduation Requirements**

English (4.0 Credits)

Social Studies (3.0 Credits)

Science (3.0 Credits)

Physical Education/Health/DE (4.0 Credits)

Consumer Education (0.5 Credits)

Mathematics (3.0 Credits)

Successful Completion of Illinois & US Constitution Tests

**ACADEMIC PROGRAM  
BEECHER HIGH SCHOOL**

This program of study is only a suggested plan. Alteration to this plan are acceptable based on interest, ability, and needs of the student.

**Freshman**

1. Freshman English
2. Civics
3. Biology
4. Algebra I Team (or higher)
5. PE
6. Elective
7. Elective

**Sophomore**

1. World Literature & Composition
2. World History
3. Chemistry
4. Geometry (or higher)
5. PE/Driver's Education/Health
6. Elective
7. Elective

**Junior**

1. American Literature & Composition
2. U.S. History
3. Physics
4. Algebra II (or higher)
5. PE
6. Elective
7. Elective

**Senior**

1. Applied English and Communication
2. Consumer Ed or Econ
3. Environment Science
4. Pre-Calculus & Trig or Stats & Probability
5. PE
6. Elective
7. Elective

**Graduation Requirements**

English (4.0 Credits)

Social Studies (3.0 Credits)

Science (3.0 Credits)

Physical Education/Health/DE (4.0 Credits)

Consumer Education (0.5 Credits)

Mathematics (3.0 Credits)

Successful Completion of Illinois & US Constitution Tests



## **HONORS PROGRAM BEECHER HIGH SCHOOL**

This program of study is only a suggested plan. Alteration to this plan are acceptable based on interest, ability, and needs of the student.

### **Freshman**

1. Freshman English Honors
2. Civics Honors
3. Biology Honors
4. Algebra I Honors
5. PE
6. Elective
7. Elective

### **Sophomore**

1. American Literature & Composition Honors
2. AP World History
3. Chemistry Honors
4. Geometry Honors (or higher)
5. Health/Driver's Education/PE
6. Elective
7. Elective

### **Junior**

1. AP English Language & Composition
2. AP U.S. History
3. Physics Honors
4. Algebra II Honors (or higher)
5. PE
6. Elective
7. Elective

### **Senior**

1. AP English Literature & Composition
2. Economics Honors/Sociology
3. Anatomy & Physiology Honors or AP Biology
4. Pre-Calculus & Trig Honors (or higher)
5. PE
6. Elective
7. Elective

## **Graduation Requirements**

English (4.0 Credits)

Social Studies (3.0 Credits)

Science (3.0 Credits)

Physical Education/Health/DE (4.0 Credits)

Consumer Education (0.5 Credits)

Mathematics (3.0 Credits)

Successful Completion of Illinois & US Constitution Tests

## ENGLISH

Grade	Credits	Course
9-12	1.0	English as A Second Lang. Team
9	1.0	Freshman English
10	1.0	World Literature & Composition
10-12	1.0	Journalism
11	1.0	American Literature & Composition
12	1.0	Applied English and Communication
9	1.0	Freshman English Honors
10	1.0	World Lit. & Composition Honors
11	1.0	American Lit. & Composition Honors
12	1.0	British Lit. & Composition Honors
11-12	1.0	AP English Language & Composition
12	1.0	AP English Literature & Composition
9-12	1.0	English Foundations 500
9	1.0	Freshman English 500
10	1.0	Sophomore English 500
11	1.0	Junior English 500
12	1.0	Senior English 500

### English As A Second Language Team

**Credits:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** Recommendation

#### **Course Description:**

This course is designed for the rapid mastery of the English language, focusing on reading, writing, speaking, and listening skills. An explanation of the basic structures of the English language will be provided, enabling students to progress from an elementary understanding of English words and verb tenses to a more comprehensive grasp of various formal and informal styles and then advance to general education English courses. Team courses are usually co-taught or assisted by an instructional aide. **This course may be repeated up to four times depending on the language proficiency of the student.**

### Freshman English

**Credits:** 1.0

**Grade Placement:** 9

**Prerequisite:** None

#### **Course Description:**

This is a regular freshman course. This course includes: a grammar review that covers parts of speech as well as sentence structure; an introduction to the elements of short stories including a deeper understanding of literary terms and vocabulary in context with the stories; the study of one novel with an accompanying literary analysis paper; an introduction to Shakespeare through *Romeo and Juliet*; and an introduction to mythology through *The Odyssey*.

### World Literature & Composition

**Credits:** 1.0

**Grade Placement:** 10

**Prerequisite:** Freshman English

#### **Course Description:**

This is a sophomore course that prepares students for a post-secondary education in either a technical school, a two-year community college, or four-year university. This course combines literature, vocabulary, and grammar as a foundation/background for composition. Literature selections include short stories from the textbook, novels, essays, and biographies. Grammar studies emphasize parallelism and agreement: subject/verb and pronoun/antecedent. Vocabulary is taken directly from the context of the literature. Composition is the focus at the sophomore level. One major essay is completed per quarter, covering persuasive and expository tones. A research paper is also required. **This course satisfies one of the two writing intensive courses for graduation.**

### Journalism

**Credits:** 1.0

**Grade Placement:** 10-12

**Prerequisite:** Freshman English

#### **Course Description:**

Journalism I is both a theoretical and a hands-on course that immerses students in all aspects of Print Journalism, including composition, layout, design, and photography. The course covers the basic philosophies of Journalism, as well as a brief history of Mass Media. The course also outlines the rights and responsibilities of journalists. Students in Journalism I work on published monthly newspaper, write articles for a grade, and practice the basics of newspaper design. Enrollment is limited. Students are responsible for gathering advertisements from local businesses to help pay for the printing of the newspaper.

### American Literature & Composition

**Credits:** 1.0

**Grade Placement:** 11

**Prerequisite:** World Literature & Composition

#### **Course Description:**

This is a junior-level English course that involves reading American Literature in the form of short stories, novels, essays, biographies, and poems. Studies also include vocabulary and grammar review. These all aid in the necessary background for skillful writing and communication. Grammar review reinforces what has been learned previously and focuses on standard English usage. Vocabulary is taken from the readings and is enhanced by a separate vocabulary book that teaches prefixes, suffixes, and root words. Writing assignments range from short answer to various types of essays, and the goal at the junior year is to convey complete thoughts in grammatically correct sentences and to work on organization and support. ACT preparation is also a part of the junior curriculum in the form of grammar review, test-taking skills and practice, and writing practice.

### Applied English and Communication

**Credits:** 1.0

**Grade Placement:** 12

**Prerequisite:** American Literature & Composition

**Course Description:**

Students will read excerpts of literary short stories, informational text articles and non-fiction novels. The course will include various forms of writing and communication skills that apply to students who are preparing to enter into a two year collegiate program, technical program or military program after completing high school. The class will focus primarily on career based writings and speeches. This class will also be working on problem solving skills, interviewing and resume building as a part of the workplace environment. **This course satisfies one of the two writing intensive courses for graduation.**

### Freshman English Honors

**Credits:** 1.0

**Grade Placement:** 9

**Prerequisite:** Recommendation

**Course Description:**

This is an accelerated freshman course. This course includes: a grammar review that covers parts of speech as well as sentence structure; an introduction to the analysis of short stories including a deeper understanding of literary terms and vocabulary in context with the stories; the study of one novel with an accompanying literary analysis paper, an introduction to Shakespeare through *Romeo and Juliet*, and an introduction to mythology and epic poetry through *The Odyssey*.

### World Literature & Composition Honors

**Credits:** 1.0

**Grade Placement:** 10

**Prerequisite:** College Preparatory Freshman English (B or higher) & Recommendation

**Course Description:**

This accelerated course uses representative literature selections from ancient and/or modern times and countries around the world to engage students in higher level analysis, discussion, and written work that builds upon the College Preparatory Freshman English curriculum. Students improve their critical thinking skills by comprehending the diversity of literary traditions in different cultures and reflect upon the influences of those traditions. Oral discussion is an integral part of this course, and a comprehensive selection of written compositions will be required. Honors English courses follow the same standard and curriculum plan as regular English courses; the rate, depth, and complexity of material differ. Honors students will read more novels and literary works, write more essays, and analyze with greater sophistication. **This course satisfies one of the two writing intensive courses for graduation.**

### American Literature & Composition Honors

**Credits:** 1.0

**Grade Placement:** 11

**Prerequisite:** World Literature & Composition Honors (B or higher) & Recommendation

**Course Description:**

American Literature & Composition Honors follows World Literature & Composition Honors in the high school curriculum and relates to the development of written communication skills and literary analysis and a more advanced level of study designed to prepare students who intend to take AP courses in later grades. Emphasis is placed on higher levels of student performance with more complex assignments and material; students will read and analyze literature of greater levels of difficulty in terms of language use and thematic content, use more precise language, conduct research of a more in-depth nature, develop the speaking skills needed in discussions, and write essays of greater complexity. Through their study of literature, students will also develop knowledge of and an appreciation for American literary traditions. Honors English courses follow the same standard and curriculum plan as regular English courses; the rate, depth, and complexity of material differ. Honors students will read more novels and literary works, write more essays, and analyze with greater sophistication.

### British Literature & Composition Honors

**Credits:** 1.0

**Grade Placement:** 12

**Prerequisite:** American Literature & Composition Honors

**Course Description:**

British Literature & Composition Honors is an extension of the American Literature & Composition third-year required course for high school curriculum relating to the development of written communication skills and literary analysis and a more advanced level of study designed to prepare students who intend to take Advanced Placement courses in later grades. Emphasis is placed on higher levels of student performance with more complex assignments and material; students will read and analyze literature of greater levels of difficulty in terms of language use and thematic content, use more precise language, conduct research of a more in-depth nature, develop the speaking skills needed in discussions, and write essays of greater complexity. Through their study of literature, students will also develop knowledge of and an appreciation for British literary traditions. Honors English courses follow the same standard and curriculum plan as regular English courses; the rate, depth, and complexity of material differ. Honors students will read more novels and literary works, write more essays, and analyze with greater sophistication.

### AP English Language & Composition

**Credits:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** American Literature & Composition Honors (B or higher)

**Course Description:**

Following the College Board's suggested curriculum designed to parallel college-level English courses, AP English Language & Composition exposes students to prose written in a variety of periods, disciplines, and rhetorical contexts. This course emphasizes the interaction of authorial purpose, intended audience, and the subject at hand. Through these concepts, students learn to develop flexibility as they write compositions covering a variety of subjects that are intended for various purposes.

### AP English Literature & Composition

**Credits:** 1.0

**Grade Placement:** 12

**Prerequisite:** British Literature & Composition Honors or AP English Language & Composition (B or higher)

**Course Description:**

AP English Language & Composition is a senior level course that encourages students to become accomplished readers of prose from a variety of periods, styles, genres and rhetorical modes. The course significantly focuses on analyzing each author's use of language, style, and purpose and explores how the understanding of these elements will enhance the effectiveness of students' writing. Students will also focus on composition that moves beyond programmatic responses toward a more organic or natural method of organization concentrating on content, purpose, audience, and stylistic development. Through self-awareness and examination, students will improve their own writing and participate heavily in the editing, revision, and evaluation process. Additionally, daily discussion is a fundamental part of the course and is essential to the students' growth, understanding, and learning. This course will prepare the student for the AP exam given by the College Board as well as initial college

English courses. Students are expected to take the exam. As nearly every field of study requires excellent reading, writing, speaking, and thinking skills, this course will be relevant across the disciplines. **This course satisfies one of the two writing intensive courses for graduation.**

### English Foundations 500

**Credits:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** Special Education

**Course Description:**

This yearlong course provides instruction in foundational language skills by integrating reading, writing, speaking, and listening while placing emphasis on the progress of individual students. Course content is tailored to students' abilities and may include vocabulary building, improved spelling and grammar, developing writing and composition skills, reading silently or aloud, and improving listening and comprehension skills.

### Freshman English 500

**Credits:** 1.0

**Grade Placement:** 9

**Prerequisite:** Special Education

**Course Description:**

This is a full year course that emphasizes reading, vocabulary, proper language use and writing. The literature unit includes *To Kill a Mockingbird*.

### Sophomore English 500

**Credits:** 1.0

**Grade Placement:** 10

**Prerequisite:** Freshman English 500 & Special Education

**Course Description:**

This is a full year course that emphasizes writing skills, proper punctuation and grammar. The students will improve their revision skills. The class also focuses on further development of reading skills and vocabulary.

### Junior English 500

**Credits:** 1.0

**Grade Placement:** 11

**Prerequisite:** Sophomore English 500 & Special Education

**Course Description:**

This is a full year course that focuses on American literature and improved reading and writing skills in preparation for standardized assessments such as the ACT.

### Senior English 500

**Credits:** 1.0

**Grade Placement:** 12

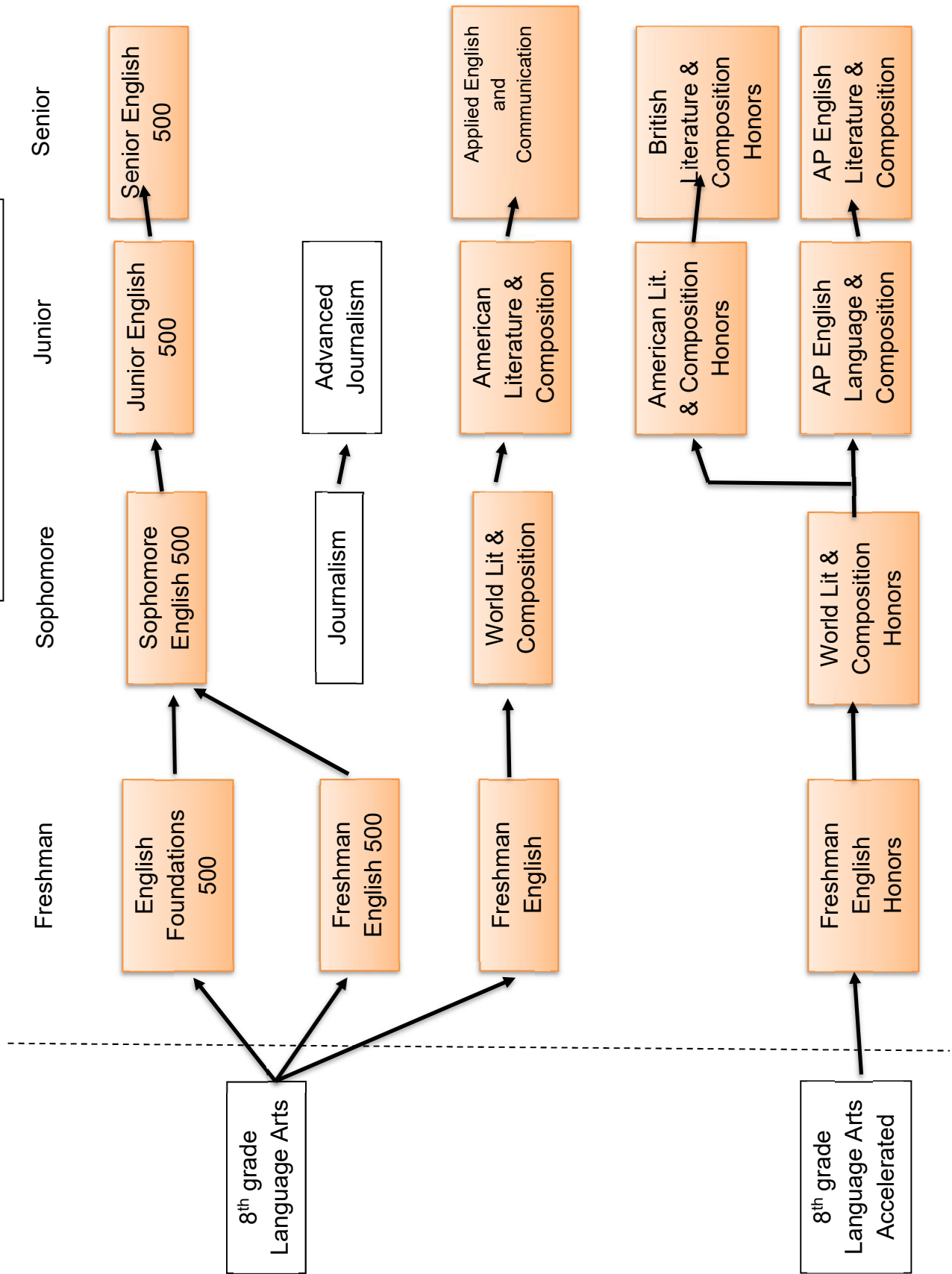
**Prerequisite:** Junior English 500 & Special Education

**Course Description:**

This is a full year course that focuses on British literature, improved reading and writing skills, and vocabulary. The literature unit includes *And Then There Were None*.

Graduation Requirements (Orange)  
4.0 Credits –English (Including Writing Intensive Courses)

# Beecher High School English Course Sequence



## MATHEMATICS

Grade	Credits	Course
9	1.0	Algebra I Team
10	1.0	Geometry Foundations Team
11-12	1.0	Algebra II Foundations Team
12	1.0	Consumer Mathematics Team
9	1.0	Algebra I
9-10	1.0	Geometry
10-11	1.0	Algebra II
11-12	1.0	Pre-Calculus & Trigonometry
12	1.0	Statistics & Probability
9	1.0	Algebra I Honors
9-10	1.0	Geometry Honors
10-11	1.0	Algebra II Honors
11-12	1.0	Pre-Calculus & Trigonometry Honors
12	1.0	AP Calculus AB
9-12	1.0	Mathematics Foundations 500
10	1.0	Algebra I Foundations 500
11	1.0	Algebra I 500
9-10	1.0	Geometry Foundations 500
12	1.0	Algebra II Foundations 500

### Algebra I Team

**Credits:** 1.0

**Grade Placement:** 9

**Prerequisite:** Recommendation

**Course Description:**

This course covers those skills and concepts students need to succeed in first year Algebra. Numerous applications and problem solving strategies are covered as well as all the basic arithmetic operations. The year starts with a quick review of fraction and decimal skills. From there the students move into introductory Algebra topics, such as order of operations, using variables in place of numbers in equations, functions, solving equations, inequalities, systems of equations, factoring, rational numbers, and irrational numbers. Team courses are usually co-taught or assisted by an instructional aide.

### Geometry Foundations Team

**Credits:** 1.0

**Grade Placement:** 10

**Prerequisite:** Algebra 1 Team

**Course Description:**

This course covers those skills and concepts students need to succeed in first year geometry. Full coverage of basic concepts and methods provide a secure foundation in the essentials of Euclidean geometry. This course does not meet most four-year college admissions requirements. Team courses are usually co-taught or assisted by an instructional aide.

### Algebra II Foundations Team

**Credits:** 1.0

**Grade Placement:** 11

**Prerequisite:** Geometry Foundations Team

**Course Description:**

This course will build upon mathematics skills developed during the first two years of high school. Content covered will include factoring, linear equations, graphing, quadratic equations, inequalities, and exponents. Team courses are usually co-taught or assisted by an instructional aide.

### Consumer Mathematics Team

**Credits:** 1.0

**Grade Placement:** 12

**Prerequisite:** Algebra II Foundations Team

**Course Description:**

This course seeks to develop real-world mathematical skills and problem solving strategies. Topics relate to consumerism and include probability and statistics, transportation, housing and other basic living expenses and personal finance. Team courses are usually co-taught or assisted by an instructional aide. A semester of this course fulfills the state requirement for Consumer Education.

### Algebra I

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** None

**Course Description:**

Beginning algebra includes the algebraic language tools that will be used in future math courses. Linear and quadratic equations and systems of equation are thoroughly covered. Word problems of all types are included as well as some work with proofs and formulas. Other topics include sets, directed numbers, polynomials, and functions.

### Geometry

**Credits:** 1.0

**Grade Placement:** 10

**Prerequisite:** Algebra I

**Course Description:**

Geometry deals with improving or developing logical reasoning abilities and the use of theorems and assumptions. Geometry is concerned with proofs and precise definitions as well as constructions. Some of the topics covered are circles, polygons, triangles and angle relationships, parallel and perpendicular lines.

### Algebra II

**Credits:** 1.0

**Grade Placement:** 11

**Prerequisite:** Geometry

**Course Description:**

Algebra II includes a thorough review of Algebra I concepts. But unlike its prerequisite, Algebra II takes and expands on the algebra concepts. Hence, the exercises are more rigorous and detailed. Some new topics covered in this course include: complex numbers, logarithmic and exponential functions, domains, and nth roots.

### Pre-Calculus & Trigonometry

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Algebra II (C or higher)

**Course Description:**

This course prepares one for eventual calculus work. Topics in this course include the study of right triangle trigonometric and circular functions, inverses, and graphs, trigonometric identities and equations, solutions of right and oblique triangles, numerical tables, polynomial and rational functions and their graphs, and limits and continuity.

### Statistics & Probability

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Algebra II (C or higher)

**Course Description:**

Students will be introduced to modern statistics and probability theory and the basic statistical ideas needed in such areas as sociology, business, economics, ecology, education, medicine, psychology and mathematics. This course includes study in both descriptive and inferential statistics and covers topics such as collecting data, graphical analysis, frequency & distribution, random variables, probability, counting principles, confidence intervals, hypothesis testing, mean, variance, and standard deviation. A TI-84+ graphing calculator is required for this course to complete assignments.

### Algebra I Honors

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** Recommendation

**Course Description:**

Algebra I Honors is the first course in the honors sequence in mathematics. It is a weighted class with respect to a student's grade point average. Being an honors class, the pace is much swifter and the content is more difficult than Algebra I.

### Geometry Honors

**Credit:** 1.0

**Grade Placement:** 9-10

**Prerequisite:** Algebra I Accelerated or Algebra I Honors

**Course Description:**

Geometry deals with developing logical reasoning skills and the use of theorems and postulates. The work includes proof and the use of precise definitions as well as construction. Geometry is practical in nature so that students can apply what they have learned to everyday situations. Some of the topics in geometry include: circles, polygons, triangle and angle relationships, parallel and perpendicular lines, and areas and volumes.

### Algebra II Honors

**Credit:** 1.0

**Grade Placement:** 10-11

**Prerequisite:** Geometry Honors

**Course Description:**

Advanced algebra includes a thorough review of beginning algebra and continues with each concept previously learned so that it can be used in more rigorous and detailed exercises. Some of the new topics covered in Algebra II include: matrices and determinants, complex numbers, logarithmic and exponential functions and conic sections.

### Pre-Calculus & Trigonometry Honors

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Algebra II Honors (C or higher)

**Course Description:**

This course prepares one for eventual calculus work. Topics included in this course include the study of right triangle trigonometric and circular functions, inverses, and graphs, trigonometric identities and equations, solutions of right and oblique triangles, numerical tables, polynomial and rational functions and their graphs, and limits and continuity.

### AP Calculus AB

**Credit:** 1.0

**Grade Placement:** 12

**Prerequisite:** Pre-Calculus & Trigonometry Honors (B or higher)

**Course Description:**

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides students with an intuitive understanding of the concepts of calculus and experience with its methods and applications. This course introduces calculus and revisits the trigonometric functions with a focus on the graphs, equations, and identities. The calculus course includes the study of derivatives, differentiation, integration, the definite and indefinite integral, and the applications of calculus.

### Algebra I 500

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** Special Education

**Course Description:**

Algebra I 500 is a course in which students will be able to solve linear equations involving whole numbers, apply properties of powers, perfect squares, and square roots, and solve problems using numeric, graphic, or symbolic representations of variables, expressions, and equations.

### Algebra I Foundations 500

**Credit:** 1.0

**Grade Placement:** 10

**Prerequisite:** Pre-Algebra 500 & Special Education

**Course Description:**

This is a two-semester class in which students will be able to construct and solve number sentences using variables, use linear equations, and apply basic properties of algebra.

### Geometry Foundations 500

**Credit:** 1.0

**Grade Placement:** 10-11

**Prerequisite:** Algebra I Foundations 500 or Algebra I 500 & Special Education

**Course Description:**

Geometry Foundations 500 is a two-semester class in which students will be able to recognize and apply relationships between geometric figures, solve problems using geometric figures and models involving technology, and develop skills to solve mathematical proofs.

### Algebra II Foundations 500

**Credit:** 1.0

**Grade Placement:** 11

**Prerequisite:** Geometry Foundations 500 & Special Education

**Course Description:**

This course, which is taken in special education during the second or third year of high school, covers algebraic topics such as field properties, factoring, linear equations, graphing, exponents and operations in more depth and detail than its prerequisites. Students will build upon the problem solving and technology skills developed in Algebra I and Geometry courses with an emphasis on real- world, practical applications of mathematical concepts.

### Life Skills Math 500

**Credit:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** Special Education

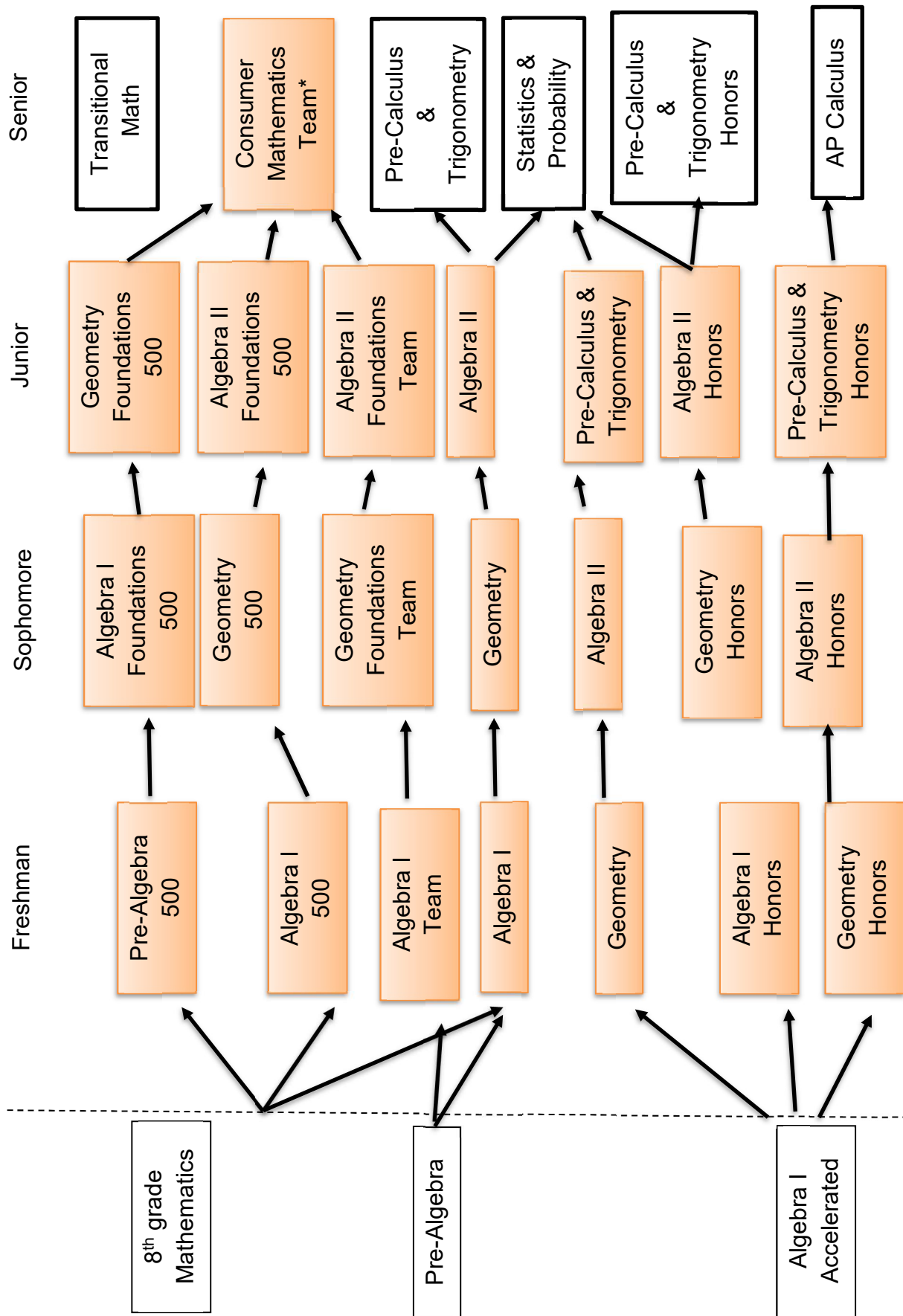
**Course Description:**

Life Skills 500 is a course in which students will apply mathematic to life situations. This course can qualify as either an Algebra or Geometry credit.



Graduation Requirements (Orange)  
 3.0 Credits – Mathematics  
 Must Include Algebra I & Geometry  
 \*0.5 Credits –Consumer Education

# Beecher High School Math Course Sequence



## SOCIAL STUDIES

Grade	Credits	Course
9	1.0	Civics
10	1.0	World History
11	1.0	United States History
11	1.0	United States History Honors
11-12	0.5	Current Events
11-12	0.5	Economics
11-12	0.5	Modern American History
11-12	0.5	Sociology
9	1.0	Civics Honors
11-12	0.5	Economics Honors
10-12	1.0	World History Honors
11-12	1.0	AP United States History
9	1.0	Civics 500
10	1.0	World History 500
11	1.0	United States History 500

### Civics

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** None

#### **Course Description:**

Civics is the study of what it means to be an American citizen and the corresponding rights and responsibilities. Students will cover controversial topics such as illegal immigration, the balance between freedom and security and our country's response to terrorism. Other requirements of the course include an emphasis on analytical writing, a study of the Illinois Constitution, an analysis of the differences between American political parties, an introductory unit on economics, an end-of-year series of debates among others. Reading for and participating in current events discussions is also a yearlong requirement.

### World History

**Credit:** 1.0

**Grade Placement:** 10

**Prerequisite:** Civics

#### **Course Description:**

World History's content will include a study of the world from the beginning of civilization through the Early River Valley civilizations to the rise and fall of the Greeks and Romans. In addition, students will study the Middle Ages, Renaissance, Reformation, French Revolution, World War I, years of crisis between World Wars, and World War II. If time allows, some additional topics can be covered and include the Cold War, Korean War, war in Vietnam, Persian Gulf, and current conflicts in Iraq and Afghanistan. A wide variety of instructional techniques will be used throughout this course to

meet the needs of students.

### United States History

**Credit:** 1.0

**Grade Placement:** 11

**Prerequisite:** World History

#### **Course Description:**

This course covers several topics from our country's past, starting with a brief review of the causes leading up to the Revolutionary War. Students analyze the United States Constitution and are required to pass the U.S. Constitution test to pass the course. Other topics include the Civil War, World War I and World War II. Students use their prior knowledge and problem solving skills to evaluate past decisions and analyze historical events to help make them better citizens. Emphasis is placed on the principles of American democracy, individual rights and responsibilities, and the challenges democracy faces today both at home and in world affairs. Student discussion is strongly encouraged and writing skills are emphasized throughout the year.

### United States History Honors

**Credit:** 1.0

**Grade Placement:** 11

**Prerequisite:** World History Honors

#### **Course Description:**

This course covers several topics from our country's past, starting with a brief review of the causes leading up to the Revolutionary War. Students analyze the United States Constitution and are required to pass the U.S. Constitution test to pass the course. Other topics include the Civil War, World War I and World War II. Students use their prior knowledge and problem solving skills to evaluate past decisions and analyze historical events to help make them better citizens. Emphasis is placed on the principles of American democracy, individual rights and responsibilities, and the challenges democracy faces today both at home and in world affairs. Student discussion is strongly encouraged and writing skills are emphasized throughout the year.

### Current Events

**Credit:** 0.5

**Grade Placement:** 11-12

**Prerequisite:** World History

#### **Course Description:**

This course will focus on the most up to date current events. Each magazine or newspaper will focus on a variety of articles that discuss world and national affairs, science and technology, the arts and entertainment, sports, and other issues within

society. Also, we will view television news programs or videos that are important to understanding our nation or world.

#### Economics

**Credit:** 0.5

**Grade Placement:** 11-12

**Prerequisite:** World History

#### **Course Description:**

Economics is the study of people's choices based upon incentives and scarcity. Topics of the course will include introductory definitions, living on a budget, purchasing major items, Adam Smith, Karl Marx, externalities (pollution), corporations, inequality, economic systems, the Stock Market Game, the evaluation of investment options, international trade agreements and an economic history of the 20th century. **This course fulfills the state requirement for Consumer Education.**

#### Modern American History

**Credit:** 0.5

**Grade Placement:** 12

**Prerequisite:** World History

#### **Course Description:**

This course is a comprehensive study of critical issues and events in United States history from WWII to present day America. Studies include the changing social, political, economic, and cultural forces at work within the nation. The origins and impact of the Cold War; the civil rights struggle; Vietnam War; Watergate and the imperial presidency; the Reagan years; Clinton's America, and post September 11th issues.

#### Sociology

**Credit:** 0.5

**Grade Placement:** 11-12

**Prerequisite:** World History

#### **Course Description:**

Sociology is the science that studies human society and its effect on individuals. Sociologists are interested in social interaction and its causes and effects. The course will cover such questions as how much of behavior is shaped by biology (nature) or your environment (nurture) along with questions such as how much and what kind of technological innovation should be allowed. Topics such as American values, ethnocentrism, the founders of sociology, socialization, and theories of deviance will be covered. Sociological theories about crime, riots, and the creation of social rules will also be studied. Other requirements of the course include an emphasis on analytical writing. Reading for and participating in current events discussions is also a requirement.

#### Civics Honors

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** Recommendation

#### **Course Description:**

Civics Honors provides students with an analytical perspective on government and politics in the United States, including constitutional underpinnings, political beliefs and behaviors, political parties and interest groups, the institutions and policy process of national government, the relationship of the individual to the law and legal system, and civil rights and liberties. This accelerated course is designed to prepare students for AP World History sophomore year. Civics Honors follows the same standard and curriculum plan as regular Civics but the rate, depth, and complexity of material are more rigorous.

#### Economics Honors

**Credit:** 0.5

**Grade Placement:** 11-12

**Prerequisite:** AP United States History or Recommendation

#### **Course Description:**

This comprehensive honors course delves into the components of macro- and microeconomics. Students will be engaged in a challenging curriculum involving economic systems, supply and demand, price setting, inflation and unemployment, and functions of the Federal Reserve. Reading, lecture, simulations, discussion and debate will make up the daily class experience. Reading for and participating in current events discussions is also a requirement. The writing component of this course will prepare seniors for the type of writing that is required to be successful in college. A "College Simulation," which mimics the different challenges at the university setting, is also a component of this course. The debate about balancing fairness and efficiency, productivity and humanity comes up again and again as we discuss how much government students would like in their lives. **This course fulfills the state requirement for Consumer Education.**

#### World History Honors

**Credit:** 1.0

**Grade Placement:** 10-12

**Prerequisite:** Civics Honors

#### **Course Description:**

World History's content will include a study of the world from the beginning of civilization through the Early River Valley civilizations to the rise and fall of the Greeks and Romans. In addition, students will study the Middle Ages, Renaissance, Reformation, French Revolution, World War I, years of crisis between World Wars, and World War II. If time allows, some additional topics can be covered and include the Cold War, Korean War, war in Vietnam, Persian Gulf, and current conflicts in Iraq and Afghanistan. A wide variety of instructional techniques will be used throughout this course to

meet the needs of students.

#### AP United States History

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** AP World History

**Course Description:**

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

#### Civics 500

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** Special Education

**Course Description:**

The studies of our American Government from its conception to the present are addressed. The course will cover the importance of Civic duty for all citizens. Both the U.S and Illinois Constitution are covered in this course.

#### World History 500

**Credit:** 1.0

**Grade Placement:** 10

**Prerequisite:** Civics 500 & Special Education

**Course Description:**

This course will provide the student with a basic understanding of geography and culture in different areas of the world. This class will cover the importance of people, places and events that have and will continue to shape the world.

#### United States History 500

**Credit:** 1.0

**Grade Placement:** 11

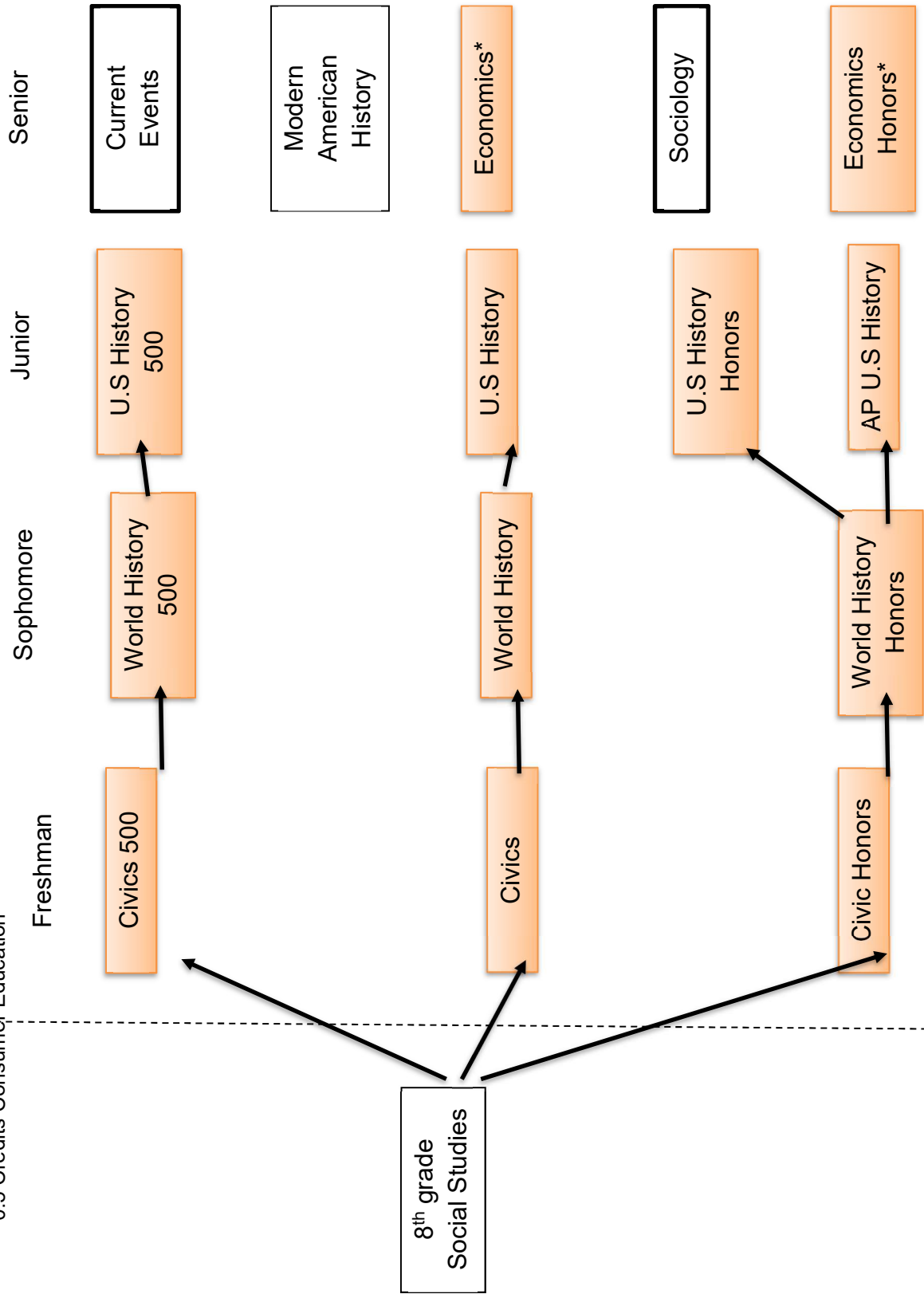
**Prerequisite:** World History 500 & Special Education

**Course Description:**

This course concentrates on our nation from the very beginning to the present, including the historical events and processes that brought about change in the United States political ideas and traditions. The student has the opportunity to learn about our American Heritage.

# Beecher High School Social Studies

Graduation Requirements (Orange)  
3.0 Credits –Social Studies (Must Pass Constitution Test  
Must include Civics, World History and U.S History  
0.5 Credits Consumer Education\*



## SCIENCE

Grade	Credits	Course
9	1.0	Biology
9	1.0	Biology Honors
12	1.0	AP Biology
10	1.0	Chemistry
10-11	1.0	Conceptual Chemistry
10	1.0	Chemistry Honors
11-12	1.0	Physics
11	1.0	Physics Honors
11-12	1.0	Conceptual Physics
11-12	1.0	AP Physics
11-12	1.0	Environmental Science
12	1.0	Anatomy & Physiology Honors
9	1.0	Biology 500
10	1.0	Conceptual Chemistry & Physics 500
11	1.0	Environmental Science 500

### Biology

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** None

**Course Description:**

Biology is the study of life and processes. This is a general course covering many core principles of biology designed to prepare students to further advance their scientific study. Units of study include, but are not limited to, measurements, foundations & biochemistry, cells, genetics, classification, animals and ecology. There is also a laboratory component, which will include dissections.

### Chemistry

**Credit:** 1.0

**Grade Placement:** 10

**Prerequisite:** Biology

**Course Description:**

This course focuses on the study of matter and the changes it undergoes. Topics covered include measurements and conversions, properties of matter, atomic theory, chemical bonding, nomenclature, reactions, aqueous solutions, chemical composition and quantities, gases, organic chemistry, and acids & bases. This course includes laboratory experiments and activities correlated with topics covered in lecture and class activities.

### Conceptual Chemistry

**Credit:** 1.0

**Grade Placement:** 10-11

**Prerequisite:** Biology & Recommendation

**Course Description:**

This course is designed to provide students with a conceptual understanding of the principles of chemistry and physics. The course will be divided by semester into chemistry and physics. It will help students to understand the chemical and physical changes that take place in the world. Chemistry topics covered include the periodic table, chemical equations, and other general concepts such as the conservation of mass. Physics topics include laws of motion, simple machines and electricity

### Physics

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Chemistry

**Course Description:**

Physics courses involve the study of the forces and laws of nature affecting matter, such as equilibrium, motion, momentum, and the relationships between matter and energy. The study of physics includes examination of sound, light, and magnetic and electric phenomena.

### Conceptual Physics

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Conceptual Chemistry & Recommendation

**Course Description:**

This course is designed to provide students with a conceptual understanding of the principles of chemistry and physics. The course will be divided by semester into chemistry and physics. It will help students to understand the chemical and physical changes that take place in the world. Chemistry topics covered include the periodic table, chemical equations, and other general concepts such as the conservation of mass. Physics topics include laws of motion, simple machines and electricity

### Environmental Science

**Credits:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Conceptual Chemistry & Physics 500, Conceptual Chemistry & Physics Team, or Physics

**Course Description:**

Environmental Science investigates modern environmental issues integrating concepts from biology, earth science and chemistry. This course is designed to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, as well as to identify and analyze natural and human-made environmental problems and examine alternative solutions for resolving or preventing them. Students will participate in field studies to collect and analyze authentic data and evaluate specific environments.

### Biology Honors

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** Recommendation

**Course Description:**

Biology is the study of life and processes. This is a general course covering many core principles of biology designed to prepare students to further advance their scientific study. Units of study include, but are not limited to, measurements, foundations & biochemistry, cells, genetics, classification, animals and ecology. Honors biology differs from regular biology from the pace at which material is covered and the depth of the coverage. There will also be a greater emphasis on laboratory activities, including dissections.

### Chemistry Honors

**Credit:** 1.0

**Grade Placement:** 10

**Prerequisite:** Biology Honors

**Course Description:**

This is a college preparatory course designed to prepare students who plan to major in biological sciences, health sciences, nursing, or pre-med in college. Content of this course will be covered at an accelerated pace. Topics covered include measurements and conversions, properties of matter, atomic theory, chemical bonding, nomenclature, reactions, aqueous solutions, chemical composition and quantities, gases, organic chemistry, and acids & bases. This course includes laboratory experiments and activities correlated with topics covered in lecture and class activities.

### Physics Honors

**Credit:** 1.0

**Grade Placement:** 11

**Prerequisite:** Chemistry Honors

**Course Description:**

This is an accelerated course that is designed to study the laws that govern the natural world and how they may be applied to predict the outcomes of different events in the physical world. This course will cover physics both conceptually and quantitatively. To be successful, students must be enrolled in or have completed Algebra II or an honors equivalent.

### AP Physics

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Chemistry Honors & Recommendation

**Course Description:**

This accelerated course is designed to study the laws that govern the natural world and how they may be applied to predict the outcomes of different events in the physical world. This course will cover physics both conceptually and quantitatively. To be successful, students must be enrolled in or have completed Algebra II or an honors equivalent.

### Anatomy & Physiology Honors

**Credits:** 1.0

**Grade Placement:** 12

**Prerequisite:** B or higher (All Science Courses)

**Course Description:**

This is a college preparatory course designed to prepare students that plan to major in biological sciences, health sciences, nursing, or pre-med in college. Content of this course will be covered at an accelerated pace. Topics covered include language, biochemistry, tissues, senses, and the various systems including the skeletal, muscular, nervous, cardiovascular, respiratory, digestive, urinary, reproductive and integumentary systems. This course includes laboratory experiments and activities correlated with topics covered in lecture and class activities. Students will perform a group dissection of the cat designed to culminate all the systems learned throughout the year.

### AP Biology

**Credit:** 1.0

**Grade Placement:** 12

**Prerequisite:** Physics Honors & Recommendation

**Course Description:**

The AP Biology course is designed to be the equivalent of a college introductory biology course utilizing a college textbook, syllabus and lab format. Topics will include biochemistry, cells, photosynthesis, cellular respiration, heredity, molecular genetics, diversity of organisms, structure and function of plants and animals and ecology. Students will be challenged in this course with lab reports, reading and writing. Students will complete 12 AP College Board designed laboratory experiments. Students will be required to take the AP Biology test. The test is designed to be inclusive of lecture and laboratory. After showing themselves to be qualified on the AP Biology Examination in May, students, as college freshman, may take upper level courses in Biology or may fulfill a requirement for a laboratory-science course.

### Biology 500

**Credit:** 1.0

**Grade Placement:** 9

**Prerequisite:** Special Education

**Course Description:**

This class will cover such biological studies as the cell, genetics, photosynthesis, ecosystems, plants, and vertebrates.

### Conceptual Chemistry & Physics 500

**Credit:** 1.0

**Grade Placement:** 10

**Prerequisite:** Biology 500 & Special Education

**Course Description:**

This course focuses on the study of matter and the changes it undergoes, as well as the laws of nature. Topics covered include measurements and conversions, properties of matter, atomic theory, chemical bonding, nomenclature, reactions, the periodic table, the laws governing motion, forces, energy, light and sound waves, and electromagnetism.

### Environmental Science 500

**Credit:** 1.0

**Grade Placement:** 11

**Prerequisite:** Conceptual Chemistry & Physics Team 500 & Special Education

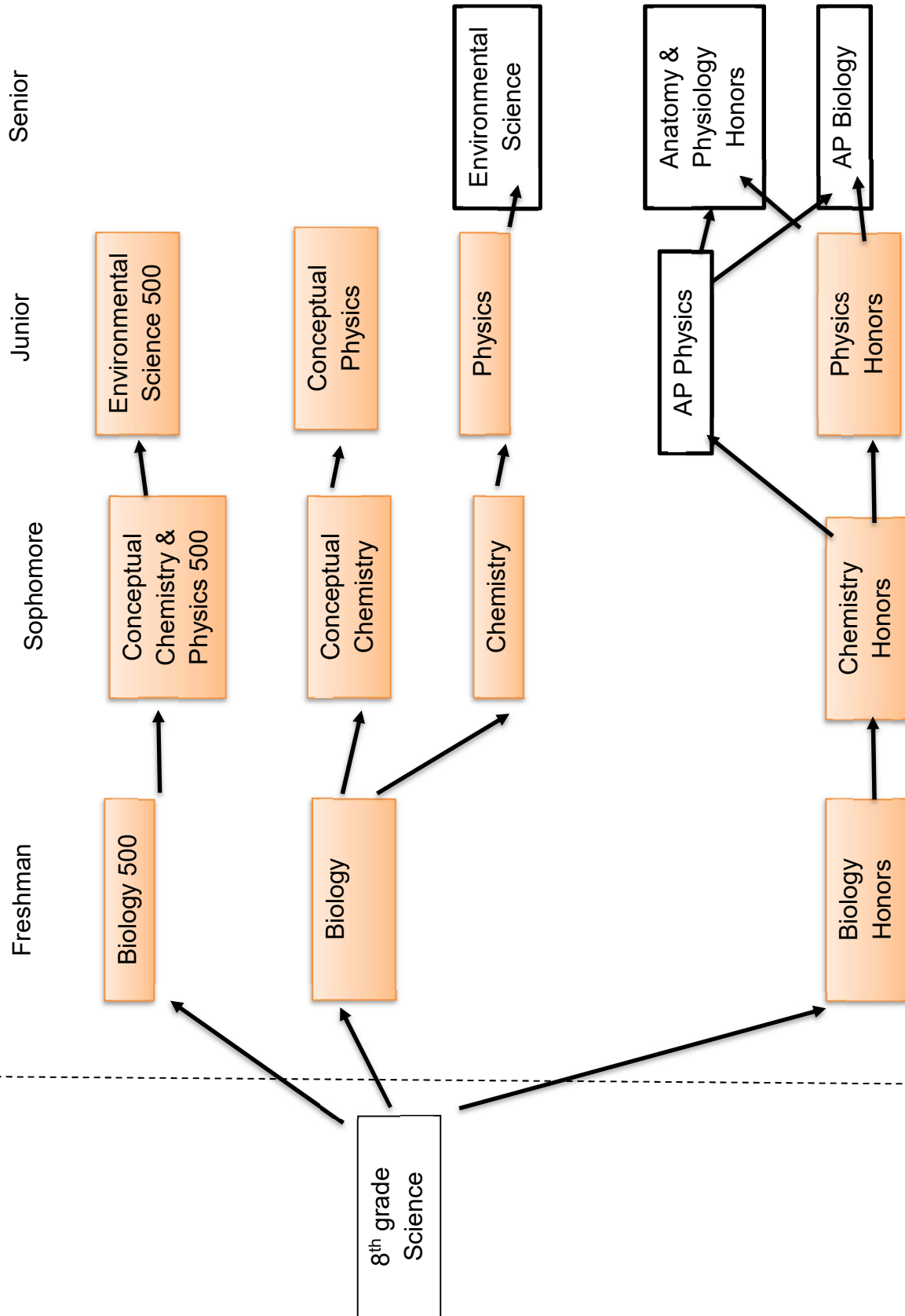
**Course Description:**

This course seeks to examine the mutual relationships between organisms and their environment. In studying the interrelationships among plants, animals, and humans, Environmental Science 500 covers the following subjects: photosynthesis, recycling and regeneration, ecosystems, population and growth studies, pollution, and conservation of natural resources



Graduation Requirements (Orange)  
3.0 Credits – Science  
Must Include Biology, Chemistry, and Physics

## Beecher High School Science Course Sequence



## PHYSICAL EDUCATION, HEALTH, & DRIVER EDUCATION

Grade	Credits	Course
9-12	1.0	Physical Education
10	0.5	Health
10	0.5	Driver Education
11-12	1.0	Lifetime Physical Fitness
11-12	1.0	Strength Training & Conditioning

### Physical Education

**Credit:** 0.5

**Grade Placement:** 9-12

**Prerequisite:** None

#### **Course Description:**

The physical education curriculum is a basic program of instruction in a wide variety of activities that focus on the school's physical education philosophy of "fitness for life." The program seeks to build the framework for a basic appreciation of physical fitness that will be carried with the student throughout life. It is by design that the curriculum will provide activities that give our students the basic knowledge and information that will serve them through the remainder of the high school curriculum.

### Health

**Credit:** 0.5

**Grade Placement:** 10

**Prerequisite:** None

#### **Course Description:**

This state required comprehensive health education course provides students with accurate information and skills that they can utilize to develop healthy attitudes and behavior patterns. Critical thinking and decision-making skills are taught and practiced as students are encouraged to recognize that they have the power and responsibility to choose healthy behaviors in order to reduce risks.

### Driver Education

**Credit:** 0.5

**Grade Placement:** 10

**Prerequisite:** None

#### **Course Description:**

Students will be scheduled into driver education based on date of birth. Thirty hours of classroom instruction must be completed in order to fulfill the State of Illinois requirement. The purpose of the classroom phase is to give students the important rules and pertinent information about driving and to assist in developing proper attitudes toward driving. Students will be schedule into Behind the Wheel phase during their complimentary PE course.

### Lifetime Physical Fitness

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Physical Education

#### **Course Description:**

This course emphasizes acquiring knowledge and skills regarding lifetime health and physical fitness, including nutrition, stress management, consumer issues, and the development of personal fitness goals for topics such as muscular strength, speed, flexibility, team sports skills, resting heart rate, and endurance. Students will develop a plan to achieve these goals and track progress using statistical measures, including use of relevant technology

### Strength Training & Conditioning

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Physical Education

#### **Course Description:**

This course helps students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning. Components of anatomy, kinesiology, and conditioning will also be covered. Students must purchase a jump rope for this class that will be custom fit to their body.

## FAMILY & CONSUMER SCIENCE

Grade	Credits	Course
9-12	1.0	Home Economics
10-12	1.0	Foods & Nutrition
11-12	0.5	Consumer Education
11-12	0.5	Contemporary Living
9-12	1.0	Adult Living 500

### Home Economics

**Credit:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** None

#### **Course Description:**

This course introduces students to the field of family and consumer sciences and the many career opportunities available in this broad field. The course includes theory and laboratory experiences in the following content areas: nutrition and culinary arts; textiles and design; family, career, and community leadership development; resource management; human development and life-long learning; facility design, care, and management; and interpersonal relationships and life management skills.

### Foods & Nutrition

**Credit:** 1.0

**Grade Placement:** 10-12

**Prerequisite:** Home Economics

#### **Course Description:**

This course provides students with an understanding of food's role in society, safety and sanitation, training in how to plan and prepare meals, instruction and lab experience in the proper use of equipment and utensils, training in baking and pastry arts, and background on the nutritional needs and requirements for healthy living.

### Consumer Education

**Credit:** 0.5

**Grade Placement:** 11-12

**Prerequisite:** None

#### **Course Description:**

This focuses on the identification and management of personal and family resources to meet the needs, values, and wants of individuals and families throughout the life cycle. The course utilizes a variety of project-based experiences to gain knowledge and expertise in understanding and applying management skills. Topics include: consumer rights and responsibilities in the marketplace; financial responsibility and decision-making; planning and money management; credit and debt; risk management and insurance; saving and investment; homeownership; state and federal taxes; electronic banking;

and current issues in the economy. This course fulfills the state requirement for Consumer Education.

### Contemporary Living

**Credit:** 0.5

**Grade Placement:** 11-12

**Prerequisite:** None

#### **Course Description:**

This course emphasizes building and maintaining healthy interpersonal relationships among family members other members of society. Topics include: individual self-development, career development, personal awareness, financial responsibility, independent living, social/dating practices, and preparation for marriage and family life.

### Adult Living 500

**Credit:** 1.0

**Grade:** 9-12

**Prerequisite:** Special Education

#### **Course Description:**

The purpose of this class is to prepare students for independent living. This class will cover personal development, relationships, marriage, career preparation, banking concepts, and fundamental skills such as cooking, home organization, and cleaning. A semester of this course fulfills the state requirement for Consumer Education.

## MUSIC

Grade	Credits	Course
9-12	1.0	Concert Band
9-12	1.0	Concert Choir
12	1.0	Concert Band Honors
12	1.0	Concert Choir Honors

### Concert Band

**Credit:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** Recommendation

#### **Course Description:**

The Beecher High School Concert Band is dedicated to the mission of exploring, sharing, expressing, and enjoying the many elements of music. These elements include but are not limited to what we call the musical disciplines (the academics of mathematics, science, history, physical education, and foreign language, all learned simultaneously through the art of music-making). Students will continue the process of developing a clear understanding of the fundamentals of music and of their instrument. Each student will perform challenging literature of many styles and historic periods. Students are expected to demonstrate productive rehearsal skills and practice habits, and are expected to understand the commitment and responsibility of band membership. This group is to be the natural culmination of years spent in younger bands, but will continue in the form of fine-tuning of all skills. Students must provide their own instruments for participation in this course.

### Concert Choir

**Credit:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** None

#### **Course Description:**

The Beecher High School Concert Choir is an ensemble offering all students an equal opportunity to experience and perform vocal music. Students will learn all basics of vocal and choral performance, as well as advanced music theory and music reading skills. Literature performed will be of the highest quality for all voices and may include classical, modern, ethnic, and jazz styles. Besides performing concerts throughout the year with the Music Department, students have an active role performing in the community, at contests, and music festivals.

### Concert Band Honors

**Credit:** 1.0

**Grade Placement:** 12

**Prerequisite:** Concert Band (3 Years)

#### **Course Description:**

This is a performing ensemble. Concert Band Honors requires previous band experience and is designed to promote advanced

techniques in playing brass, woodwind, and percussion instruments as well as cover a variety of band literature styles for solo, ensemble, and large group concert performances. Honors credit requires student musicians to go above and beyond Concert Band requisites by completing, documenting, and reflecting upon additional courses of study in instrumental music that include: private instruction on a primary or secondary instrument; preparation and performance of a solo or ensemble piece; participation in a director-approved festival, clinic, workshop, or summer music camp; mentoring and instructing junior high and high school band members; community and church performances; arranging, transcribing, composing, and critiquing music; and authoring a written research report on a musical instrument, style or historical period of music, composer, or musical artist. Students who wish to take concert band for honors credit should enroll in Concert Band and see the director at the start of each semester. A rubric will be provided detailing possible honors credit selections.

### Concert Choir Honors

**Credit:** 1.0

**Grade Placement:** 12

**Prerequisite:** Concert Choir (3 Years)

#### **Course Description:**

Concert Choir Honors requires previous choir experience and provides the opportunity to sing a variety of choral literature styles for men's and women's voices. This course is designed to develop advanced vocal techniques and the ability to sing parts in solo, ensemble, and large group concert performances. Honors credit requires student musicians to go above and beyond Concert Choir requisites by completing, documenting, and reflecting upon additional courses of study in vocal music that include: private instruction for voice; preparation and performance of a solo or ensemble piece; participation in a director-approved festival, clinic, workshop, or summer music camp; mentoring and instructing junior high and high school choir members; community and church performances; arranging, transcribing, composing, and critiquing music; and authoring a written research report on the voice, style or historical period of music, composer, or musical artist. Students who wish to take choir for honors credit should enroll in Concert Choir and see the director at the start of each semester. A rubric will be provided detailing possible honors credit selections.

## ART

Grade	Credits	Course
9-12	1.0	Art Fundamentals
10-12	1.0	2D Art/3D Art
11-12	1.0	Art Studio
12	1.0	Independent Study

### Art Fundamentals

**Credit:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** None

#### **Course Description:**

This elective class is one that will help fulfill the humanities requirement. This is a project-based class designed to teach the basic Elements of Art including line, value, perspective, color, texture, shape and form.

### 2D Art/3D Art

**Credit:** 1.0

**Grade Placement:** 10-12

**Prerequisite:** Art Fundamentals

#### **Course Description:**

This elective class is intended to explore deeper the elements of art and principles of design. Additional mediums, such as pastel and watercolor, will be introduced to create two-dimensional projects. A variety of three-dimensional projects, using additive and subtractive methods and multimedia, are created as part of this elective course through the use of a variety of materials such as ceramics.

### Art Studio

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** 2D Art/3D Art & Recommendation

#### **Course Description:**

This project-based class is a combination of complex 2D and 3D assignments allowing for more individual creativity. This class is intended for the upper level art student who has a good background in visual art and is an independent thinker.

### Independent Study

**Credit:** 1.0

**Grade Placement:** 12

**Prerequisite:** 2D/3D Art

#### **Course Description:**

Independent Study coursework in visual arts allows students to complete advanced study of a particular art form or topic under the mentoring of the class instructor. Students will expand their expertise in a specific form or style by exploring the topic in greater detail, developing more advanced skills, and taking on projects of significant scope and depth throughout the school such as murals. Independent Study students are required to compile a portfolio throughout the course and complete a presentation each semester summarizing key concepts and skills learned as well as their postsecondary applications.

## WORLD LANGUAGES

Grade	Credits	Course
9-12	1.0	Spanish I
10-12	1.0	Spanish II
11-12	1.0	Spanish III
12	1.0	Spanish IV Honors
9-12	1.0	Native Speakers

### Spanish I

**Credit:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** None

**Course Description:**

Spanish I is a course that takes non-native-speaking students from the stage of learning the alphabet, numbers, greetings and introductions to the stage of being able to write, read, and speak in simple sentences in the Spanish language. They also learn a little about Spanish and Hispanic culture (fine arts, sports, and history).

### Spanish II

**Credit:** 1.0

**Grade Placement:** 10-12

**Prerequisite:** Spanish I

**Course Description:**

This course is designed for students that have successfully completed Spanish I. It combines vocabulary, grammar and culture to enable students to expand on knowledge learned in Spanish I. Grammar studies emphasize creating more complex sentences. Culture emphasizes teenage life in Spanish-speaking countries. Vocabulary is taken directly from the context of the chapter.

### Spanish III

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Spanish II

**Course Description:**

This is a course designed for students that have successfully completed Spanish I and II. It combines vocabulary, literature,

grammar, and culture to enable students to produce Spanish near fluency. Grammar studies emphasize all verb tenses. Literature selections include short stories, poems, and legends written by Hispanic authors. Culture emphasizes different traditions done in different Spanish-speaking countries. Vocabulary is taken directly from the context of the chapter.

### Spanish IV Honors

**Credit:** 1.0

**Grade Placement:** 12

**Prerequisite:** Spanish III

**Course Description:**

This is a course designed for students that have successfully completed Spanish I, II, and III. It combines vocabulary, literature, grammar, and culture to enable students to produce Spanish near fluency. Grammar studies emphasize all verb tenses. Literature selections include short stories, poems, and legends written by Hispanic authors. Culture emphasizes different traditions done in different Spanish-speaking countries. Vocabulary is taken directly from the context of the chapter. Students here have an opportunity for the Seal of Biliteracy.

### Native Speakers

**Credit:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** Recommendation

**Course Description:**

This is a course designed for students who are native Spanish speakers. It combines vocabulary, literature, grammar, and culture to enable students to produce Spanish near fluency. Grammar studies emphasize all verb tenses. Literature selections include short stories, poems, and legends written by Hispanic authors. Culture emphasizes different traditions done in different Spanish-speaking countries. Vocabulary is taken directly from the context of the chapter

## BUSINESS & TECHNOLOGY

Grade	Credits	Course
9-12	1.0	Introduction to Computer Applications
10-12	1.0	Business Management & Marketing
10-12	1.0	Multimedia I
11-12	1.0	Multimedia II
11-12	1.0	Yearbook I
12	1.0	Production
12	1.0	Yearbook II

### Introduction to Computer Applications

**Credit:** 1.0

**Grade Placement:** 9-12

**Prerequisite:** None

#### **Course Description:**

This course has been designed to continue developing correct keyboarding and to master Microsoft Office. The class includes an in-depth study of the concepts and skills needed for jobs requiring data/word/information processing, college, and personal use. Students will compose Word documents such as reports, term papers, memos, and outlines; PowerPoint presentations; Excel spreadsheets; and entrepreneurship projects for owning their own business. Students continue on keyboarding skills through drills for speed and accuracy and may elect to complete a proficiency test in order to earn Microsoft Office Specialist (MOS) certification.

### Business Management & Marketing

**Credit:** 1.0

**Grade Placement:** 10-12

**Prerequisite:** Introduction to Computer Applications

#### **Course Description:**

Students learn basic concepts of starting, owning, and operating a business from the Business Plan and its presentation to the hiring of employees. Students in this course are also a part of Bobcat, Inc., a business owned and operated by the participants in this course.

### Multimedia I

**Credit:** 1.0

**Grade Placement:** 10-12

**Prerequisite:** Introduction to Computer Applications

#### **Course Description:**

This course covers Adobe InDesign and Adobe Photoshop, as well as other media and web-related software. Students will learn the basic aspects of designing materials that are aesthetic to the eye. Students also create creative items that may be helpful in the future.

### Multimedia II

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Multimedia I

#### **Course Description:**

Students build on what they have learned in Multimedia I and apply those concepts to more advanced and larger projects. Students will also assist the school with various media needs. There is an emphasis on independent projects and video production in this class.

### Yearbook I

**Credit:** 1.0

**Grade Placement:** 11-12

**Prerequisite:** Multimedia I

#### **Course Description:**

This course is designed to expose the student to the skills of photography, journalism and page production, and to assist in acquiring the responsible attitude necessary to meet the demands of a production schedule and publication deadline.

### Production

**Credit:** 1.0

**Grade Placement:** 12

**Prerequisite:** Multimedia II

#### **Course Description:**

Students in this class work to produce our daily news broadcast. This class also produces the Senior Video, as well as linking various sporting events to our website for streaming. This class requires various work outside the classroom.

### Yearbook II

**Credit:** 1.0

**Grade Placement:** 12

**Prerequisite:** Yearbook I

#### **Course Description:**

This course is designed to expose the student to the skills of photography, journalism and page production, and to assist in acquiring the responsible attitude necessary to meet the demands of a production schedule and publication deadline.



## BEECHER HIGH SCHOOL INDEPENDENT STUDY GUIDELINES

Student: \_\_\_\_\_ Date Submitted: \_\_\_\_\_

Independent Study Topic: \_\_\_\_\_ Term/Period Requested: \_\_\_\_\_

Independent studies are designed to help students explore content that their schedules and/or course offerings do not easily allow. As a result, a student can propose to have an independent study to meet their learning needs. Students who would like an independent study course must submit a written proposal to the Guidance Counselor that has been developed with the help of a supervising teacher. **This form and project proposal should be submitted prior to the term of your independent study.** The proposal must be typed and contain the following:

- A title for the independent study (e.g. "Foods & Nutrition")
- Specific objectives to be accomplished (including a final project)
- The method(s) by which the objectives will be accomplished
- The materials required to accomplish the objectives
- A plan for evaluating the success of the objectives

### **REQUIREMENTS**

1. Independent study courses are available to seniors only. Seniors may take up to two semester-length independent studies per year. All independent studies are worth 0.5 credits per semester.
2. Students will receive regular grade weighting for independent studies and must carry a minimum of five (5) academic courses reported on a Beecher High School transcript to maintain full-time student status and athletic eligibility. The independent study may count as a student's fifth class.
3. A task log initialed by the teacher must be maintained by the student for the entire duration of the independent study. Students should document all assignments, projects, presentations, performances, and other activities completed as part of the independent study curriculum.
4. In addition to the task log, students are required keep a portfolio of artifacts obtained throughout the course (e.g. artwork, concert programs, papers, tests, etc.). Artifacts should provide evidence of activities documented in the task log. The portfolio may be submitted as a binder or in digital form.
5. In order to receive course credit, students must complete a final presentation or performance of approximately 10 minutes in length. The Principal should be provided with an invitation to this event, which should also be documented in both the task log and portfolio.
6. Prior to the conclusion of the term during which the independent study is completed, the initialed task log and binder should be submitted to the supervising teacher for review. Teachers will review the completed independent study and assign a final grade for the term. The log and binder will then be forwarded to the Principal for approval of credit earned for the course.
7. Request for continuation must be submitted to the Principal and approval obtained each time. Independent study may be repeated, but a separate proposal or separate request for continuation must be submitted and approval obtained each semester.



## **APPROVAL**

This form and the typed project proposal should be submitted for approval prior to the first day of EQA's before the term of your independent study. **Return your proposal and the completed form with student, parent, and teacher signatures to the Guidance Counselor.**

Student Name: \_\_\_\_\_ Grade: \_\_\_\_\_ Student ID: \_\_\_\_\_

Independent Study Topic/Title: \_\_\_\_\_

Department: Supervising Teacher: \_\_\_\_\_

**By signing below, the student, parent, and teacher acknowledge the Beecher High School independent study guidelines and requirements. We understand that this is a graded course that will be reported on the student's official transcript. Grades awarded will reflect the quality of academic work and extent to which the student has fulfilled the independent study requirements.**

Date Submitted: \_\_\_\_\_

Student Signature & Date: \_\_\_\_\_

Parent Signature & Date: \_\_\_\_\_

Teacher Signature & Date: \_\_\_\_\_

**Attach the typed project proposal to this form and return to the Guidance Counselor.**

Guidance Counselor Signature & Date: \_\_\_\_\_

**The Guidance Counselor submits the proposal to the Principal. Approved independent studies are added to the student's academic schedule. Final course credit is approved by the Principal based on fulfillment of the independent study requirements.**

Approved

Not Approved

Principal Signature & Date: \_\_\_\_\_



## BEECHER HIGH SCHOOL SCHOOL TO WORK GUIDELINES

Student: \_\_\_\_\_ Date Submitted: \_\_\_\_\_

Supervising Teacher: \_\_\_\_\_ Term/Period Requested: \_\_\_\_\_

Beecher High School students of senior standing who are on track to graduate have the ability to gain professional content knowledge, skills, and experience through School To Work: a program that combines independent study coursework with an early release for an internship or job with local business partners. Students interested in School To Work must meet the following requirements:

- Must be a senior
- Must maintain a minimum 2.0 grade point average
- Must have a good record of attendance and not be considered a chronic or habitual truant
- Must complete math, science, and social studies graduation requirements prior to enrollment
- Must be able to meet the requirements for graduation while also participating in the program
  - Two semesters each of English and Physical Education senior year
  - One semester of either Consumer Education or Economics senior year

In order to participate in this program, students must propose an independent study titled “School To Work” to a teacher in a content area related to their work assignment (e.g. business teacher for an accounting internship). School To Work is taken as a curricular class in which the student is responsible for creating a sequence of study with the supervising teacher that can be applied to work outside of school. Through onsite observations and interviews, the School Coordinator will verify that content and skills learned through the program are being applied to work responsibilities.

In addition to the completed “Independent Study Guidelines” form and typed project proposal, students must also fill out and obtain signatures for the program training agreement below. Like an independent study, School To Work is worth 0.5 academic credits and must be renewed each semester.

### **EMPLOYER RESPONSIBILITIES**

Business: \_\_\_\_\_ Supervisor: \_\_\_\_\_

1. The above named business will permit the student listed on this form to enter the establishment for the purpose of gaining professional content knowledge, skills, and experience.
2. The course of training is designed for a minimum of 10 hours/maximum of 35 hours of onsite job training per week. Work must not be limited to weekends only and should not negatively affect the student’s regular school schedule. Job assignments should not start earlier than 1:30 PM.
3. The employer will instruct the student in proper safety procedures on the job.
4. The employer will complete an evaluation of the student each quarter, which will be submitted to the supervising teacher and counted as a Summative assignment for the purposes of grading.

## **SCHOOL COORDINATOR RESPONSIBILITIES**

School Coordinator: \_\_\_\_\_ Position: \_\_\_\_\_

1. The School Coordinator will conference with parents/guardians, employer, and student whenever the need arises to help ensure success in the School To Work program.
2. When a change in management occurs, the School Coordinator will review the program training agreement with the student's new work supervisor.
4. The School Coordinator is responsible for giving the employer evaluation to the supervising teacher and making sure a final School To Work grade is reported for the student each quarter. Students must have all required paperwork and documentation on file – including task logs, portfolios, employer evaluations, and a final 10-minute presentation – in order for the Principal to approve course credit.

## **STUDENT RESPONSIBILITIES**

1. In accordance with Beecher High School's attendance policy, the student must be employed for a minimum of (14) weeks per semester in order to obtain School To Work credit.
2. The student must retain the same job for the entire School To Work program and cannot quit or change jobs without prior approval by the School Coordinator. Quitting or changing jobs without approval will result in failing the employer evaluation portion of the program and loss of early release privileges.
3. Paperwork is an important part of the School To Work program. Students who do not have the required documents such as task logs, weekly reports, program assignments, and portfolios may receive failing grades and/or not have course credit reported on their transcripts.
4. The student should contact the School Coordinator when a change in management occurs.
5. Continuance in the School To Work Program is dependent upon the student maintaining passing grades in all of his or her classes. Failing grades may require a reduction in the number of hours a student works or removal from the program in order to fulfill graduation requirements.
6. Being enrolled in the School To Work Program provides the student with an early release for a maximum of two (2) periods at the end of the school day: Period 7 (1:19-2:07 PM) and/or Period 8 (2:11-2:59 PM). Student performance and conduct both inside and outside of school are reflections of performance and attitude at work. A student who is consistently insubordinate, uncooperative, and/or fails to display good work skills in school and on the job may be dropped from the program.
7. Violations that will result in IMMEDIATE SUSPENSION AND WITHDRAWAL from the School To Work program with LOSS OF CREDIT are: (1) use of alcohol on the job or at school, (2) use of drugs on the job or at school, (3) committing a criminal act on the job or at school, (4) breach of confidentiality, and (5) gross insubordination or incompetence.

## **ACKNOWLEDGEMENT**

By signing and dating below, I have read, understand, and agree to abide by the School To Work guidelines and training agreement above, which are binding between the above named student and Beecher High School.

Student: \_\_\_\_\_ Parent: \_\_\_\_\_

Employer: \_\_\_\_\_ School Coordinator: \_\_\_\_\_



# BEECHER HIGH SCHOOL

## PHYSICAL EDUCATION WAIVER FORM

Student Name: \_\_\_\_\_ Grade Level: \_\_\_\_\_ Date: \_\_\_\_\_

According to the Beecher High School Student/Parent Handbook 2017-2018 (p. 12), a senior student may submit written request to be excused from Physical Education (PE) courses for the following reasons:

1. Enrollment in a marching band program for credit;
2. Enrollment in Reserve Officer's Training Corps (ROTC) program sponsored by the District;
3. Ongoing participation in an interscholastic athletic program (student must be in the 12th grade);
4. Enrollment in academic classes that are required for admission to an institution of higher learning (student must be in the 12th grade); or
5. Enrollment in academic classes that are required for graduation from high school, provided that failure to take such classes will result in the student being unable to graduate (student must be in the 12th grade).

In order to receive a PE waiver, the following form must be completed in entirety, signed by all parties, submitted to the Guidance Office, and approved by the Principal. Students who fail to fulfill these terms are responsible for meeting all PE graduation requirements set forth by the District 200U Board of Education.

### **ATHLETIC WAIVER**

Students may be waived from PE for participation in an Illinois High School Association (IHSA)-sanctioned athletic program. The full season must be completed in order to receive the following exemptions:

Fall Sport – Quarters 1-2 PE Winter Sport – Quarters 2-3 PE Spring Sport – Quarters 3-4 PE

PE waivers for winter sports will result in semester grades based entirely on Quarters 1 and 4. Exemptions may overlap between athletic seasons –a student who participates in fall and winter sports will be enrolled in PE for only Quarter 4. A separate waiver must be submitted for each sport the student participates in.

### **To Be Completed By Head Coach:**

IHSA Sport: \_\_\_\_\_ Season:            Fall                      Winter                      Spring  
Date Season Began: \_\_\_\_\_ Date Season Ended: \_\_\_\_\_

- |   |     |    |
|---|-----|----|
| 1. Did the student above successfully complete the entire season with your team?        | Yes | No |
| 2. Did the student above demonstrate regular attendance and participation at practices? | Yes | No |
| 3. Did the student above demonstrate regular attendance and participation at events?    | Yes | No |
| 4. Did the student above remain eligible for participation during the entire season?    | Yes | No |

Comments:

Head Coach's Name: \_\_\_\_\_

Signature/Date: \_\_\_\_\_

### **To Be Completed by Principal:**

\_\_\_\_ PE Waiver Approved for:      Quarters 1-2      Quarters 2-3      Quarters 3-4  
\_\_\_\_ PE Waiver Not Approved Due to: \_\_\_\_\_

Principal's Name: Signature/Date: \_\_\_\_\_

**ACADEMIC WAIVER**

Students may be exempt from PE for receiving acceptance to a college or university, declaring an academic major, and taking courses required for that major that conflict with PE. Academic waivers are not granted for students simply wishing to take more electives or non-credit course offerings such as Office Assistant.

**To Be Completed By College/University Admissions Representative:**

College/University: \_\_\_\_\_ Student's Acceptance Date: \_\_\_\_\_  
Student's Declared Major: \_\_\_\_\_ Major-Required Course: \_\_\_\_\_  
Course Prerequisite(s): \_\_\_\_\_  
Course Description: \_\_\_\_\_  
Comments: \_\_\_\_\_

Admissions Rep's Name: \_\_\_\_\_ Signature/Date: \_\_\_\_\_

**To Be Completed By Principal:**

\_\_\_\_ PE Waiver Approved For Semester; \_\_\_\_\_ Beecher High School Course: \_\_\_\_\_  
\_\_\_\_ PE Waiver Not Approved Due To: \_\_\_\_\_

Principal's Name: \_\_\_\_\_ Signature/Date: \_\_\_\_\_

**GRADUATION REQUIREMENT WAIVER**

Students may be exempt for taking graduation requirements that conflict with PE. This may be done to makeup failed courses, take four core classes while attending Kankakee Area Career Center (KACC), and/or meet District 200U requirements after transferring from another school with different requirements.

**To Be Completed By Guidance Counselor:**

Graduation-Required Class: \_\_\_\_\_ Reason for Waiver:      Failure      KACC      Transfer  
Reason PE Cannot Be Taken: \_\_\_\_\_

Counselor's Name: \_\_\_\_\_ Signature/Date: \_\_\_\_\_

**To Be Completed By Principal:**

\_\_\_\_ PE Waiver Approved For Semester; \_\_\_\_\_ Beecher High School Course: \_\_\_\_\_  
\_\_\_\_ PE Waiver Not Approved Due to: \_\_\_\_\_

Principal's Name: \_\_\_\_\_ Signature/Date: \_\_\_\_\_

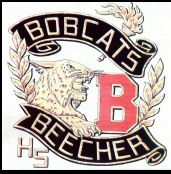
**SPECIAL EDUCATION WAIVER**

Students in special education may be exempt from PE at the recommendation of their IEP team in order to receive additional supports and services. This may include core courses, electives, and/or resource periods.

**To Be Completed By Special Education Coordinator:**

IEP Meeting Date: \_\_\_\_\_ Beecher High School Course: \_\_\_\_\_  
Comments: \_\_\_\_\_

Coordinator's Name: \_\_\_\_\_ Signature/Date: \_\_\_\_\_



## BEECHER HIGH SCHOOL COMMUNITY SERVICE HOURS LOG

Student Name: \_\_\_\_\_ Class of:      2021      2022      2023      2024

Starting in 2015-2016, all Beecher High School students will be required to complete community service hours in order to receive a high school diploma. District 200U believes that community service – time and effort provided without payment of money and/or services – is a vital component in helping students to become responsible citizens. Community service provides students with the opportunity to share their talent and abilities with the community, improves self-esteem, engages students in relevant real life experiences, fosters a stewardship towards the community, cultivates the development of a sense of compassion, and strengthens the relationship between the school district and the community.

Students must complete a minimum of 24.0 hours of community service over four years as a graduation requirement.

Community service may be done for governmental or educational programs, religious groups if non-missionary in nature, or non-profit organizations. Community Service cannot be done for family or relatives, neighbors, employers, private businesses, or any for-profit organization. Hours earned for participation in class service events such as the Pancake Breakfast and/or Spaghetti Supper may count towards this requirement. Students may not count hours required for National Honor Society and/or disciplinary consequences. **All community service must be submitted for approval on this form and include the necessary dates, times, hours, contact information, and signatures.** Completed community service logs should be submitted to Mr. Steve Sarsany, Guidance Counselor, for approval.

Organization: \_\_\_\_\_ Address: \_\_\_\_\_ Supervisor  
Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Type of  
Community  
Service: \_\_\_\_\_

Date	Time In	Time Out	Total Hours	Description of Activity	Supervisor Signature

Organization: \_\_\_\_\_ Address: \_\_\_\_\_ Supervisor  
 Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Type of  
 Community  
 Service: \_\_\_\_\_

Date	Time In	Time Out	Total Hours	Description of Activity	Supervisor Signature

Organization: \_\_\_\_\_ Address: \_\_\_\_\_ Supervisor  
 Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Type of  
 Community  
 Service: \_\_\_\_\_

Date	Time In	Time Out	Total Hours	Description of Activity	Supervisor Signature

Organization: \_\_\_\_\_ Address: \_\_\_\_\_ Supervisor  
 Name: \_\_\_\_\_ Phone Number: \_\_\_\_\_ Type of  
 Community  
 Service: \_\_\_\_\_

Date	Time In	Time Out	Total Hours	Description of Activity	Supervisor Signature



## BEECHER HIGH SCHOOL KANKAKEE AREA CAREER CENTER CONTRACT

Student: \_\_\_\_\_ KACC Course: \_\_\_\_\_

Kankakee Area Career Center (KACC) provides opportunities for Beecher High School students to complete elective coursework in vocational and technical fields such as cosmetology, firefighting, nursing, construction, welding, and law enforcement. Each student attends KACC for three elective course periods during Slot 1 (8:15-10:15 AM) and receives \$1,763 annual tuition paid by Beecher High School.

Students who attend KACC are expected to follow certain guidelines for participation in this optional program, which are outlined below:

1. All KACC students are expected to arrive at Beecher High School by 7:30 AM and ride the bus. The bus leaves promptly at 7:40 AM each morning.
2. KACC students who miss the bus must report to Beecher High School by the start of Period 1 to work on assignments in the Library. Students who do this up to nine (9) times will not be considered absent. Note, however, that academic consequences may be given by KACC. Missing the bus ten (10) or more times for unexcused reasons will result in fines as noted under Item #6. **Students who miss KACC without any notification to the Main Office will be assigned a two (2)-hour detention for cutting class.**
3. Students are not allowed to drive themselves to or from KACC except under special circumstances – for example, full-day internships or clinical experiences – that require a prearranged driving form signed by the student, parent, principal, and (if appropriate) passengers and their parents.
4. All students are expected to attend KACC when classes are in session, including days when Beecher High School classes are not held or non-KACC students are receiving special days such as late starts or early releases. **This includes Spring Break and exam days.**
5. **Students may withdraw from KACC without penalty during the first ten (10) days of KACC attendance.** After this point, unless dropping KACC is approved as part of a team-developed educational plan (e.g. IEP, 504, etc.), students who withdrawal from KACC will be held financially responsible for the remainder of the \$1,763 tuition. This amount will be prorated based on the number of days the student has and will not attend KACC. Students are otherwise expected to attend KACC through the entire school year.
6. **Students will reimburse Beecher High School \$9.50 (\$1,763 per year minus \$100 registration fee divided by 175 KACC attendance days) for each KACC class missed due to unexcused absence.** Pursuant to 105 ILCS 5/26-2a, only absences due to illness confirmed by a medical professional, death of a family member, observance of a religious holiday, or serious emergencies beyond the control of the student will be considered excused. Reimbursements will be billed quarterly. Unpaid fees may prevent students from completing EQA's, receiving course credit, graduating, and having their official transcripts released.

By signing below, the above named student and his or her parent(s)/guardian(s) indicate that they have read, understand, and agree to follow the expectations above. Students who do not have this contract on file will not be allowed to attend KACC during the 2017-2018 school year and will be registered into non-KACC classes for Periods 1-3. Note that KACC is not a mandatory program of study for graduation from Beecher High School and therefore does not provide fee waivers for financial hardship. **Parents and students are strongly discouraged from signing below if they are unable to meet the financial obligations of this program.**

\_\_\_\_\_  
Student Signature & Date

\_\_\_\_\_  
Student Name (Print)

\_\_\_\_\_  
Parent/Guardian Signature(s) & Date

\_\_\_\_\_  
Parent/Guardian Name(s) (Print)



Student: \_\_\_\_\_ KACC Course: \_\_\_\_\_

The following discipline chart is provided for reference when determining what absences are considered excused and unexcused for the purposes of attending Kankakee Area Career Center (KACC). Consequences for each are listed and will be enforced during the 2017-2018 school year. Note that whether an absence is excused or unexcused, prior notification to the Main Office is required to prevent a 2-hour detention for cutting class.

ABSENCE TYPE	ABSENCE NUMBER	NOTIFIED MAIN OFFICE?	WENT TO LIBRARY?	2-HOUR DETENTION?	\$9.50 FINE?
Unexcused	1-9	Yes	Yes	No	No
		Yes	No	No	Yes
		No	No	Yes	Yes
	10+	Yes	Yes	No	Yes
		Yes	No	No	Yes
		No	No	Yes	Yes
Excused *	Any	Yes	No	No	No
	Any	No	No	Yes	No

\* Only absences pursuant to 105 ILCS 5/26-2a (illness confirmed by a medical professional, death of a family member, observance of a religious holiday, or serious emergency beyond control of the student) will be considered excused. Documentation from a third party must be submitted to the Main Office.

### **A Note On Transportation:**

KACC students are required to ride the bus to and from Beecher High School. Students are only allowed to drive with specific permission and paperwork from the office.

## **KANKAKEE AREA CAREER CENTER**

### **AUTOMOTIVE TECHNOLOGY**

#### **COURSE DESCRIPTION:**

Technology in the automotive field has changed tremendously since the 1970's when solid-state ignition and finally computerization came into full operation. The "shade tree mechanic" has become a part of history. The mechanic of today needs to understand principles of diagnosing problems before attempting repair. The Career Center utilizes an interrogator that not only diagnoses, but takes the technician mechanic step by step through the process giving verbal instructions.

This course begins at the basics of auto mechanic repair and the maintenance of automotive equipment. The main principle of an automotive mechanic is preventive maintenance. Preventative maintenance is best achieved through proper care and through diagnosis of failure, necessary adjustment and of course, repair or replacement of required parts. Most mechanics are responsible and have the ability to work on the total vehicle, yet others choose to specialize in such areas as transmission maintenance, brakes, front-end alignment, exhaust systems, drivability, etc.

KACC's Automotive Technology program is designed to prepare the student to enter the field of auto service and repair. Much emphasis is placed on helping students learn to work as much as possible as a mechanic meeting and addressing a variety of new and different problems with each vehicle encountered. All of the various components and systems of the automobile will be covered including the engine and drive train, fuel systems, brake systems, electrical systems, etc.

#### **DUAL CREDIT OPPORTUNITIES:**

Beecher High School students will have an opportunity to earn 3 credit hours at Prairie State in AUTO 101: Basic *Automobile Service & Systems*.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- Appropriate shoes/boots.
- Appropriate clothing; i.e., long pants, etc. (NO SHORTS).
- Safety glasses (first pair provided by KACC).
- Tire pressure gauge.
- Pencil/pen.
- Notebook.

#### **ADDITIONAL COSTS:**

None.

**KANKAKEE AREA CAREER CENTER**  
**CHILD DEVELOPMENT & PRESCHOOL**

**COURSE DESCRIPTION:**

The Child Development/Preschool Program offers an opportunity for training, experience and time with children as students learn a variety of skills in the childcare field. In addition to developing professional skills in this rewarding field, students have an opportunity to develop competency in basic principles of child growth and development, engage in hands-on experiences with 3, 4 and 5 year-olds in KACC's onsite preschool lab and actively participate in planning and implementing activities within our lab.

Students gain skills and knowledge in areas such as guiding the behavior of children, child growth and development, preschool operation, safety procedures, first aid knowledge and are exposed to a variety of career profiles in home, public and private teaching settings. The student plans and implements activities designed as formal lesson plans, to be utilized in the preschool. Students experience acting as both a teaching team-member and a leader. Second-year students may have an opportunity to gain experience through an internship/job shadowing at a local daycare/preschool facility.

**DUAL CREDIT OPPORTUNITIES:**

Following successful completion of the first year of Child Development, students have the potential to earn the Gateways to Opportunity Early Childcare Education Level 1 credential issued by the State of Illinois. Students who successfully complete the second year may also have the potential to earn 3 dual credit college hours from Prairie State College (ECED 105: Creative Activities for Children).

**REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- A one-step TB test (required) at the student's expense (Approx. \$10). Test may be done at the Kankakee County Health Department or by a Physician of your choice. Student must bring proof of their TB test results the first week of school.
- A full pair of scrubs - top and bottom – can be purchased at several stores locally.
- Two 1” three-ring binders.
- Notebook and Notebook paper.

**ADDITIONAL COSTS:**

- First-year Course workbook \$20.00.
- Second-year workbook update \$5.00.

## **KANKAKEE AREA CAREER CENTER**

### **COLLISION REPAIR**

#### **COURSE DESCRIPTION:**

During the first year of this program, learning experiences are designed to allow students to gain knowledge and skills in repairing automotive bodies and fenders. Planned learning activities in this course are balanced to allow students to become knowledgeable in the fundamental aspects of auto body repair methods and techniques, and to develop practical skills in the basic operations required to prepare the automobile for final paint application. Instruction emphasizes safety principles and practices, hazardous materials, auto body nomenclature, function of individual component the use of parts, manuals, the identification of replacement parts, use of auto body fillers, plastic/glass fillers and special body repair tools, refinishing problems and paint preparation procedures. Practical activities relate to experience in writing and calculating damage estimates, removing and installing body panels, trim and glass, straightening by using hammers and dollies, and smoothing by filling, grinding and using fillers. Students also learn to prime the area to be painted and prepare the surface for final paint application. These experiences and skills are related to metal, fiberglass or urethane components.

The second year provides experiences designed to further enhance the students' skills in performing more advanced tasks related to automotive body and fender repair. Learning activities in this course emphasize the successful application of the final paint coat and the preparation that precedes it. Emphasis is also placed upon the identification and correction of imperfections and finish buffing of the final coat. Student learning activities include instruction in safety principals and practices, hazardous materials, types and qualities of paints, colors, and refinishing problems; glass standards and installation, special alignment techniques, customer relations, damage estimating and insurance adjustments. Student practical activities relate to experiences in estimating collision damage costs, preparing customer bills, removing and replacing glass surfaces, selecting paints, repainting minor and major damages, post-paint cleanup, and post-paint polishing. This course also allows students to experience more design-related auto painting utilizing an air-brush application.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- Leather work boots.
- Appropriate work clothing with no rips, holes, tears or frays. Clothes must also fit properly. Baggy clothes will not be permitted.
- Pencil and paper.
- Respirator – must be a dual cartridge (\$20). May be purchased at First Auto Color or CarQuest.

#### **ADDITIONAL COSTS:**

None.

**KANKAKEE AREA CAREER CENTER**  
**COMPUTER TECHNOLOGY I: THEORY, REPAIR, & BUILDING**

**COURSE DESCRIPTION:**

In this program, a solid foundation of theory on how a computer and other peripherals work is covered. Students receive instruction and hands-on experience in repairing or replacing faulty mechanical or electronic parts and giving technical advice on ways to keep equipment in good operating condition. A+ LabSim Test Out online software is also used for simulating PC building and repair (This same software is utilized by most colleges). After completing this program, the student will have an opportunity to go on to become A+ Certified and PC PRO Certified. Students also receive instruction in the area of installing basic networks.

**DUAL CREDIT OPPORTUNITIES:**

Successful completion of this program allows students the potential to earn 4 credit hours at Prairie State College for ITNET 160 Computer Repair.

**REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- One manual at student's expense – "A+ Complete" by Sybex (more information will be given in class).
- P.C. repair toolkit.
- Small mag light or other mini light.
- 3-ring binder or folder.
- Pen.
- Pencil.
- Notebook.
- Home Internet access.

**ADDITIONAL COSTS:**

- USB Memory/Flash drive \$10 to \$15.

**KANKAKEE AREA CAREER CENTER**  
**COMPUTER TECHNOLOGY II: NETWORKING & THE WORLD WIDE WEB**

**COURSE DESCRIPTION:**

This course builds on the skills introduced in Computer Technology 1. Students learn how to connect and install multiple computers and peripherals together to create a computer network. Students build, configure, and maintain network servers along with installing and configuring various network operating systems such as Windows Server. Students learn to use troubleshooting services, system monitoring utilities, and data backup and recovery systems. Other topics include learning how to connect various network components such as servers, computers, and printers together using data cabling, hubs, and switches. Students learn to run, terminate, and troubleshoot data cabling. In addition, students learn how to install and upgrade software across the network, as well as map drives and share resources such as printers, software, and files. The course includes setting up and configuring various network services such as TCP /IP, DHCP, DNS, VPN, terminal services, e-mail and web services. Students learn how to secure and protect network servers and data as well as setting up and configuring a firewall, intrusion detection system, and encryption software for identifying and preventing potential network attacks. This course is taught in conjunction with CompTia's Network+ and Curriculum. Each student has the option to purchase vouchers for the certification test at half-price.

**DUAL CREDIT OPPORTUNITIES:** Successful completion of this program may allow students an opportunity to earn 3 credit hours for course ITNET165 Intro to Networking at Prairie State College.

**REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- Required Reference Manual: "Comptia Network + All in One Exam Guide Exam N10-005" by Mike Meyers (ISBN# 9780071789226).
- 1/2", 3-Ring Binder.
- Black Ink Pen.
- Blue Ink Pen.
- Pencil.
- One subject college ruled spiral notebook.
- Headphones.

**ADDITIONAL COSTS:**

None.

## **KANKAKEE AREA CAREER CENTER**

### **CONSTRUCTION TECHNOLOGY**

#### **COURSE DESCRIPTION:**

Students in construction technology build and maintain structures ranging from rough scaffolds, concrete forms and residential electric to homes that require exact finish work. They work with wood, metal, plastic and concrete. Using both hand and power tools, people in the construction trade erect wood frameworks for buildings, install window frames, apply exterior siding and install moldings, cabinets, doors, heating and cooling systems, plumbing and hardware finish. Construction Technology education gives the student the opportunity to participate in the different phases of residential construction. This helps the student decide which trade or craft they would like to serve an apprenticeship.

During the training program, students construct houses on-site and will be involved in all phases of construction. The program is designed as pre-apprentice training and will include the following areas of construction: carpentry, masonry, plumbing, heating, roofing, landscaping, painting, decorating and electrical wiring. The student receives both classroom and on the job training. Students have opportunity to earn their OSHA 10 Certification through completion of this course.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- Notebook for classroom.
- Calculator.
- 16 or 20 oz. claw hammer with unbreakable handle.
- Speed square.
- 25' power return tape.
- Carpenter's pencil.
- Nail apron – cloth is acceptable.
- Leather work boots (Steel toe not required).
- OSHA approved hard hat.
- Safety glasses (first pair provided by KACC).
- Retractable Utility knife.
- Chalk line.
- Cat's claw.
- Also recommend cold weather clothing, work gloves, rubber overshoes for mud.

#### **ADDITIONAL COSTS:**

- 3-Dimensional Model Contest Materials costing from \$5 to \$20.

## **KANKAKEE AREA CAREER CENTER**

### **COSMETOLOGY**

#### **COURSE DESCRIPTION:**

The KACC School of Cosmetology provides the training necessary to become a licensed cosmetologist. While earning hours toward licensure, students have the opportunity to acquire the skills needed in order to perform services on customers in our full- service salon, which is open to the public.

First-year students receive instruction in both theory and practical application in professional development, salon ecology, chemistry, trichology, design decisions, hairstyling, haircutting, chemical texture, hair color and sanitation. Don't worry – you will still be working with clients in our salon too!

Unlike other high school programs, students continue through the summer until mid-July continuing to work within the salon while studying anatomy and physiology, electricity, nail technology and esthetics as they relate to cosmetology, while earning more of those hours toward licensure.

During the second year, students will build upon the knowledge and skills attained in year one and continue both classroom and hands-on experience with customers in our salon, in the areas of shampooing, make-up, facials, hair treatment, hairdressing and hair shaping, hair chemistry, manicuring, pedicuring, sculpture nails, and permanent waving/chemical straightening.

The Cosmetology Program is under the instruction of professional cosmetologists, licensed to teach the Cosmetology program under the rules as regulations established by the Department of Professional Regulation. The program provides for 1500 hours of training which, is the minimum requirement needed in order to take the State Board Exam for licensing. This includes two full school years, Saturday hours, the summer session between junior and senior year, as well as the summer session following high school graduation school.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

Students are responsible for purchasing an equipment kit for the first year, second year, and for both summer sessions. The items provided in the kit are required to progress in the class. Kit fees first and second year, are due on or before the first day of class. Kit fees and tuition for the summer sessions are due no later than the first day of summer school class. These kits meet industry standards and are sold at our cost. Payment plans are not offered, however, we accept credit card payments. Students will not be enrolled nor will they be able to earn hours toward their Cosmetology license until appropriate fees are paid.

#### **KIT FEES & SUMMER SCHOOL TUITION:**

Equipment kits for first year, second year and summer programs:

- First-Year – \$230 kit fee.
- First-Year Summer – Tuition \$300, plus Summer Kit fee of \$190.
- Second-Year Kit Fee is \$135.00.
- Second-Year Summer Tuition is \$300 – No Summer Kit Fee. Kit fees are subject to change. Students who choose to participate in competitions may also need to purchase additional mannequins, supplies, pay for entry fees and travel costs.



## **KANKAKEE AREA CAREER CENTER**

### **DRAFTING & 3D DESIGN**

#### **COURSE DESCRIPTION:**

Manual drafting and computer aided drafting (CAD) is used in many professions to develop ideas and then transfer them to drawings. The drawings then enable others to produce or construct the final product or assembly.

The Drafting + 3D Design program at the Career Center is a two-year program offered to juniors and seniors. Even though this course is designed around a two-year curriculum, sometimes students can only fit one year into their class schedule, and are welcome to attend. Students will learn the fundamentals of the design process used by architects and engineers and how drafting aids that process. Students will have an opportunity to work independently, engage in team projects as well as collaborative projects with other programs within the Career Center.

During the first year, the program focuses initially on sketching and manual drafting in the engineering and architectural fields. Students will learn how to manually sketch and draft two and three-dimensional geometric shapes. They will then move on to more complex drawings of houses, machine parts and other types of engineering and architectural designs. Students then begin learning computer aided drafting utilizing Sketch Up and AutoCAD software programs.

Second-year students may choose to focus on either engineering or architectural drafting. They will have the opportunity to job shadow and intern with professionals in their field of interest. Students will become more proficient in AutoCAD and will learn to use 3D software programs utilized by engineers (Solid Works) and architects (Revit).

#### **DUAL CREDIT OPPORTUNITIES:**

Students who successfully complete the first year may have an opportunity to earn 3 dual credit hours from Prairie State College for CADMD 141: Technical Drafting. Students who successfully complete the second year may have the opportunity to earn 3 dual credit hours for CADMD243: Intro to Auto CAD at Prairie State College.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- Notebook, Minimum 2 inch, 3-Ringbinder with dividers.
- Notebook Paper.
- Calculator.
- Pocket-sized sketch pad min 4" x 9" (4\$).
- Mechanical pencils.
- USB Flash Drive (\$5-\$10).
- Home computer with Internet access recommended for downloading free drafting software.

## **KANKAKEE AREA CAREER CENTER**

### **FIRE RESCUE**

#### **COURSE DESCRIPTION:**

The Fire/Rescue program is set to follow the State of Illinois fire Marshall's Office Division of Standards for entry-level positions in the fire and rescue field. Students learn how to use self-contained breathing apparatus in addition to the safe and proper use of ropes and knots, ladders and hoses. Using a special smoke trailer, students are exposed to simulated fire conditions within a safe environment. They learn how to perform a search and rescue operation, auto extrication and how to safely remove victims of automotive crashes.

Second-year students will begin leadership skills training as Company Officers. They will build upon the skills developed in the first year and learn about detection and suppression systems. Second-year students meeting grade and attendance standards will also have the opportunity to participate in KACC's Emergency Medical/First Responder Program. This program is approved by the Illinois Department of Public Health (IDPH) and has been developed in coordination with our local Hospitals, Presence St. Mary's and Riverside Medical Center. Some students earn the opportunity to go on an internship gaining that real- world experience in the day-to-day operations of a firehouse.

All students will receive training for Hazardous Materials for the First Responder and CPR/AED for the Health Care Provider through the American Heart Association. This course follows all the standards of the Illinois State Fire Marshall, Illinois Department of Transportation and the American Heart Association.

Students who are thinking about this program need to be aware – this program is very physically demanding.

#### **DUAL CREDIT OPPORTUNITIES:**

Following successful completion of this two-year program, students from Beecher High School may have an opportunity to earn 3 dual credit hours at Prairie State College for FST101: Intro to Fire Technology.

#### **CERTIFICATION:**

- Illinois Department of Public Health Emergency Medical Responder License.
- American Heart Association Health Care Provider CPR/AED Certification.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- Structural Firefighting Gloves (\$60) or Auto Extrication Gloves (\$27) and a Nomex Hood (\$23) are REQUIRED (Approx. Cost \$50-\$83). These items may be purchased from Illinois Fire & Police Equipment in Bourbonnais, IL (Mention KACC Student for discount).
- Spiral Notebook for classroom.
- Pen and #2 Pencil.
- Physical examination highly recommended to be respirator qualified.
- ADDITIONAL COSTS: Students are REQUIRED to pay for the following items:
- AHA Health Care Providers CPR/AED Card – \$5.
- KACC Uniform T-Shirt for Fire/Rescue Class (Prices quoted at time of purchase).

## **KANKAKEE AREA CAREER CENTER**

### **CERTIFIED NURSING ASSISTANT**

#### **COURSE DESCRIPTION:**

Students enrolled in the Health Occupations C.N.A. Training Program at KACC can become a CNA (Certified Nursing Assistant) The Health Occupations I program at KACC is taught by Registered Nurses (RN's) who are certified to teach the CNA program through the Illinois Department of Public Health. This program prepares students for their continued education at local community colleges and university-level programs in the following healthcare fields:

LPN Radiology Respiratory Therapy RN EMT-Basic Occupational Therapy Medical Technologist Physical Therapy Pre-Med  
The CNA program at KACC is approved by the Illinois Department of Public Health. After successful completion, the student is eligible to take the Illinois CNA Test to become certified as a nurse assistant. In the CNA program, students learn basic nursing skills such as vital signs, nutrition, rehabilitation and personal care of patients.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- Watch (must have second hand).
- White uniform pants and navy scrub top.
- White shoes for clinical.
- Name pin purchased through KACC.
- Pens.
- Pocket notebook.
- A Hepatitis B vaccine (recommended, but not mandatory) at student's expense.
- A two-step TB test is required. The TB Test is a responsibility of the student. This test must be done prior to the beginning of the school year and can be done through the Kankakee County Health Department, your personal physician local hospitals' occupational health departments or Bradley Wal-Mart. Students are to bring their results of the test to their instructors when they begin class.
- Fingerprint Background Check – will be done at KACC at the beginning of the school year. This is a requirement of the Illinois Department of Public Health. Any student failing to obtain fingerprint background check will be removed from the program.
- Drug Screen may be a requirement of the medical facilities in which clinical hours are earned.

#### **ADDITIONAL COSTS:**

- After successful completion of state requirements, Health Occupations I students will have a CNA State Test (Fee from 2012 was \$75.00).
- Class Fee is due and payable to Kankakee Area Career Center within the first week of School by cash, check or credit card. After the first week of school, only cash payments or online credit card payments through Rev Track on KACC's website will be accepted.
- The \$75 fee covers the cost of Fingerprint Background Check, CPR Card, Picture ID Badge and Mosby's Nurse Assistant Workbook.

**KANKAKEE AREA CAREER CENTER**  
**MEDICAL TERMINOLOGY & BASIC SKILLS**

**COURSE DESCRIPTION:**

This course is designed to provide students with a sequence of organized learning experiences and skills to prepare a person to recognize the signs and symptoms of illness and injury to review the approved and appropriate life-support procedures such as cardiopulmonary resuscitation (CPR) and will become First Aid certified through the American Heart Association. The course will also include skill development to prepare students for a variety of health-related occupations.

Students will learn how to identify medical terms by analyzing their components. Emphasis will be placed on defining medical prefixes, root words, suffixes and, abbreviations. The primary focus is on the development of both oral and written skills in the language used to communicate within healthcare professions.

Students may qualify to participate in an internship program at local extended health care facilities if they have successfully earned their Certified Nurse Assistant (CNA) certification.

**DUAL CREDIT OPPORTUNITIES:**

Following successful completion of this Medical Terminology and Skill Development Course, students may have the opportunity to earn 3 credit hours for HLTH105 Medical Terminology at Prairie State College. Students must meet community colleges' requirements.

**REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- Notebook, 3-Ringbinder with dividers.
- Notebook Paper.
- Pens and Pencils.
- Optional Supplies – head phones and a flash drive

**ADDITIONAL COSTS:**

- Class Fee is due and payable to Kankakee Area Career Center within the first week of School. The fee per year is \$10, covering the cost of the Picture ID badge and First Aide certification.
- A Step I TB Test and Drug Screen are required for those students who qualify and are assigned to an out-of-school internship site.

## **KANKAKEE AREA CAREER CENTER**

### **LAW ENFORCEMENT**

#### **COURSE DESCRIPTION:**

The two-year Career Center Law Enforcement Program provides students with a basic introduction to all facets of law enforcement. Upon completion of the program, students should have a working knowledge of law enforcement procedures and activities that will enhance their skills on the community college and university levels.

Students will be given the opportunity to achieve some proficiency in the following areas: Traffic & Accident Investigation; Vehicle Stops and Approach; Patrol & Arrest Techniques; Telecommunications Skills; Illinois Vehicle Code; Corrections; Drug Identification/Drug Laws; Courts & Legal System; Interview Techniques; Search & Seizure/Evidence Procedures/Crime Scene Investigation; Illinois Criminal Code; Fingerprint Techniques; Criminal Investigation; Report Writing; and, Private Security.

Also included in the program will be interview and interrogation techniques, arrest and handcuffing procedures and an annual research paper. In this pre-law enforcement course, student experiences will involve simulations, demonstrations, guest lectures, tours of various law enforcement departments, and a shadowing program developed with the cooperation of the Kankakee County Sheriffs Police.

#### **DUAL CREDIT OPPORTUNITIES:**

Following successful completion of this two-year program, students may have an opportunity to earn 3 hours of dual credit at Prairie State College for CRJ901 – Intro to Criminal Justice.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES: Law Enforcement I & II:**

- Spiral Notebook.
- 3-Ring Binder.
- Pens & Pencils.
- Notebook Paper. Law Enforcement II:
- Notebook Paper.
- Graph Paper.
- Ruler.

#### **ADDITIONAL COSTS:**

None.

## **KANKAKEE AREA CAREER CENTER**

### **WELDING TECHNOLOGY / PRECISION METALWORKING**

#### **COURSE DESCRIPTION:**

Welding is one of the most important crafts necessary for the manufacturing and construction of various products such as buildings, ships, aircraft, storage vessels, power plants, automobiles, etc. Everything from Nuclear Reactors to the toaster found in your kitchen is made possible by the process of welding. Careers in the field of welding contain a wide range of possibilities. There are certified welders, fitters, inspection and design professionals, welding engineers and those who are involved in study and development of new metals and joining processes. Salary opportunities in the welding field are excellent. You can go as far as your skill sets and knowledge will take you. During the first year, the welding program will consist of exercises using the oxy- acetylene, shielded metal arc, gas metal arc and flux cored arc welding processes in the flat, horizontal and vertical positions. You will also gain experience in the separation of metal using the oxy-fuel and plasma processes. The study of welding symbols, blueprint reading, joint design and metallurgy are also included. The second year focuses on advanced application of first year study in the vertical and overhead positions using the various processes as well as an introduction to pipe welding in the 2F, 2G and 5G positions. All welds will be subject to a guided bend test.

#### **AMERICAN WELDING SOCIETY:**

The Kankakee Area Career Center's Welding program is a member of the American Welding Society S.E.N.S.E. (Scholars Excelling through National Standards Education) program. The S.E.N.S.E. program establishes standards for the training of entry-level welders. Upon successful completion of the S.E.N.S.E. curriculum:

- First year students will receive a SENSE Level I Certificate
- Second year students will receive a Sense Level II Certificate There is a \$15.00 fee from the American Welding Society to receive the SENSE Certificate of Completion.

#### **DUAL CREDIT OPPORTUNITIES:**

Beecher High School Students may have an opportunity to earn dual college credit at Prairie State College: First-year students may earn 2 dual credit hours for WELD 101 Principals of Flat Welding. Second-year students may earn dual credit hours for WELD 102: Horizontal Welding & Brazing.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

Students are REQUIRED to pay for the following items:

- Welding jacket with leather sleeves.
- Long leather welding gloves.
- All-leather work boots (must be over top of ankle).
- Welding Helmet with No. 5 & 10 Filter plate and Extra-Clear Cover Lenses – Recommend “Jackson” brand.
- Work Jeans (must be in good shape, not ripped or frayed).
- Welding Cap.
- Ear Plugs.
- Safety Glasses (first pair provided by KACC).
- Tip Cleaner.
- Wire Brush.
- Tape Measurer (12' minimum length).
- Chipping Hammer.
- MIG Pliers.
- #2 Pencil (not mechanical).
- Black and Silver Sharpie® markers.
- 3-ring binder.
- Standard size notebook.
- Pocket size notebook. Please remember, it is mandatory for all students to wear jeans, work boots and safety glasses to every class.

#### **ADDITIONAL COSTS:**

None.

## **KANKAKEE AREA CAREER CENTER**

### **INTERNSHIP PROGRAM**

#### **COURSE DESCRIPTION:**

The Internship Program provides an opportunity for the business community to form an educational partnership with our school and our students. Instructors, students, and business mentors work together to provide students with continuous learning and real-life experience through a cooperative plan of classroom and on-the-job educational experiences in the student's chosen career field.

Students apply for the program during the second semester of their junior year. The Program Coordinator reviews the applications, interviews the students, gathers the necessary information, and works with business partners to place the student in a career-related job. Students work at the internship site at least two days per week and a maximum of three days per week. They attend their related class a minimum of two days per week.

Successful completion of the Internship Program provides students with some of the following advantages:

- Encourages development of real-world employability skills, responsibility and maturity for students.
- Increases student motivation.
- Results in improved job entry placement and advancement opportunities for graduating students.
- Provides more opportunity for interaction with adult role models.
- Decreases drop-out rate.
- Provides opportunity for career exploration prior to making college and long-range planning commitments.

All placements must be approved by the instructor and evaluations are completed weekly. The students may be removed from the internship program if procedures are not followed (further explanation in Internship Handbook) or poor evaluations are received by the student.

#### **REQUIRED/RECOMMENDED TOOLS AND SUPPLIES:**

- See Internship Handbook.

#### **ADDITIONAL COSTS:**

- Transportation costs to and from internship sites.