

# CENTRAL HIGH SCHOOL



## **COURSE GUIDE & PROGRAM OF STUDIES**

**2011-2012**

**CENTRAL HIGH SCHOOL  
FOUR-YEAR EDUCATIONAL PLAN**

Student Name \_\_\_\_\_

Career Goal \_\_\_\_\_

This page is provided as a guide for long-term educational planning. Please complete your four-year plan on the lines for each year.

**FRESHMAN YEAR**

**English I (1)**  
**Pre-Algebra (1) or Algebra I (2) or Adv. Algebra (1)**  
**Science 9 (1)**  
**L.I.F.E. (.5)**  
**Computer Applications I (.5)**  
**PE/Driver Education or PD/Driver Education (1)**  
**Health (.5) or Elective \_\_\_\_\_**  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
**PLAN Testing (Spring)**

*Total Credits (8)*

**SOPHOMORE YEAR**

**English II (1) or English II Honors (1)**  
**Algebra I (2) or Adv. Algebra (1) or Geometry (1)**  
**Biology I (1) or Introduction to Biology (1)**  
**World History (1) or World History Honors (1)**  
**Physical Education or Personal Development (1)**  
**Health (.5) or Elective \_\_\_\_\_**  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
**Practice PSAE Testing (Spring)**

*Total Credits (8)*

**Other Graduation Requirements:**

**Fine Arts Elective (.5 credit)**  
**Vocational Electives (1)**  
**Foreign Language (2) or Vocational Sequence (2)**

**JUNIOR YEAR**

**English III (1) or English III Honors (1)**  
**Adv. Algebra (1) or Geometry (1) or Elective (1)**  
**US History (1) or US History Honors (1)**  
**Physical Education or Personal Development (1)**  
**Science (1) or Elective \_\_\_\_\_**  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
**Practice PSAE (Fall)**  
**COMPASS Testing (Winter)**  
**PSAE TESTING (Spring)**  
**Total Credits (8)**

**SENIOR YEAR**

**English IV (1) or English IV Honors (1)**  
**US History II (.5) or US History II Honors (.5)**  
**Resource Management (.5)**  
**Physical Education or Personal Development (1)**  
**Science (1) or Elective \_\_\_\_\_**  
Math or Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
Elective \_\_\_\_\_  
**ASVAB Testing (Spring)**  
**COMPASS Testing (Spring)**  
**Total Credits (8)**

**\*\* Required Classes are in BOLD**

## GENERAL INFORMATION

### I. DEFINITION OF CREDIT

- A. A unit of credit is received for the successful completion of one year's work. Courses earn one-half (1/2) credit per semester.
- B. Courses taken at the Kankakee Area Career Center meet for two hours a day and earn one and one-half (1 1/2) credits per semester for successful completion of the course.
- C. There are five classes that receive one-quarter (1/4) credit per semester. They are: Driver Education, PE/BTW, PD/BTW, SAEP, and Guided Study.

### II. STUDENT CLASSIFICATION – Student grade classification will be determined by attendance years in school and number of credits earned.

- A. Students classified as “seniors” have completed at least three years of high school and have earned at least 21 credits by the beginning of the school year or 24.5 credits by the beginning of the second semester.
- B. Students classified as “juniors” have completed at least two years of high school and have earned at least 14 credits by the beginning of the school year or 17.5 credits by the beginning of the second semester.
- C. Students classified as “sophomores” have completed at least one year of high school and have earned at least 7 credits by the beginning of the school year or 10.5 credits by the beginning of the second semester.
- D. Students classified as “freshmen” have met all district and state requirements in order to be promoted from the eighth grade.

### III. REQUIREMENTS FOR GRADUATION

- A. Central High School Graduation Requirements:
  - 1. 4 years of high school attendance (minimum).
  - 2. 28 credits; 27 if attend Career Center one year; 26 if attend Career Center two years.
  - 3. A two-day “Prairie State Achievement Examination” (PSAE) will be administered to all 11<sup>th</sup> grade students each April. The examination will cover five academic areas: English, reading, math, science, and writing. The first test day will be the standardized ACT test used by many colleges for admission.
- B. Central High School Mandatory Course Requirements:

English	4 years
Writing Intense	2 years = English 2, English 2 Honors, English 3, English 3 Honors
Mathematics	3 years = 1 Algebra, 1 Geometry, 1 Elective
Science	3 years = 1 Science 9, 1 Biology, 1 Elective
Social Science	2 ½ years = 1 World History, 1 US History, ½ US History II
Other	½ Resource Management, ½ Health, ½ Computer Applications I, ½ L.I.F.E, ½ Fine Arts, 1 Vocational, 2 Foreign Language or 2 Vocational Education, 3 ¾ PE or PD, and ¼ Driver Education
- C. CARPE DIEM (Response to Intervention):

Changes in federal and state laws have directed schools to focus more on helping all children learn by addressing problems earlier within the general education setting. These new laws emphasize the importance of providing high quality, scientifically-based instruction and interventions, and hold schools accountable for the adequate yearly progress of all students. This new process of providing interventions to students who are at risk for academic or behavioral problems is RtI (Response to Intervention). Central Academic Recovery Program Educational Diagnosical Interventions for English and Mathematics (or CARPE DIEM) is a process designed to help our school focus on high quality interventions that are matched to student needs and monitored on a frequent basis. The information gained from this process is used to adapt instruction and to make decisions regarding the student’s educational program. Students in this program may be pulled out of PE for up to 30 minutes a class period to receive additional help in English and/or Mathematics. Some students may be required to take an additional course in English and/or Mathematics for credit.
- D. Transfer Student Credits

The number of credits required for graduation for transfer students will be determined by adding together the following items:

  - 1. The average number of credits that must be earned per semester to be on schedule for graduation at the previous school times the number of semesters of attendance at that school.
  - 2. The average number of credits that must be earned per semester to be on schedule for graduation at Central High School times the number of semesters of attendance at Central.

#### IV. ACADEMIC REQUIREMENT FOR ACTIVITIES

To be eligible to participate in any extra-curricular activity or event a student may not be failing more than one subject. The student's eligibility status for the entire week is established by a grade check on the last day of the week and is not reconsidered until the Friday of the next week. (This means that if a student is determined to be ineligible on a Friday, he/she will be ineligible for the following week (Monday through Sunday). He/She will remain ineligible until the following week even if his/her grades move into the passing range during the week.

#### V. SENIORS PART-TIME

Part-time scheduling is available to 5<sup>th</sup> year students only.

#### VI. MAKE-UP CREDITS FOR GRADUATION

##### Deficiencies

- A. Students may gain credit for graduation through alternative courses only if it is to replace a failure. All courses to make-up credit must be planned with a counselor and approved by the high school principal. Students may also take alternative courses in subject areas with specific graduation requirements to facilitate moving through Central High School's course sequences or to enhance their preparation for more difficult courses. These courses will be placed on the student's transcript but will be counted only as electives and may not be used to fulfill any requirements for graduation.
- B. In no case may alternative classes be used to meet over fifty (50) percent of the graduation requirements in either the individual subject areas or total credits for graduation. Transfer students will be expected to earn at least 50% of their credits either at Central or from other properly accredited high schools or home school programs.
- C. Alternative course credit will be granted for only one class per semester for ninth, tenth and 11<sup>th</sup> graders during the school year and for no more than two classes during the summer. Seniors may request permission to take more than two classes per term in order to meet graduation requirements. Classes must be planned with a counselor and be approved by the principal.
- D. Since students must successfully complete a four (4) year English requirement to graduate, a student who fails an English course is in jeopardy of not graduating in four years. To address this requirement, students who have failed a course may choose to continue the prescribed sequence while repeating a failed course. Other options to fulfill the English requirement in four (4) years would be to successfully complete a pre-approved English summer school course, a pre-approved IVS course, or a pre-approved correspondence course. A student may not enroll in more than two (2) English classes concurrently. This includes Central High School courses and any alternative courses i.e. correspondence or summer school.
- E. In general, alternative courses are acceptable for credit if they meet the following:
  1. The course is given by an institution accredited by the North Central Association of Colleges and Secondary Schools;
  2. The student assumes responsibility for all fees;
  3. The course is approved in advanced by the High School Principal; and
  4. The course meets all other requirements in this section.

#### VII. SCHEDULE CHANGES

- A. Course changes may be made on a limited basis **ONLY DURING THE WEEK FOLLOWING REGISTRATION AND ONLY WITH PARENTAL PERMISSION**. A student may drop a class, up to **FOUR WEEKS** into the semester with a teacher-counselor recommendation, principal approval, and parental permission. If a student drops a class after the four-week period, he or she receives an "F" in the course. Students who drop a class are responsible to make-up all work in the class that they have switched to, from the beginning of the semester.
- B. Mid-year adjustments will be strictly limited to absolutely necessary changes. It should be noted however, that failure in the first semester of a yearly class is not in itself sufficient reason for dropping a class. However, priority will be given to teacher recommendations for adjustments on students experiencing academic difficulties.

#### VIII. STUDENT PROGRAM

- A. College prep program
  1. This program implies a concentration of subjects selected from areas of English, foreign language, social studies, science, and mathematics.
  2. Students should become aware of college admission policies and costs by utilizing counselor services and materials in the guidance office and library.
  3. The Illinois Board of Higher Education **RECOMMENDS** high school background courses including the following:

English	4 units
Math	4 units
Social Studies	4 units
Science (lab)	3 units

Foreign Language 2 units

The Illinois Board of Higher Education **REQUIRES** the following courses for admission to state colleges and universities.

English 4 units

Math 3 units (starting with Algebra I and may include computer programming)

Social Studies 3 units

Science (lab) 3 units

Electives 2 units of foreign language, music, art, or vocation education

Up to 3 of the 15 units of course work required above may be distributed by deducting no more than one unit from the areas of math, social studies, science, or the electives and completing those 3 units in any of the areas of course work listed above.

For example:

Subject Option	Required	Lowest Option	Highest
English	4	4	7
Mathematics	3	2	6
Social Studies	3	2	6
Science	3	2	6
Foreign Language	2	1	5
Total	15	11 (+3 units across all subjects)	

4. Always check the catalog of the college you are considering for specific admission requirements.
5. Refer to specific departmental suggestions at the end of each department's course listings.
6. College bound students
  - a. All freshmen will take the PLAN test. This test is a preview and predictor of the ACT exam. It provides an indication of skills development compared to college bound students across the nation. Study skills knowledge and career interests are also assessed.
  - b. All sophomores will take the Practice ACT test. This a retired ACT test. This test will allow the student to assess what academic skills they need to focus on before taking day 1 of the PSAE.
  - c. All juniors may take the PSAT/NMSQT exam to improve their national test taking skills. This is a preview and predictor of the SAT exam in addition to being the first step in the National Merit Scholarship Competition. All juniors will take a Practice ACT to prepare for the PSAE.
  - d. The ACT will be taken in April of the junior year as part of the Prairie State Achievement Exam. Go to [www.actstudent.org](http://www.actstudent.org) for national test dates.
  - e. The SAT is required by some private colleges and is usually taken at the end of the junior year or early in the senior year.
  - f. Central High School CEEB code for registration is **141-435**.
7. The NCAA Initial-Eligibility Clearinghouse must certify student athletes interested in Division I and II schools. The NCAA registration form is available at [www.eligibilitycenter.org](http://www.eligibilitycenter.org). To be certified by the Clearinghouse you must:
  - a. Graduate from high school.
  - b. The breakdown of the requirements is listed below:

### **DIVISION I**

#### **16 Core Courses:**

4 years of English.  
3 years of mathematics (Algebra I or higher).  
2 years of natural/physical science (1 year of lab if offered by high school).  
1 year of additional English, mathematics or natural/physical science.  
2 years of social science.  
4 years of extra core courses (from any area above, foreign language or nondoctrinal religion/philosophy).

### **DIVISION II**

*(There are changes for the class of 2013 & after)*

#### **14 Core Courses:**

3 years of English.  
2 years of mathematics (Algebra I or higher).  
2 years of natural/physical science (1 year of lab if offered by high school).  
2 years of additional English, mathematics or natural/physical science.  
2 years of social science.  
3 years of extra core courses (from any area above, foreign language or nondoctrinal religion/philosophy).

- c. Earn a GPA of at least 2.0 in a core curriculum during grades 9-12. See your counselor for specific requirements.
  - d. Earn a combined ACT and grade point average as it fits into the Division I or II Core GPA and Test Score Sliding Scale. **You must indicate code 9999 on your ACT registration form to have your score sent directly to NCAA Clearinghouse. The PSAT/ACT test is acceptable for NCAA eligibility.**
8. All seniors planning further education should complete the Free Applications for Federal Student Aid (FAFSA). This is for scholarships, grants, loans, or work-study given from the state and federal financial aid programs. The application for the FAFSA is found on line at [www.pin.edu.gov](http://www.pin.edu.gov) to get a pin number then complete the form at [www.fafsa.edu.gov](http://www.fafsa.edu.gov). The application will **NOT** be available until January 1 of your senior year. Check to see if the school you plan to attend requires institutional financial aid forms also. If so, secure and complete them.
- B. Special Services  
Specific special services are available to identified Special Populations Students enrolled in targeted programs in our school and the regional career center. These services are structured to promote the success of these students in their targeted vocational courses. Certain criteria must be met to be eligible for these services, which could include (but are not limited to): tutorial services, financial assistance, resource materials, counseling and assessments. Special Population Students should contact their counselor for specific information concerning special services available to them while enrolled in targeted programs.
- C. Access to programs  
Central High School does not discriminate on the basis of age, color, race, national origin, sex, religion or disability.

#### IX. GRADES-CLASS RANK-HONOR ROLL-STUDENT SCHEDULING

- A. At the end of each grading period a scholastic honor roll is announced. A student who carries his basic subjects with an average of 3.00 or more will be placed on the school's "Honor Roll", provided no grade is less than a "C" in any course. The following courses are **not** used in calculating the GPA: SAEP, Community Service and Pass/Fail Courses. Rank in class is computed for students after each semester.
- B. Course Selection
- 1. Each course is identified as available to students who have attained a specific grade level. Students at a higher-grade level may select courses listed for underclassmen with counselor/instructor approval. The length of the course, the credit it offers, and the prerequisites are listed with each course description.
  - 2. Consult with your parents before turning in registration forms. Their approval is necessary before counselors will accept pre-registration forms.
  - 3. Choose courses wisely, meeting general and specific graduation requirements and college admission courses if applicable.
- C. Classification of courses with the weighted grading scale (see student handbook for details): Advanced Accounting, AP Psychology, Honors English II, III, & IV, Anatomy and Physiology, Inorganic Chemistry, Physics, Pre-Calculus, Calculus, Honors World History, Honors US History, Honors US History II, Spanish III, Spanish IV, IVS (AP Classes Only), and Transfer level Dual Enrollment courses at KCC.
- D. Students will be selected for Honors Courses based on: 1) completion of application materials (if applicable), 2) scoring in the top 30% of their class on local assessments, 3) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 4) teacher/administrative recommendation.
- E. FRESHMEN SCHEDULING
- 1. All freshmen shall be enrolled in English I and Science 9.
  - 2. All freshmen will be placed in Pre-Algebra, Algebra I, or Advanced Algebra. Teacher recommendation, standardized test scores, previous math grades, and performance on an algebra readiness test will be used to determine which of these classes is most appropriate for the student. Students who plan to enroll in college preparatory courses should consider enrolling in a minimum of Algebra I.
  - 3. All freshmen must enroll in Physical Education or Personal Development (except those that are exempt under guidelines in section XII), L.I.F.E., and Computer Applications I. Students must enroll in Health either their freshman or sophomore year.
  - 4. Classroom and behind-the-wheel Driver Education is offered at the freshman level during second semester. Classroom instruction shall be open to all freshman students who have passed 8 semester classes in the previous two semesters of enrollment. Student attendance is important since 30 hours of classroom instruction is required by law to pass.
- F. SOPHOMORE SCHEDULING
- 1. All sophomores must enroll in English II or English II Honors. Sectioning will be determined by grade records, test scores, and teacher recommendations.
  - 2. All sophomores must enroll in Introduction to Biology or Biology I
  - 3. All sophomores must enroll in a math class.

4. All sophomores must enroll in World History or World History Honors. Sectioning will be determined by grade records, test scores, and teacher recommendations.
5. All sophomores must enroll in Physical Education or Personal Development (except those that are exempt under guidelines in section XII).
6. A student who wishes to complete a five-year math sequence ending with Calculus ordinarily begins with Algebra I in the eighth grade. For students who take Algebra I during their freshmen year, it is possible to complete a five-year math sequence by taking both Formal Geometry and Advanced Algebra during the same year. Parent and teacher permission is required.
7. All sophomore students should check prerequisites prior to selecting the remainder of their courses.

G. JUNIOR SCHEDULING

1. All juniors must enroll in English III or English III Honors. Sectioning will be determined by grade records, test scores, and teacher recommendations.
2. All juniors must enroll in US History.
3. All juniors must enroll in a math class.
4. All juniors must enroll in Physical Education or Personal Development (except those that are exempt under guidelines in section XII).
5. All junior students should check prerequisites prior to selecting the remainder of their courses.

H. SENIOR SCHEDULING

1. All seniors must enroll in English IV or English IV Honors. Sectioning will be determined by grade records, test scores, and teacher recommendations.
2. All seniors must enroll in one semester of Resource Management unless they have passed the consumer education proficiency test.
3. All seniors must enroll in Physical Education or Personal Development (except those who are exempt under guidelines in section XII).
4. All seniors will register for one semester of US History II or US History II Honors.

X. PERMANENT RECORD

- A. A permanent record of all semester grades and college entrance test scores is maintained for each student. When a student needs a copy of his permanent record for a college application, for transfer to another school, or for job references, he must ask his counselor to prepare one for mailing and sign a transcript release request.
- B. The Illinois School Student Records Act of 1975 makes student records more accessible to students and parents and less accessible to everyone else. If a student transfers to another high school, a copy of his permanent record may be sent to the receiving schools at the school's request. The act also makes specific provisions for inspecting and challenging information in the student record. The provisions are available in the office and have been issued to each student in the district in written form. The provisions will again be issued to each student in the fall as a part of the Student Handbook.
- C. Student temporary records (disciplinary) may be included when transferring to another school.

XI. DUAL ENROLLMENT PROGRAMS

- A. Students who are sixteen and attain junior status may enroll in college courses at Kankakee Community College. Credits earned are held at KCC until high school graduation.
- B. Dual enrollment students must fill out a KCC college application and a College Enrollment Recommendation form. They are required to take the college entrance exam or may use their ACT scores.
- C. Dual Enrollment courses are used for class rank and grade point averages. Transfer level dual enrollment course are used for weighted class rank and grade point averages.

XII. EXEMPTION FROM PE

- A. Exemption to take an academic subject. Seniors may request exemption from physical education if scheduling will not allow them to take a class **REQUIRED** for graduation.
- B. Exemption may also be requested by a senior, if it is necessary for that student to take a class required for admission to a college of their choice. The guidance office may require a letter from the admissions office.
- C. A student carrying a college preparatory curriculum, enrolled in band and choir, or attending KACC may request a PE exemption if necessary to avoid a scheduling conflict.
- D. Medical exemption from PE will be granted to students only if a student brings a signed doctor's statement. If an alternate program is possible, the student will remain in the class for credit.
- E. All students (grades 9-12) who participate in two or more IHSA athletic sports may request exemption from physical education. Exemptions will be approved by the principal on a case-by-case basis.

XIII. KANKAKEE AREA CAREER CENTER

- A. Application and admissions criteria and procedures.
  1. Sophomores and juniors may apply for Career Center programs during December-January of each school year.

2. Criteria for selection includes: promptness in returning applications, attendance, absences, cumulative grade point average, discipline reports from previous years, student aptitudes and goals, and adherence to registration procedure.
- B. Program participation
1. A student is required to remain in the career center program for the entire year.
  2. A student is required to attend all assigned days, including those days when Central High School is not in attendance.

XIV. COLLEGE INFORMATION AND TYPICAL 4-YEAR SCHEDULE

**State University Foreign Language Requirements, Priority Filing Dates, Application Deadlines, and Application Fees for Admission**

University	Foreign Language Requirement for Admission	Foreign Language Requirement for Graduation	Priority Filing for Fall	Application Deadline	Application Fee
Chicago State University	Not Required	<u>All Majors</u> - 6 hours of college language (can be met by assessment/proficiency test or college level course only)	Before July 15	As space permits	\$25
Eastern Illinois University	Not Required	<u>All Bachelor Degrees</u> - 2 semesters of college language (can be met by 2 years of high school foreign language with "C" or better)	August 1 – December 1	On a rolling basis as space permits	\$30
Governor's State University	Not Required	Not Required	Apply at least 2-4 months in advance	On a rolling basis as space permits	\$25
Illinois State University	2 years of one foreign language <b>OR</b> 2 years of fine arts	<u>College of Arts and Sciences</u> - 2 semesters of college language (can be met by successful completion of 3 years of same foreign language in high school) <u>Bachelor of Arts</u> - 3 semesters of college language (can be met by proficiency test or college level courses only)	September 1 to November 15	Mar. 1	\$40
Northeastern Illinois University	Not Required	Not Required	June 1 - Apply early	July 1	\$30
Northern Illinois University	Humanities: 2 years of foreign language or combination of language, art, music, theatre	<b><u>Bachelor of Arts</u></b> – 2 years of one foreign language at the college level (can be met by 4 years of one foreign language in high school with "C" or greater in each course)	Sept. 1 to November 15	August 1	\$40
Southern Illinois University - Carbondale	Not required; used toward fulfillment of 2 year elective requirement. Must include two years of the same language.	<u>College of Liberal Arts</u> - one year (2 courses) of college language (met by college coursework or exam only) <u>Bachelor of Fine Arts</u> (in College of Liberal Arts) - exempt from language requirement	August 1 to May 1	As space permits	\$30

**State University Foreign Language Requirements, Priority Filing Dates, Application Deadlines, and Application Fees for Admission (Continued)**

<b>University</b>	<b>Foreign Language Req. for Admission</b>	<b>Foreign Language Requirement for Graduation</b>	<b>Priority Filing for Fall</b>	<b>Application Deadline</b>	<b>Application Fee</b>
Southern Illinois University - Edwardsville	Not Required - 2 years recommended	<u>Bachelor of Arts</u> - college language required (met by college level coursework only)	June 1 to Dec. 1	May 1	\$30
University of Illinois - Chicago	2 years of one language	<u>College of Business</u> - 2 semesters at college level (can be met by 2 years of language in high school) <u>College of Architecture and the Arts</u> - 2 semesters at college level (can be met by 2 years of language in high school) <u>College of Liberal Arts and Sciences</u> - 4 semesters at college level (met by language placement test or college level courses only)	Not Applicable	Jan. 15	\$50
University of Illinois - Springfield	2 years of one language or 2 years of fine arts. Honors students must have 2 years of one language.	<u>Freshman Honors Students</u> - must demonstrate foreign language speaking proficiency at the second year/sophomore level (can be met by assessment test or college courses only)	Not Applicable	As space permits	\$50
University of Illinois - Urbana-Champaign	2 years of one language, 4 years is recommended	<u>College of Business and Liberal Arts and Sciences</u> - up to the 4 <sup>th</sup> collegiate level of foreign language (can be met by 4 years of one high school foreign language) <u>All other colleges</u> - up to the 3 <sup>rd</sup> collegiate level (can be met by 3 years of high school foreign language)	September 1 to November 1 (postmark)	Jan. 2	\$50
Western Illinois University	2 years of foreign language or 2 years of an elective that may include: foreign language, music, art, theatre, film, religion, philosophy, speech, or journalism	<u>Selected majors</u> - bi-cultural-bi-lingual education, foreign language, and biology (can be met by 2 years of high school foreign language)	To guarantee consideration apply by May 15	As space permits	\$25 Online \$30 Paper

## Typical 4-Year Schedule

<b>College-Bound Students</b>			
	<b><i>Freshman Year</i></b>		<b><i>Sophomore Year</i></b>
1	English I	1	English II or English II Honors
2	Algebra I or Advanced Algebra	2	Advanced Algebra and/or Formal Geometry
3	Science 9	3	Biology I
4	L.I.F.E./Computer Apps. I	4	World History or World History Honors
5	Driver Education/PE or Driver Education/PD	5	PE or PD
6	Spanish I or Elective	6	Spanish II or Elective
7	Vocational or Music	7	Vocational or Music
8	Elective/Health	8	Elective/Health
	<b><i>Junior Year</i></b>		<b><i>Senior Year</i></b>
1	English III or English III Honors	1	English IV or English IV Honors
2	Formal Geometry or Pre-Calculus	2	Pre-Calculus or Calculus and/or Discrete Math
3	Inorganic Chemistry and/or Physics	3	Human Anatomy and/or Physics
4	US History or US History Honors	4	US History II or US History II Honors
5	PE or PD or Career Center	5	PE or PD or Career Center
6	Spanish III or Career Center	6	Spanish IV or Career Center
7	Vocational or Music or Career Center	7	Vocational or Music or Career Center
8	Elective or Career Center	8	Elective or Career Center
<b>Vocational Students</b>			
	<b><i>Freshman Year</i></b>		<b><i>Sophomore Year</i></b>
1	English I	1	English II or English II Honors
2	Pre-Algebra, Algebra I, or Advanced Algebra	2	Algebra I, Advanced Algebra, or Geometry
3	Science 9	3	Intro to Biology or Biology I
4	L.I.F.E./Computer Apps. I	4	World History
5	Driver Education/PE or Driver Education/PD	5	PE or PD
6	Vocational or Music	6	Vocational or Music
7	Elective/Health	7	Elective/Health
8	Elective	8	Elective
	<b><i>Junior Year</i></b>		<b><i>Senior Year</i></b>
1	English III or English III Honors	1	English IV or English IV Honors
2	Advanced Algebra or Geometry	2	Resource Management/US History II
3	Intro to Physical Science/Physical Science or Chemistry in the Community	3	Elective
4	US History	4	PE or PD
5	Career Center or Vocational or Music	5	Career Center or Vocational or Music
6	Career Center or Vocational or Music	6	Career Center or Vocational or Music
7	Career Center or Vocational or Music	7	Career Center or Vocational or Music
8	Career Center or Vocational or Music	8	Career Center or Vocational or Music

CODE #		SEM	GRADE	CODE #		SEM	GRADE
<b><u>ENGLISH</u></b>				<b><u>FOREIGN LANGUAGE</u></b>			
107	English I	1&2	9	543	Spanish I	1&2	9-12
117	English II	1&2	10	545	Spanish II	1&2	10-12
<b>119</b>	<b>English II Honors</b>	<b>1&amp;2</b>	<b>10</b>	<b>547</b>	<b>Spanish III</b>	<b>1&amp;2</b>	<b>11-12</b>
127	English III	1&2	11	<b>549</b>	<b>Spanish IV</b>	<b>1&amp;2</b>	<b>12</b>
<b>129</b>	<b>English III Honors</b>	<b>1&amp;2</b>	<b>11</b>	<b><u>HEALTH EDUCATION &amp; P.E.</u></b>			
137	English IV	1&2	12	603	Health	1or 2	9-10
<b>139</b>	<b>English IV Honors</b>	<b>1&amp;2</b>	<b>12</b>	615	Drivers Ed/PE	2	9
141	Intro to Speech	1or 2	10-12	616	Drivers Ed/PD	1	10
143	Creative Writing	1or 2	10-12	617	Physical Education	1	9-12
<b><u>MATHEMATICS</u></b>				618	Physical Education	2	9-12
209	Pre-Algebra	1&2	9-10	619	Personal Development	1	9-12
217	Algebra I	1&2	9-11	620	Personal Development	2	9-12
223	Advanced Algebra	1&2	9-12	624	PE/BTW	1	10
229	Informal Geometry	1&2	11-12	625	PD/BTW	1	10
231	Formal Geometry	1&2	10-12	<b><u>AGRICULTURE</u></b>			
233	Discrete Math	1or 2	11-12	701	Intro to Agriculture	1&2	9-10
<b>235</b>	<b>Pre-Calculus</b>	<b>1&amp;2</b>	<b>11-12</b>	703	Basic Horticultural Science	1&2	9-12
<b>237</b>	<b>Calculus</b>	<b>1&amp;2</b>	<b>12</b>	705	Basic Agricultural Science	1&2	10-11
<b><u>SCIENCE</u></b>				707	Basic Ag Mechanics	1&2	10-11
307	Science 9	1&2	9	709	Small Engines & Welding	1	10-12
315	Intro to Biology	1&2	10-12	710	Construction & Electricity	2	10-12
319	Biology I	1&2	10	711	Veterinary Science	1&2	11-12
331	Intro to Physical Sci	1	11-12	713	Floral Design	1	10-12
332	Physical Science	2	11-12	714	Landscape Design	2	10-12
333	Chemistry in Comm	1&2	11-12	715	Ag Sales & Marketing	1&2	11-12
<b>335</b>	<b>Inorganic Chemistry</b>	<b>1&amp;2</b>	<b>11-12</b>	717	Greenhouse Prod & Mgt	1&2	11-12
<b>337</b>	<b>Human Anat &amp; Phys</b>	<b>1&amp;2</b>	<b>11-12</b>	719	Ag Business Management	1&2	12
<b>339</b>	<b>Physics</b>	<b>1&amp;2</b>	<b>12</b>	721	SAEP I		9-10
711	Veterinary Science	1&2	11-12	723	SAEP II		11-12
<b><u>SOCIAL STUDIES</u></b>				<b><u>FAMILY &amp; CONSUMER SCIENCE</u></b>			
401	Basic Geography	1or 2	9-10	741	LIFE	1	9-10
419	World History	1&2	10	742	Clothing I	2	9-10
<b>421</b>	<b>World Hist Honors</b>	<b>1&amp;2</b>	<b>10</b>	743	Clothing II	1	10-12
429	US History	1&2	11	744	Clothing III	2	10-12
<b>431</b>	<b>US Hist Honors</b>	<b>1&amp;2</b>	<b>11</b>	745	Clothing IV	1	11-12
433	Psychology	1&2	11-12	746	Clothing V	2	11-12
434	<b>AP Psychology</b>	<b>1&amp;2</b>	<b>12</b>	748	Nutrition & Culinary I	2	9-10
436	Sociology	1or 2	10-12	749	Nutrition & Culinary II	1	10-12
440	US History II	1or 2	12	750	Nutrition & Culinary III	2	10-12
<b>441</b>	<b>US Hist II Honors</b>	<b>1or 2</b>	<b>12</b>	752	Child Development	1or 2	9-10
443	Organ. Leadership	1or 2	11-12	753	Adult Living	1	11-12
<b><u>FINE ARTS</u></b>				754	Parenting	2	11-12
501	Band	1&2	9-12	755	Living Environments	1or 2	11-12
503	Freshman Choir	1&2	9	763	Cl, Fas, Ap, Occ I & II	1&2	11-12
505	Concert Choir	1&2	10-12	765	Foods Serv Occ I	1&2	11-12
507	Adv Concert Choir	1&2	11-12	766	Foods Serv Occ II	1&2	11-12
509	Madrigals	1	11-12	767	FACS Coop Ed	1&2	12
510	Jazz Choir	2	11-12	<b><u>BUSINESS &amp; TECHNOLOGY</u></b>			
511	Music Tech	1or 2	9-12	773	Computer Apps I	1or 2	9
512	Fine Arts Survey	1or 2	9-12	775	Intro to Business	1&2	9-11
513	Intro to Theatre	1	9-12	777	Keyboard/WP Format	1&2	10-12
514	Theatre Arts	2	9-12	780	Advanced WP	1or 2	11-12
515	Music Theory I	1	11-12	781	Computer Apps II	1or 2	11-12
516	Music Theory II	2	11-12	783	Business Law I	1	10-12
525	Intro to Art	1or 2	9-12	784	Business Law II	2	10-12
				785	Accounting	1&2	10-12

CODE #		SEM	GRADE
<b><u>BUSINESS &amp; TECHNOLOGY (Cont.)</u></b>			
787	Adv Accounting	1&2	11-12
788	Entrepreneur St Govt	1&2	10-12
792	Resource Mgt	1or2	12
809	Publication Production	1&2	9-12
<b><u>ENRICHMENT</u></b>			
807	Community Service	1&2	12
811	Dual Enrollment	1&2	12
815	IVS	1&2	10-12
<b><u>KANKAKEE AREA CAREER CENTER</u></b>			
903	Pre-Engineering	1&2	11-12
904	Pre-Engineering II	1&2	12
905	Auto Tech	1&2	11-12
906	Auto Tech II	1&2	12
907	Business Mgmt	1&2	11-12
908	Business Mgmt II	1&2	12
909	Child Development	1&2	11-12
910	Child Development II	1&2	12

CODE #		SEM	GRADE
<b><u>KACC (CONTINUED)</u></b>			
911	Collision Repair	1&2	11-12
912	Collision Repair II	1&2	12
913	Computer Tech	1&2	11-12
914	Computer Tech II	1&2	12
915	Construction Tech	1&2	11-12
916	Construction Tech II	1&2	12
917	Cosmetology	1&2	11-12
918	Cosmetology II	1&2	12
919	Drafting/CAD	1&2	11-12
920	Drafting/CAD II	1&2	12
921	Fire/Rescue	1&2	11-12
922	Fire/Rescue II	1&2	12
923	Health Occupations	1&2	11/12
924	Health Occupations II	1&2	12
925	Law Enforcement	1&2	11-12
926	Law Enforcement II	1&2	12
927	Precision Metals	1&2	11-12
928	Precision Metal s II	1&2	12
929	Welding	1&2	11-12
930	Welding II	1&2	12

# ENGLISH

## ENGLISH I

### Grade 9

2 Semesters

English I includes the study of literature specifically through novels, short stories, and plays; however, other genres may be included. Reading comprehension strategies and vocabulary instruction will be emphasized. The course will also focus on developing strong writing skills. Students will learn about paragraph development, write essays that support individual interpretations of the literature being studied, and compose a variety of narrative papers. Grammar, spelling, and vocabulary will also be included to reinforce all writing skills.

## ENGLISH II

### *WRITING INTENSIVE REQUIRED COURSE*

### Grade 10

2 Semesters

English II focuses on the study of literature by utilizing texts from all different time periods including modern literature. This course will use multiple literary genres such as short stories, poetry, and novels. The students will read at least 3 novels throughout the year. A strong emphasis will be placed on grammar and vocabulary in order to help cultivate the students' writing skills. Writing will also be developed through a research unit which will include a thorough introduction to the library and all it has to offer in terms of sources and computer access as well as an introduction to the process of actually writing a research based paper in the MLA format. At the end of this unit the students will turn in a 4 to 5 page research paper or project on a cross-curricular topic from their science class. The students will also focus on persuasive writing and literary analysis/expository writing. This course will also include formal and informal oral presentations and independent novel study.

**Note:** This is a writing intensive course. Successful completion of this course meets one of the writing intense state requirements.

**Prerequisite:** English I

## ENGLISH II HONORS

### *WRITING INTENSIVE REQUIRED COURSE*

*(Weighted Course)*

### Grade 10

2 Semesters

English II Honors is designed to prepare students for college-level work. It is similar to English II but pushes the students to excel through a more in-depth study of the literature that is covered and through longer and more challenging writing assignments. The students will study at least 3 novels as well as a Shakespearean play. The students will still write a cross-curricular research paper or project with their science class, but it will be 5 to 6 pages in length. They will also be required to write two cross-curricular research papers with World History Honors throughout the year along with the persuasive and literary analysis/expository writing papers that theory will be completing over the pieces of literature that they study.

**Note:** This is a writing intensive course. Successful completion of this course meets one of the writing intense state requirements.

**Prerequisites:** English I and 1) completion of application materials, 2) scoring in the top 30% of their class on local assessments, 3) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 4) teacher/administrative recommendation

## ENGLISH III

### *WRITING INTENSIVE REQUIRED COURSE*

### Grade 11

2 Semesters

English III includes the study of American literature, and its relationship to American history. Various forms of American literature will be studied to acquaint students with different themes and concepts. Writing will address descriptive essays. Students will be required to read novels, write a research paper/literary analysis in conjunction with US History or US History Honors, study grammar and vocabulary. Students will choose a given novel from their English class, examine the novel's themes, characters, motifs, and conflicts, and draw on information learned in the US History class to relate how the novel's elements of literature relate to the time period the novel takes place and/or was written.

**Note:** This is a writing intensive course. Successful completion of this course meets one of the writing intense state requirements.

**Prerequisite:** English II or English II Honors

## ENGLISH III HONORS

### *WRITING INTENSIVE REQUIRED COURSE*

*(Weighted Course)*

### Grade 11

2 Semesters

English III Honors includes the study of American literature, and its relationship to American history, examining how prose has evolved and changed over time, and what cultural factors are responsible for those changes. Various forms of American literature will be examined to acquaint the students with different themes and concepts, including novels, plays, short stories, essays, and poems. Writing will address descriptive essays. Students will also be required to write a cross-curricular research paper with US History Honors, and study grammar and vocabulary. The English III Honors course is designed to prepare students for college level work and it will be taught at an accelerated pace.

**Note:** This is a writing intensive course. Successful completion of this course meets one of the writing intense state requirements.

**Prerequisites:** **English II or English II Honors and 1) completion of application materials, 2) scoring in the top 30% of their class on local assessments, 3) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 4) teacher/administrative recommendation**

### ENGLISH IV

**Grade 12**

**2 Semesters**

Students will read a variety of literature with a strong emphasis on British Literature. Students can expect to give oral presentations. Students will practice various forms of writing to improve critical thinking skills. The main focus will be on a personal essay, utilizing senior vocabulary. Grammar and vocabulary will be regular aspects of the class to strengthen writing skills. Students will also complete a senior project during first semester, which has a focus on preparing for college and on career development. This will be a major part of their semester grade.

**Prerequisite:** **English III or English III Honors**

### ENGLISH IV HONORS

*(Weighted Course)*

**Grade 12**

**2 Semesters**

English IV Honors is designed to prepare students for college-level work. This course will focus on close reading skills and literary interpretation, using a variety of literature. Students can expect to write several literary analysis papers to improve critical thinking skills. Each of these papers will focus on writing a strong, clear thesis and supporting it with effective textual evidence. Grammar and vocabulary will be regular aspects of the class to help strengthen writing skills. Students will be expected to give oral presentations. Students will also complete a senior project during first semester, which has a focus on preparing for college and on career development. This will be a major part of their semester grade.

**Prerequisites:** **English III or English III Honors and 1) completion of application materials, 2) scoring in the top 30% of their class on local assessments, 3) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 4) teacher/administrative recommendation**

### INTRODUCTION TO SPEECH

**Grades 10, 11, 12**

**1 Semester**

This course is designed to aid students in their classroom presentations and general communication skills. Students will present a variety of speeches including an informative, demonstrative, and persuasive speech. Students will analyze various types of listening and speaking techniques used in group, informal, and formal settings. Students will learn the proper use of the voice and posture. Students can expect to conduct a formal debate on a contemporary topic.

### CREATIVE WRITING

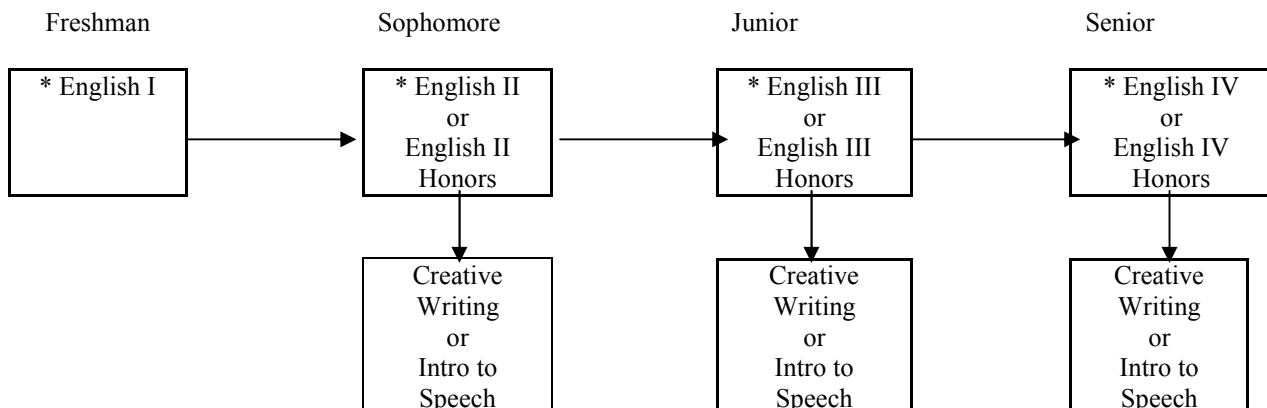
**Grades 10, 11, 12**

**1 Semester**

Creative writing is designed to aid students in their creative expression, as well as delivery of one's writing. Students will read and discuss articles on the craft of writing. The first quarter will focus on fiction. Students will read and evaluate the effectiveness of fiction of varying styles. They will write and workshop short stories to complete a final portfolio. The second quarter will focus on poetry. Students will learn poetic vocabulary and read interpret poems of varying styles. Students will write and workshop each other's poetry to complete a final portfolio at the end of the quarter. Students will be expected to deliver their writing to an audience.

**Prerequisite:** **Open to English students who have a grade of "B" or better in previous semester's English Class(es), or upon review of creative writing samples**

## English Sequences



# MATH

## PRE-ALGEBRA

### Grade 9

2 Semesters

Pre-Algebra includes introductory topics in both algebra and geometry. Algebra topics covered include algebraic expressions, integers, solving equations and inequalities, linear functions and graphing, and polynomials. Geometry topics include angle relationships, polygons, area, and applying algebra to the right triangle.

## ALGEBRA I

### Grades 9, 10

2 Semesters

Algebra I is an introductory course for the study of higher mathematics. Topics include: the language of algebra, solving equations & problems, polynomials, products & factoring systems of open sentences in two variables & quadratic equations. This course is double blocked with students earning two credits upon successful completion.

## ADVANCED ALGEBRA

### Grades 9, 10

2 Semesters

This course begins with a brief review of Algebra I topics. Additional topics include: factoring, solving equations using factoring, applications of algebra skills, inequalities, linear equations and functions and graphing, systems of equations, exponents, rational expressions, irrational, imaginary and complex numbers and quadratic equations and functions and the quadratic formula.

**Note:** A scientific calculator is required for this course.

**Prerequisite:** Algebra I

## INFORMAL GEOMETRY

### Grades 11, 12

2 Semesters

Informal Geometry provides an introduction to basic geometric topics including language, classification and properties of polygons, congruence, similarity, parallel lines, area and volume, right triangle trigonometry and coordinate geometry. This course uses an informal approach, which is not dependent on formal geometric proof.

**Note:** This course does not meet college entrance requirements for Geometry.

**Note:** A scientific calculator is required for this course.

**Prerequisite:** Pre-Algebra or Algebra I

## FORMAL GEOMETRY

### Grades 10, 11, 12

2 Semesters

This course includes the study of parallel lines, congruence, similarity, area and volume, right triangle trigonometry and coordinate geometry. In addition, formal geometric proof is emphasized and algebra, including solving linear systems and quadratic equations, is integrated throughout the course. Formal Geometry meets college entrance requirements for geometry.

**Note:** A scientific calculator is required for this course.

**Prerequisites:** Algebra I is required and Advanced Algebra is recommended

## DISCRETE MATHEMATICS

### Grades 11, 12

1 Semester

This course will include a study of variations, sequences and series, probability, matrices and determinants, statistics, and conic sections and a review of area and volume of solid geometric shapes.

**Note:** A scientific calculator is required for this course.

**Prerequisites:** Advanced Algebra and Formal Geometry

## PRE-CALCULUS

*(Weighted Course)*

### Grades 11, 12

2 Semesters

This course will include a study of functions, their graphs and applications of the functions. The type of functions covered will be: linear, quadratic, polynomial, exponential, logarithmic and trigonometric. The properties of reflection, symmetry, translating and inverses will be applied to these functions. The six trigonometric functions will be studied and applied to graphs, simple equations, inverses and the unit circle.

**Note:** A scientific calculator is required for this course.

**Note:** A grade of "C" or higher in these prerequisites is encouraged.

**Prerequisites:** Advanced Algebra and Formal Geometry and 1) scoring in the top 30% of their class on local assessments, 2) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 3) teacher/administrative recommendation (No application required)

## CALCULUS (Weighted Course)

**Grade 12**

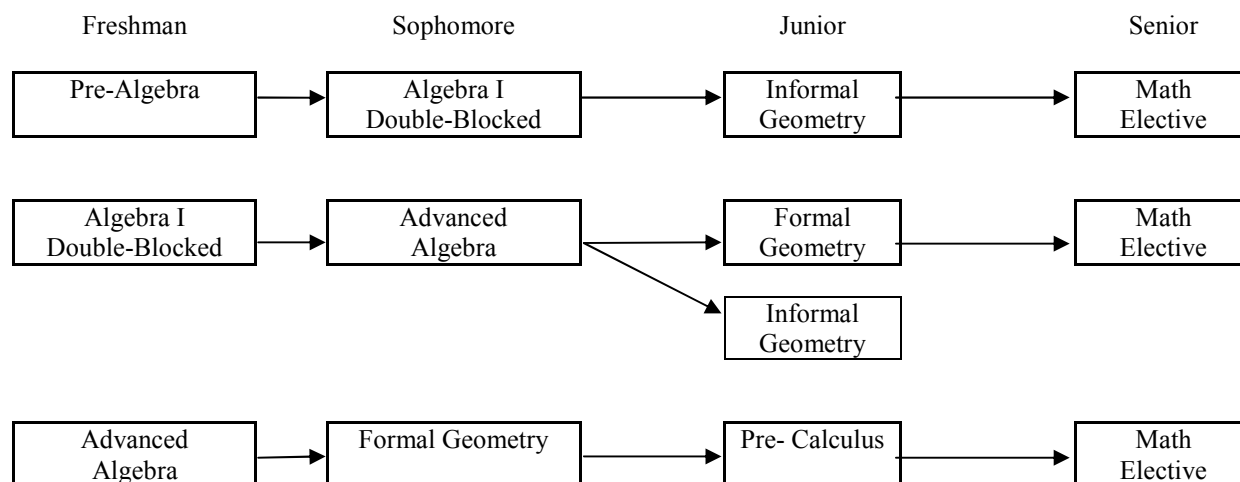
**2 Semesters**

This course will include a study of functions, limits, the techniques of finding derivatives and integrals as well as their applications of derivatives and integrals. The course is equivalent to the first semester of calculus at the college level.

**Note:** A scientific calculator is required for this course.

**Prerequisites:** A minimum grade of “C” in Pre-calculus and 1) scoring in the top 30% of their class on local assessments, 2) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 3) teacher/administrative recommendation (No application required)

## Math Sequences



## SCIENCE

### SCIENCE 9

**Grade 9**

**2 Semesters**

The course includes the study of the earth and its processes. Emphasis is on the constant changing of the earth and the effects of these changes. Topics studied include mapping skills, earth-moon system, earthquakes, plate tectonics, rocks, and minerals, atmosphere and meteorology. A research paper on environmental issues is required.

### INTRODUCTION TO BIOLOGY

**Grades 10, 11, 12**

**2 Semesters**

This course is designed to give the student an overview of the different aspects of the biological sciences (botany, zoology, anatomy, ecology, chemistry, and life science.)

**Note:** This course does not meet college entrance requirements for Biology.

**Note:** Students cannot take Introduction to Biology and Biology I.

### BIOLOGY I

**Grade 10**

**2 Semesters**

This course is a discussion and laboratory-based course about the study of life, ranging from the scientific method, cellular processes, molecules, genetics, the kingdoms, and classifications. Dissections of organisms that complement course work may occur. A research paper with English will be required.

**Note:** This course is required as a prerequisite for Chemistry in the Community and Inorganic Chemistry.

**Prerequisite:** Science 9

### INTRODUCTION TO PHYSICAL SCIENCE

**Grades 11, 12**

**1 Semester**

This course is designed to give students the opportunity to learn the basic fundamental involved in physics. Students will be able to define and use the concepts of inertia, velocity, acceleration, and momentum; distinguish the difference between force, work, and power; demonstrate and quantify potential and kinetic energy; explain gravity's effects on items such as oceans and planetary orbits; find the relationship between magnetism and electricity, voltage and currents, circuits and coils; and identify properties of waves including frequency, amplitude, and velocity, resonance and interference, and the electromagnetic spectrum.

**Prerequisites:** Introduction to Biology or Biology I and Pre-Algebra or Algebra I are recommended

## PHYSICAL SCIENCE

**Grades 11, 12**

**1 Semester**

This course is designed to give students the opportunity to learn the basic fundamentals involved in physical science disciplines of particle physics, Earth science, meteorology, and astronomy. Students will be able to define the atomic characteristics that make elements unique including atomic number, visible light spectra, and electron shells; distinguish between alpha, beta, and gamma radiation and know natural sources for each; describe the basics for nuclear energy; understand Seismic waves, Earth mantle, and plate tectonics in global events; connect the effects of ocean, air, and sun in its role for weather change; interpret a weather map; and locate celestial markers in the sky.

**Prerequisites:** **Introduction to Biology or Biology I and Introduction to Physical Science and Pre-Algebra or Algebra I are recommended**

## CHEMCOM: CHEMISTRY IN THE COMMUNITY

**Grades 11, 12**

**2 Semesters**

The course is designed to stimulate an understanding of chemistry in your life. Topics center on chemistry-related solutions found for society and the world. Centered on laboratory experiences, an appreciation of chemical processes and reactions are met through problem solving. Examples of topics studied are conserving resources, food composition, environment impact, nuclear energy, and health.

**Prerequisites:** **Biology I and Algebra I (Grades of A or B strongly suggested)**

## BASIC AGRICULTURE SCIENCE

**Grades 10, 11**

**2 Semesters**

This orientation course builds on the basic skills and knowledge gained in the Introduction to Agriculture course. Major units of instruction include advanced levels of plant science, soil science, animal science, natural resources, business management, and meat science technology. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative. **THIS COURSE WILL MEET THE GRADUATION REQUIREMENT OF A SCIENCE ELECTIVE** if taken with the Introduction to Agriculture or Basic Horticulture Science sequence.

**Prerequisite:** **Introduction to Agriculture or Basic Horticulture Science**

## VETERINARY SCIENCE

**Grades 11, 12**

**2 Semesters**

This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal nutrition, animal reproduction, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative. **THIS COURSE WILL MEET THE GRADUATION REQUIREMENT OF A SCIENCE ELECTIVE** if taken with the Introduction to Agriculture and Basic Agricultural Science sequence.

**Prerequisite:** **Biology and Basic Agricultural Science or Instructor Approval**

## INORGANIC CHEMISTRY

*(Weighted Course)*

**Grades 11, 12**

**2 Semesters**

The course is designed for college bound students who plan science-related and medical careers. Topics include; properties of matter, writing formulas and equations, periodic table, atomic structure, gas laws, electrochemistry, and nuclear chemistry. This course is required for Physics.

**Note:** Enrollment in Advanced Algebra recommended. Required for the Human Anatomy and Physiology course.

**Prerequisites:** **Biology I and Algebra I (Grade of A or B strongly suggested) and 1) scoring in the top 30% of their class on local assessments, 2) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 3) teacher/administrative recommendation (No application required)**

## HUMAN ANATOMY AND PHYSIOLOGY

*(Weighted Course)*

**Grades 11, 12**

**2 Semesters**

The course is for those interested in science-related fields. Anatomy and physiology is a discussion and laboratory based study of the human body. The study will range from molecules, cells, body systems, and processes. Dissection of a cat and other appropriate organs will compliment course work. This course is designed for college preparation, especially for biology and health career majors.

**Prerequisites:** A grade of "A" or "B" in Biology I and completion of Inorganic Chemistry are required and 1) scoring in the top 30% of their class on local assessments, 2) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 3) teacher/administrative recommendation (No application required)

**PHYSICS**  
(Weighted Course)

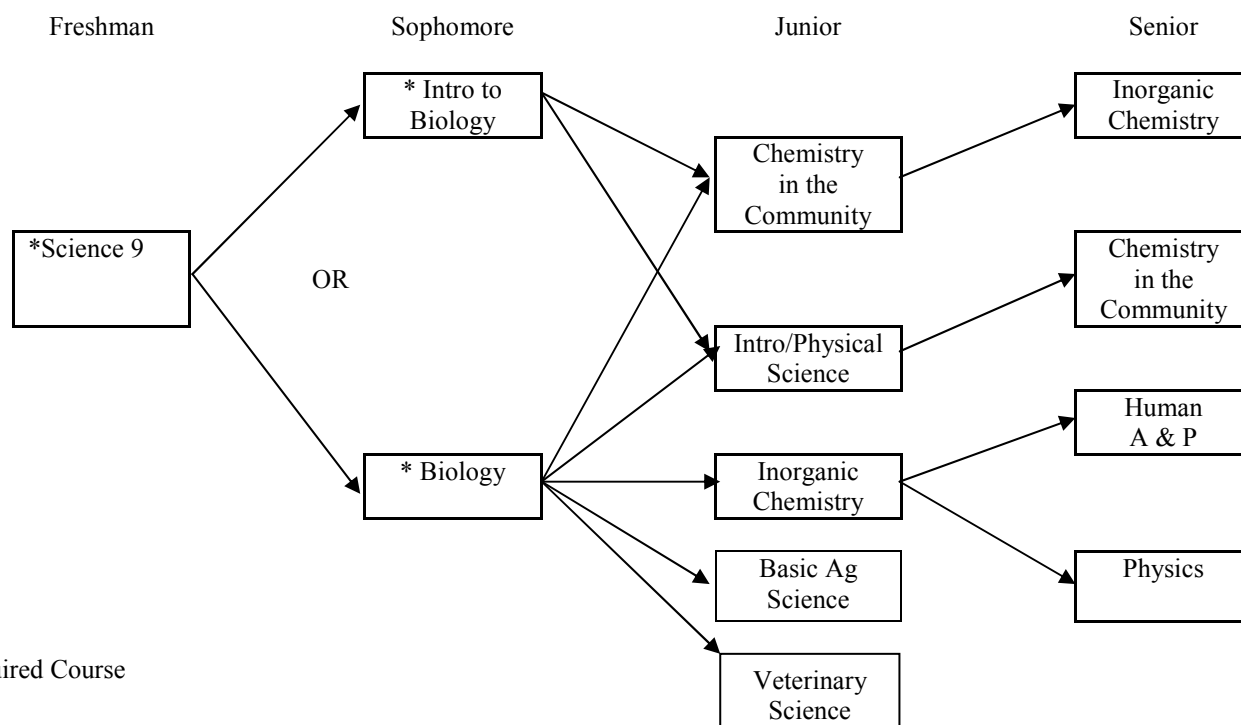
**Grade 12**

**2 Semesters**

Physics is the science of relationships between matter, energy and motion. The student will study kinematics in one and two dimensions, circular motion, potential and kinetic energy, electricity, thermodynamics, and particle physics. Students completing this course should be able to succeed in first-year college physics. An astronomy long-term, overnight project concludes the first semester with student interest project for second semester.

**Prerequisites:** A grade of "C" or higher in Inorganic Chemistry and Pre-Calculus (or currently enrolled) and 1) completion of application materials, 2) scoring in the top 30% of their class on local assessments, 3) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 4) teacher/administrative recommendation (No application required)

**Science Sequences**



**SOCIAL STUDIES**

**BASIC GEOGRAPHY**

**Grades 9, 10**

**1 Semester**

This course will give the students a greater knowledge of the world around them. Students will be able to locate areas, regions, bodies of water and specific countries on a map. While heavy emphasis will be placed upon US geography, the course will also teach students about the different types of land features found throughout the world.

**WORLD HISTORY**

**Grade 10**

**2 Semesters**

The course provides an overview of the history of the world. While European history is emphasized, ancient civilizations and significant African and Asian nations are studied. Throughout the year, students will begin to grasp the concept of the building, maintenance, and replacement of empires throughout history. Students will also learn about the impact major wars have had upon shaping our world into what it is today.

**WORLD HISTORY HONORS**  
*(Weighted Course)*

**Grade 10**

**2 Semesters**

A more rigorous version of World History that meets the same requirements but focuses heavily on primary source reading, historical research, and written analysis. Writing assignments will be an integral part of the student's grade. The topics will be similar to those in World History, but will be covered more in-depth and at an accelerated pace.

**Prerequisites:** 1) completion of application materials, 2) scoring in the top 30% of their class on local assessments, 3) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 4) teacher/administrative recommendation

**UNITED STATES HISTORY**

**Grade 11**

**2 Semesters**

This course is a one-year survey of the significant political, economic, social, cultural and diplomatic developments in the American History from the Encounter to 1945. Students will use primary and secondary source document analysis to address major themes, including the changing nature of U.S. Democracy, the changing face of American society, and the United States' changing role in the world. The course will also meet the U.S. and Illinois Constitution Test requirements.

**UNITED STATES HISTORY HONORS**  
*(Weighted Course)*

**Grade 11**

**2 Semesters**

A more rigorous version of U.S. History that meets the same requirements but focuses heavily on primary source reading, historical research, and written analysis. Writing assignments will be an integral part of the student's grade. The topics will be similar to those in U.S. History, but will be covered more in-depth and at an accelerated pace.

**Prerequisites:** 1) completion of application materials, 2) scoring in the top 30% of their class on local assessments, 3) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 4) teacher/administrative recommendation

**UNITED STATES HISTORY II**

**Grade 12**

**1 Semester**

This course is a survey of the significant political, economic, social, cultural and diplomatic developments in American History from 1945 to the Present. Students will use primary and secondary source document analysis to address major themes, including the extension of Civil Rights in American society, U.S. expansion of Democracy and intervention in world affairs, Globalization and the threat of Anti-American terrorism.

**UNITED STATES HISTORY II HONORS**  
*(Weighted Course)*

**Grade 12**

**1 Semester**

A more rigorous version of U.S. History II that meets the same requirements but focuses heavily on primary source reading, historical research, and written analysis. Applying research skills, while integrating the elements of the writing process, will be focused upon throughout the semester. The topics will be similar to those in U.S. History II, but will be covered more in-depth and at an accelerated pace.

**Prerequisites:** 1) completion of application materials, 2) scoring in the top 30% of their class on local assessments, 3) maintaining a 3.0 or better G.P.A. in other courses in the same subject, and 4) teacher/administrative recommendation

**PSYCHOLOGY**

**Grades 11, 12**

**2 Semesters**

This course focuses on individual behavior and why an individual thinks, feels, and reacts to certain stimuli. Major emphases will be placed on research methods, stages in childhood and adolescence, how the brain works, altered states of consciousness, psychological testing, and psychological disorders.

**Note:** This is a college prep course and requires advanced reading and critical thinking skills.

**ADVANCED PLACEMENT PSYCHOLOGY**

**Grade 12**

**2 Semesters**

The Advanced Placement Program offers a course and exam in psychology to qualified students who wish to complete studies in secondary school equivalent to an introductory college course in psychology. The exam presumes at least one semester of college-level preparation. (College Board AP) AP Psychology is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice.

**Prerequisites:** Teacher Recommendation or an A in Psychology

## SOCIOLOGY

**Grades 10, 11, 12**

**1 Semester**

This course illustrates how the groups, or social structures, that one belongs to have a profound influence on the way you think, feel, and act. Sociology looks at groups rather than individuals. Major themes include deviance and social control, inequalities of gender and age, family and marriage, and social issues surrounding modern sport.

## ORGANIZATIONAL LEADERSHIP

**Grades 11, 12**

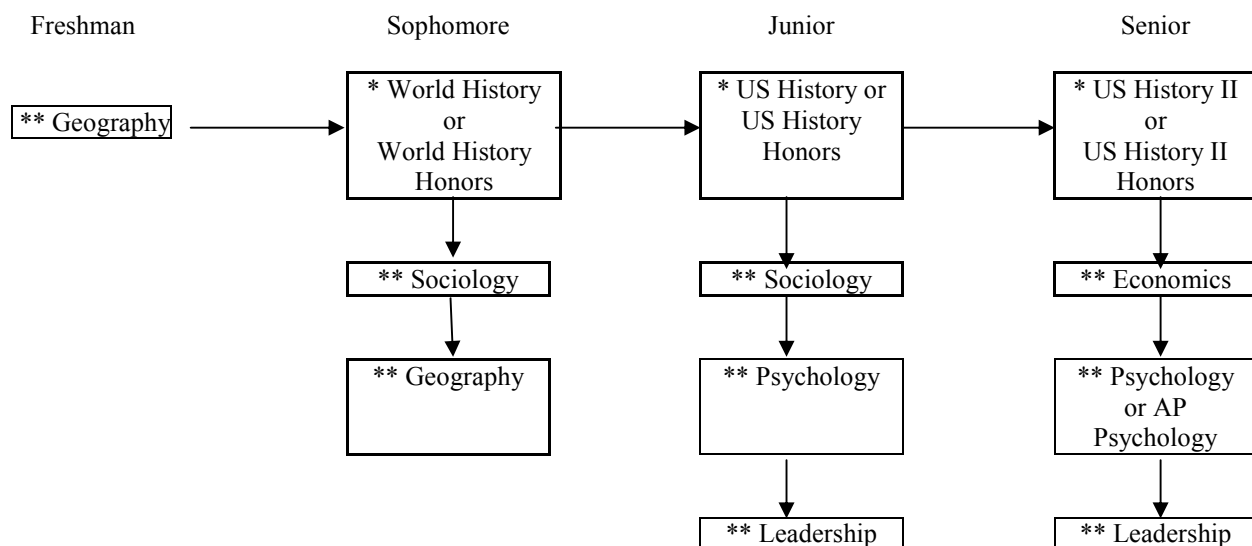
**1 Semester**

This class will educate students about how to develop personal leadership styles/skills and how those styles/skills relate to various organizational behaviors. Students will also be encouraged to pursue leadership endeavors in their individual field(s) of interest.

**Note:** This course requires advanced reading, critical thinking skills, and leadership performance.

**Prerequisites:** An application is required and must have a cumulative GPA of 2.75 or higher. Must obtain at least one letter of recommendation from a Central High School staff member. The recommendation should contain support for how the student exhibits leadership qualities and why they should be allowed to take the class. All pre-requisite requirements will be reviewed and evaluated, and candidates may be interviewed by the instructor and the principal.

## Social Studies Sequences



\* Required Course  
 \*\* Elective Course

## FINE ARTS/MUSIC

### HIGH SCHOOL BAND

**Grades 9, 10, 11, 12**

**2 Semesters**

Participation in band includes membership in the Marching, Pep, and Concert Band. Permission from the director is required if the student has no previous or no recent band instrument experience. Jazz Band membership is determined by instrumentation and audition. Participation is required in the winter and spring concert, the IHSA Organizational Contest, and at all scheduled marching band and pep band performances. Most performances occur in the evening. Some Saturday performances are scheduled.

### FRESHMAN CHOIR

**Grade 9**

**2 Semesters**

This mixed choir is open to men and women. There is no audition required for the course. All members are required to perform for the fall, winter, spring concerts, and Organizational contest. Students are eligible to for the IHSA Solo & Ensemble contest in the spring. Members may also audition for New Impressions (show choir).

## CONCERT CHOIR

**Grades 10, 11, 12**

**2 Semesters**

This mixed choir is open to men and women. There is no audition required for the course. All members are required to perform for the fall, winter, spring concerts, and Organizational contest. Students are eligible to for the IHSA Solo & Ensemble contest in the spring. Members may also audition for New Impressions (show choir).

## ADVANCED CONCERT CHOIR

**Grades 11, 12**

**2 Semesters**

This mixed choir is open to men and women. An audition with the director is required for this course. All members are required to perform for the fall, winter, spring concerts, and Organizational contest. Students are eligible to participate in the IHSA Solo & Ensemble contest in the spring. Members may also audition for New Impressions (show choir).

## MADRIGALS

**Grades 11, 12**

**1 Semester**

This class involves the study and performance of madrigal music. This class is for the advanced singer/performer. This class offers the opportunity to learn and perform accapella music in 4-6 parts. Madrigals perform for the fall concert, winter concert, and present Madrigal Dinner in December.

**Note:** Membership into class by audition only

**Prerequisite:** One year of choir

## JAZZ CHOIR

**Grades 11, 12**

**1 Semester**

This mixed choir is open to men and women in the Junior and Senior classes. An audition is required for the course. All members are required to perform for the spring concert and Organizational contest. Students are eligible to for the IHSA Solo & Ensemble contest in the spring. Members may also audition for New Impressions (show choir). This is a second semester course.

**Prerequisite:** One year of choir

## MUSIC TECH

**Grades 9, 10, 11, 12**

**1 Semester**

The student will gain a practical and working knowledge of the legal, professional, business and scientific aspects of music. Career options explored will include performing, broadcasting, producing, promoting, and retail sales of music. Students will operate Comet Records for one semester and will have direct input in the production and marketing of the latest Comet Records CD and/or related projects.

## FINE ARTS SURVEY

**Grades 9, 10, 11, 12**

**1 Semester**

Students will learn the essential role the arts have played in world societies and cultures. The content will include fine arts as a communication mode and the evolution and development of the arts. This class will focus on music and will also include examples of visual art, theater, and dance.

## INTRODUCTION TO THEATRE ARTS

**Grades 9, 10, 11, 12**

**1 Semester**

This class will introduce the students to the various arts that create a complete theatrical production: acting, sets, costumes, lights, sound, make-up, etc. Classroom requirements include participation on stage and behind stage in productions during school hours and maybe after school hours. There are no auditions. Students, however, will be expected to become actively involved in all aspects of a production.

## THEATRE ARTS

**Grades 9, 10, 11, 12**

**1 Semester**

This course is a continuation of the Theatre sequence. More in depth study of various arts that create a complete theatrical production: acting, sets, costumes, lights, sound, make-up, etc. Classroom requirements include participation on stage and behind stage in productions during school hours and maybe after school hours. Students, however, will be expected to become actively involved in all aspects of a production.

**Prerequisite:** Introduction to Theatre Arts or Instructor Approval

## MUSIC THEORY I

**Grades 11, 12**

**1 Semester**

The student will gain a practical and working knowledge of how music is constructed. Students will learn the basics of music theory including intervals, harmony, chordal and melodic ear training, chordal and melodic analysis and basic composition. Application required.

## MUSIC THEORY II

**Grades 11, 12**

**1 Semester**

Students in this class will learn about musical form, how to write melodies, how to select chord progressions for a given melody, how to arrange for four-part chorus, how to arrange for instrumental ensembles and how a professional composer/arrange approaches a task

**Prerequisite:** A grade of "C" or better in Music Theory I

## INTRODUCTION TO ART

**Grades 9, 10, 11, 12**

**1 Semester**

This is a foundation course for the student who has shown an interest in the visual arts. The elements of art: line, shape, texture, value, color, and space will be introduced. Through various hands-on projects, the student will demonstrate understanding of these elements, as well as the sensory, technical, and expressive qualities of art. In addition to this, the student will gain knowledge in the following areas of art history: Overview of World Art; Art in Various Cultures; Worldwide Themes in Art; Art of the Non-Western World: Indian, Chinese, Japanese; Tribal Art: African, Pre-Columbian, Native American; Egyptian Art; Greek Art; Roman Art; and Frank Lloyd Wright Architecture.

## Music/Fine Arts Sequences

### Instrumental Music

Band (1-4 years)	9, 10, 11, 12
Music Theory I (semester)	11, 12
Music Theory II (semester)	11, 12

### Vocal Music

Freshman Choir (year)	9
Concert Choir (year)	10, 11, 12
Advanced Concert Choir (year)	11, 12
Madrigals (semester)	11, 12
Jazz Choir (semester)	11, 12
Music Theory I (semester)	11, 12
Music Theory II (semester)	11, 12

### Theatre Arts

Intro to Theatre Arts (semester)	9, 10, 11, 12
Theatre Arts (semester)	9, 10, 11, 12
Music Tech (semester)	9, 10, 11, 12

### Non-Performing Arts

Fine Arts Survey (semester)	9, 10, 11, 12
Introduction to Art (semester)	9, 10, 11, 12
Intro to Theatre Arts (semester)	9, 10, 11, 12
Music Tech (semester)	9, 10, 11, 12
Music Theory I (semester)	11, 12
Music Theory II (semester)	11, 12

## FOREIGN LANGUAGE

### SPANISH I

**Grades 9, 10, 11, 12**

**2 Semesters**

The course provides an introduction to the language and culture of the Spanish-speaking world. The program focuses on listening, speaking, reading, and writing. A high level of student participation is expected.

**Prerequisite:** Must earn a minimum grade of "C" in previous English course

### SPANISH II

**Grades 10, 11, 12**

**2 Semesters**

At the end of the course the student should have a command of the vocabulary and structures appropriate to this level of study for personal communication in Spanish, as well as an appreciation of the wide variety of cultures in the Spanish-speaking world.

**Prerequisite:** Must earn a minimum grade of "C" in Spanish I

**SPANISH III**  
*(Weighted Course)*

**Grades 11, 12**

**2 Semesters**

Spanish III will provide concentration on speaking skills while refining grammar and sharpening reading and writing skills.

**Prerequisite:** Must earn a minimum grade of "B" in Spanish II

**SPANISH IV**  
*(Weighted Course)*

**Grade 12**

**2 Semesters**

Spanish IV will provide concentration on listening and speaking skills while refining grammar and continued work in reading and writing skills.

**Prerequisite:** Spanish III

**Spanish Sequence**



**DRIVER EDUCATION/HEALTH/  
PHYSICAL EDUCATION/PERSONAL DEVELOPMENT**

**HEALTH**

**Grades 9, 10**

**1 Semester**

The course focuses on positive health practices emphasizing wellness for optimal health. Topics required by the Comprehensive Health Education Act will be covered. Other topics will focus on areas of concern for this age group. A fee will be collected for the Red Cross Unit.

**DRIVER EDUCATION**

**Grade 9**

**1 Semester**

The student will receive at least 30 hours of classroom instruction. The course is designed to help the beginner become a skilled and responsible driver. In order to receive instruction permits, the students will be required to pass the written state test. The current fee for the state test is \$20.00. A student must have earned 8 semester classes to take Driver Education. Exemptions may be considered for qualifying transfer students.

**Behind-the-Wheel Fee**

**PHYSICAL EDUCATION**

**Grades 9, 10, 11, 12**

**2 Semesters**

The physical education program at Central progresses from grades nine through twelve. The program is developmental in nature, stressing physical wellness/fitness, motor skills, teamwork, setting goals, valuing effort, dealing with competition, cooperation, motivation, journal writing, and developing problem solving skills. The curriculum covers rules, skills, and strategy for many games, sports, and lifelong wellness activities. Note: Only one PE class per semester unless making up credit. You may not waive PE for an academic class if you have previously failed PE and have not made up that credit. Field trip fees, not to exceed an annual total of \$12.00, may be collected throughout the year.

**Uniform Fee**

**PERSONAL DEVELOPMENT**

**Grades 9, 10, 11, 12**

**2 Semesters**

The focal point of this course is to develop and maintain core strength in major muscle groups. These students will also develop and maintain cardiovascular conditioning as well as improve agility and explosive movements. The students will monitor strength improvements through weight training and agility improvements by using plyometric training, circuit training, and cardiovascular endurance training. They will chart and record their performance to show improvement throughout the year. The students will also learn how to test their body fat, monitor their weight and height, and show increase in speed and jumping abilities. Field trip fees, not to exceed an annual total of \$12.00, may be collected throughout the year.

**Uniform Fee**

# AGRICULTURE

Illinois School Code 105 ILCS 5/2-3.80(a) states: “Districts choosing to offer a secondary agricultural education program eligible for state and federal funding consideration must assure that, at a minimum, the following are available to all students; an instructional sequence of course s approved by the Illinois State Board of Education; a state and nationally affiliated FFA chapter integral to instruction, not treated as an extracurricular activity; and a mechanism for assuring the involvement of all secondary agricultural education students in formal supervised agricultural experience (SAEP) activities/programs.

**All students in an agriculture course will be assessed \$10 at registration for their FFA membership dues.**

## INTRODUCTION TO AGRICULTURE

**Grades 9, 10**

**2 Semesters**

This orientation course provides an opportunity for students to learn how the agriculture industry is organized; its major components; the economic influence of agriculture at state, national, and international levels; and the scope and types of job opportunities within the industries. Basic concepts in animal science, plant science, business management, mechanics and technology, and food science technology will be presented. The development of leadership, public speaking, employability and computer skills will also be taught. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative.

## BASIC HORTICULTURAL SCIENCE

**Grades 9, 10, 11, 12**

**2 Semesters**

This orientation course is designed to develop knowledge and skills in the following areas: understanding the horticulture industry, plant anatomy and physiology, FFA, using soil and other plant growing media; identifying horticultural plants; propagating horticultural plants; care and maintenance of houseplants, basics of growing horticultural plants in greenhouse and nursery settings; identifying landscape plants, landscape construction techniques, and installing landscape plants. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will be required to demonstrate horticulture knowledge and customer relations by working a minimum of 5 hours during the Central FFA cooperative plant sale season.

## BASIC AGRICULTURE SCIENCE

**Grades 10, 11**

**2 Semesters**

This orientation course builds on the basic skills and knowledge gained in the Introduction to Agriculture course. Major units of instruction include advanced levels of plant science, soil science, animal science, natural resources, business management, and meat science technology. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative. **THIS COURSE WILL MEET THE GRADUATION REQUIREMENT OF A SCIENCE ELECTIVE** if taken with the Introduction to Agriculture or Basic Horticulture Science sequence.

**Prerequisite: Introduction to Agriculture or Basic Horticulture Science**

## VETERINARY SCIENCE

**Grades 11, 12**

**2 Semesters**

This course will develop students’ understanding of the small and companion animal industry, animal anatomy and physiology, animal nutrition, animal reproduction, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEP’s, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative. **THIS COURSE WILL MEET THE GRADUATION REQUIREMENT OF A SCIENCE ELECTIVE** if taken with the Introduction to Agriculture and Basic Agricultural Science sequence.

**Prerequisites: Biology and Basic Agricultural Science or Instructor Approval**

## FLORAL DESIGN

**Grades 10, 11, 12**

**1 Semester**

This course focuses on the floral design industry. Major units of study include floriculture plant identification, care and handling of cut flowers, principles of art applied to floral design, and the mechanics of floral design. Agribusiness units will be introduced in merchandising, advertising, sales, and operating a retail floral business. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEP’s, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative.

**Prerequisite: Basic Horticultural Science or Instructor Approval**

## LANDSCAPE DESIGN

**Grades 10, 11, 12**

**1 Semester**

This advanced course focuses on the landscape design industry. Units of student instruction include: identifying landscape plants, designing landscape plans, and installing landscape plants. Students will be given the opportunity to develop a landscape plan for a property, and will also learn to install landscaping. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative.

**Prerequisite: Basic Horticultural Science or Instructor Approval**

## BASIC AGRICULTURAL MECHANICS

**Grades 10, 11**

**2 Semesters**

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics. Instructional areas include the basics of: safety, fundamentals of small engines, electricity, construction and wood working, welding, operating shop equipment safely, and technology in agriculture. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative.

**Prerequisite: Introduction to Agriculture**

## AGRICULTURAL SMALL ENGINES & WELDING

**Grades 10, 11, 12**

**1 Semester**

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in agricultural mechanics and basic knowledge and skills in welding and metallurgy work. Instructional areas include the basic fundamentals of operating, maintaining, and repairing small gasoline engines, diagnosing engine malfunctions, operating agricultural equipment safely, welding, metallurgy terminology and techniques, and operating welding equipment safely. Students will receive instruction in theory as well as hands-on experience in the mechanics laboratory. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative.

**Prerequisite: Basic Agricultural Mechanics**

## AGRICULTURAL CONSTRUCTION AND ELECTRICITY

**Grades 10, 11, 12**

**1 Semester**

In this course, theory and hands-on experience provide opportunities for students to develop basic knowledge and skills in building technology and electricity. Instructional areas include the basic fundamentals of construction, industry terminology, common building materials, concrete, basic fundamentals of installing, maintaining and repairing home and agribusiness wiring; commonly used electrical devices and applications; and experience working with electricity and construction tools safely. Students will receive instruction in theory as well as hands-on experience in the mechanics laboratory. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative.

**Prerequisite: Basic Agricultural Mechanics**

## AGRICULTURAL SALES & MARKETING

**Grades 11, 12**

**2 Semesters**

This course is designed to develop students' knowledge and skills in the area of selling and marketing agriculture products and services. Students will create video, radio, print, and webpage advertisements. Students will also learn basic economic principles, types of business structures and commodity marketing, customer relations' skills, as well as sales related duties. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative.

**Prerequisites: Basic Agriculture Science or Landscape Design or Floral Design or Agricultural Construction & Electricity or Agricultural Small Engines & Welding or Veterinary Science**

## GREENHOUSE PRODUCTION AND MANAGEMENT

**Grades 11, 12**

**2 Semesters**

This hands on capstone course focuses on the greenhouse management and related segments of the horticulture industry. Students will be part of the Central FFA Cooperative Board and will make managerial decisions for the greenhouse. Major units of study include greenhouse structures, and the culture of greenhouse crops, as well as merchandising, advertising, sales, and operating a business. Developing computer and workplace skills will be a focus. Students will be required to help at Plant Sales and plant deliveries. Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to

maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will be required to demonstrate horticulture knowledge and customer relations by working a minimum of 10 hours during the Central FFA cooperative plant sale season. Students will also be expected to present at the annual fall shareholders' meeting.

**Prerequisite:** **Agricultural Sales & Marketing**

### AGRICULTURAL BUSINESS MANAGEMENT

**Grade 12**

**2 Semesters**

Through this hands-on capstone course students will be a part of the board of directors of the Central FFA Cooperative. The Student experience will include general oversight of the cooperative including purchasing inventory, determining policies and procedures, receiving and depositing funds, disbursing payments, and other management duties.

Since FFA and Supervised Agricultural Experience Programs (SAEPs) are integral components of this course, students are required to maintain SAEPs, and be a member of the FFA while participating in activities of the FFA organization. Students will also be required to work outside of classroom instruction in the Central FFA Cooperative and present at the annual shareholder's meeting.

**Prerequisites:** **Agricultural Sales & Marketing is a prerequisite to this course and each student must be recommended by an Agriculture Instructor for enrollment in this course**

### SUPERVISED AGRICULTURAL EXPERIENCE PROGRAM I

**Grades 9, 10**

**2 Semesters**

This experience program is for students in the 9th and 10th grades. Students receiving career and technical credit in this area must be enrolled in an approved agricultural program sequence. Individual students will have a minimum of one approved project or acceptable plans for a project. Supervised study, project record bookwork, training plans and agreements, report writing, and instructor project visitation and supervision are essentials of the supervised agricultural experience. Registration will take place within the first month of the semester.

**Note:** Can be repeated for credit.

### SUPERVISED AGRICULTURAL EXPERIENCE II

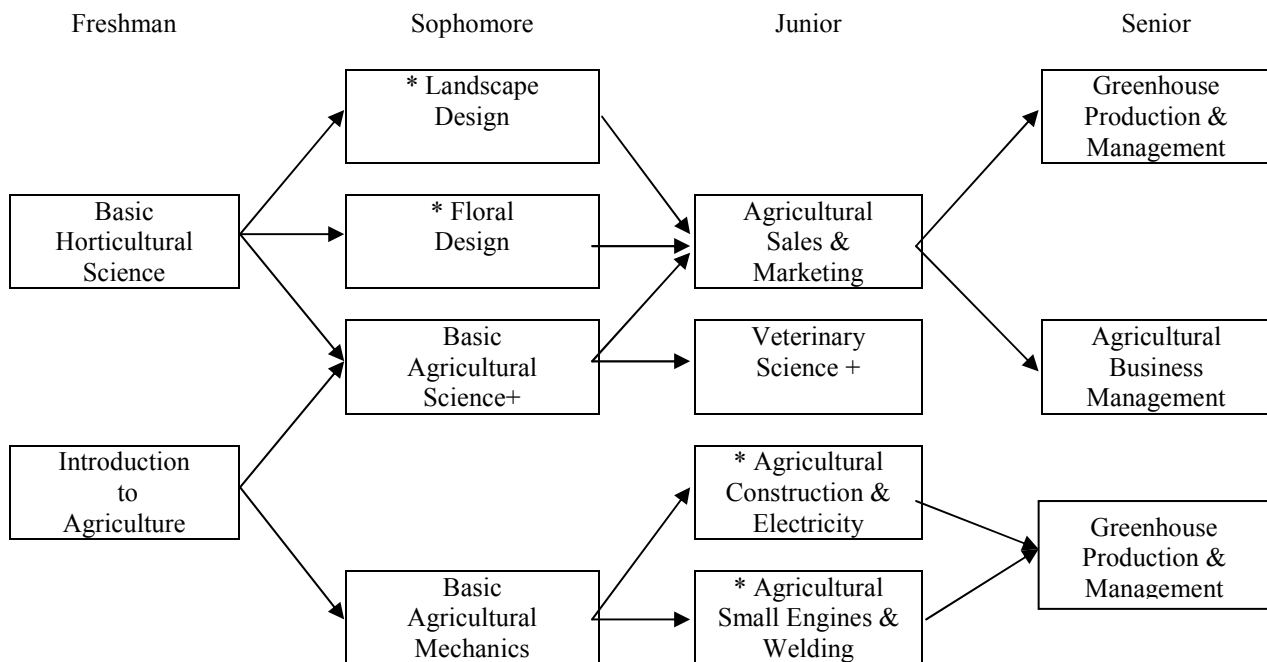
**Grades 11, 12**

**2 Semesters**

This experience program is for 11th and 12th grade agricultural students. The opportunities and responsibilities are similar to those discussed under Supervised Agricultural Experience I with the exception that the experiences are conducted at a more advanced level of skill training. The project should be expanded as the student progresses through the agricultural program. Registration will take place within the first month of the semester.

**Note:** Can be repeated for credit.

## Agriculture Sequences



\* denotes semester class  
+ denotes science credit

# BUSINESS & TECHNOLOGY

## COMPUTER APPLICATIONS I

### Grade 9

1 Semester

This course is designed for students to develop and improve basic skills in keyboarding technique and instruct students in document creation and processing. Initial emphasis is on keyboarding skill building and skill improvement. This course then focuses on the formatting of business and educational documents by utilizing Microsoft Word®, learning and developing Microsoft PowerPoint® presentations, and the producing of Microsoft Excel® spreadsheets.

## KEYBOARDING/WORD PROCESSING FORMATTING

### Grades 10, 11, 12

2 Semesters

Keyboarding/Word Processing Formatting is a course designed to enhance the skills acquired during the Keyboarding/Word Processing course. Students will continue to improve their letter, memorandum, report, and table formatting skills. Document formatting for personal, educational, and business uses will continue to be emphasized. A major emphasis is placed on increasing speed/accuracy and improving proofreading skills.

**Prerequisites:** Computer Application I, a keyboarding speed of at least 25 words per minute and Instructor Approval

## ADVANCED WORD PROCESSING

### Grades 11, 12

1 Semester

Advanced Word Processing is a skill-level course that includes the concepts and terminology related to the people, equipment, and procedures of information processing as well as skill development in the use of information processing equipment. Students will operate computer equipment to prepare memos, letters, reports, and forms. Students will create rough drafts, AND correct copy. Students will create data directories, copy, rename, move, and delete files, and perform backup procedures. In addition, students will prepare files to merge. Students will learn to locate and retrieve information from hard copy and electronic sources. Students will apply proper grammar, punctuation, spelling, and proofreading practices. Accuracy will be emphasized. Workplace skills as well as communication skills (thinking, listening, composing, revising, editing, and speaking) will be taught and integrated throughout this course.

**Prerequisites:** Keyboarding/Word Processing Formatting, a keyboarding speed of at least 40 words per minute, and Instructor Approval

## COMPUTER APPLICATIONS II

### Grades 11, 12

1 Semester

The course will explore how a typical computer system functions and the role computers have in our society. The Windows® operating system commands will be presented. Students will learn how to use Web 2.0 programs. The Microsoft Office® package will allow students to prepare documents (letters, tables and reports), enter statistical data, prepare presentations, and complete desktop publishing documents. The following programs will also be presented to students: Audacity, Photo Story, and Movie Maker. Students will respond to a daily blog and take notes in class. A midterm presentation will be required using all of the programs introduced during the semester as well as a final class presentation.

**Note:** This class is not appropriate for Career Center Computer Tech students.

**Prerequisite:** Computer Applications I

## INTRODUCTION TO BUSINESS

### Grades 9, 10

2 Semesters

This orientation level course will provide an overview of all aspects of business marketing and management including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Topics covered will include the various forms of business ownership, including entrepreneurship, as well as the basic functional areas of business (finance management, marketing, administration, and production). Students will be introduced to a wide range of careers in fields such as accounting, financial services, information technology, marketing, and management. Emphasis will be placed on using the computer while studying applications in these careers along with communication skills (thinking, listening, composing, revising, editing, and speaking), math and problem solving. Business ethics as well as other workplace skills will be taught and integrated within this course.

## BUSINESS LAW I

### Grades 10, 11, 12

1 Semester

This course is designed to introduce the student to the study of law through a brief look at how law developed, the legal system in the United States, the functions of the federal and state court systems, and civil and criminal law. Additional topics include computer law, financial crimes, legal careers, international law, discrimination, contracts and business organization. This course will help students become aware of their rights and responsibilities under the law so they can function as responsible citizens in their personal and professional lives.

**Prerequisites:** Introduction to Business or Instructor Approval

## BUSINESS LAW II

Grades 10, 11, 12

1 Semester

This course is designed to provide further study of the topics introduced in Business Law I.

**Prerequisites:** Business Law I

## ACCOUNTING

Grades 10, 11, 12

2 Semesters

Accounting is a skill-level course that is of value to all students pursuing a strong background in business, marketing, and management. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying, and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Instruction includes information on keeping financial records, summarizing them for convenient interpretation, and analyzing them to provide assistance to management for decision-making. Accounting computer applications will be integrated throughout the course where applicable. In addition to stressing basic fundamentals and terminology of Accounting, instruction will provide initial understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field. Practical accounting problems with business papers will emphasize actual business records management.

## ADVANCED ACCOUNTING

*(Weighted Course)*

Grades 11, 12

2 Semesters

Advanced Accounting is a skill-level course that builds upon the foundation established in Accounting. This course is planned to help students develop in-depth knowledge of the principles of accounting with more emphasis being placed on financial statements and accounting records. The course is a study of previously learned principles as they apply to more complicated types of business organizations. The students will become familiar with specialized fields of accounting: cost accounting, tax accounting, payroll accounting, managerial accounting, and financial projections/interpretations.

**Prerequisite:** A "C" average in Accounting

## ENTREPRENEURSHIP OF STUDENT GOVERNMENT

Grades 10, 11, 12

2 Semesters

This course will focus on learning about entrepreneurship through running the student council business of concessions, vending machines, and a Comet shop. Activities will include record keeping using technology, budgeting, ordering supplies and recruiting workers for concessions. The course will also feature a regular correspondent for the local paper, who will concentrate on positive aspects of our school and student council. A community service project will be part of the course and last the entire school year. A unit concentrating on community governments and part of the course and last the entire school year. A unit concentrating on community governments and the history of our community will be covered. The students will also have a direct impact on activities at our school, both during the school day and after school hours.

**Note:** Can be used to fulfill vocational education requirement as well as part of Business Department Course sequence. This course may be repeated for elective credit, however, only 2 credits will be granted toward graduation required credits. This is a pass/fail course.

**Prerequisite:** Must be a member of CHS Student Council and Separate application required and A minimum of 2.5 GPA must be maintained in order to take and stay in this class

## PUBLICATION PRODUCTION

Grades 9, 10, 11, 12

2 Semesters

The course will teach the skills of effective verbal and visual communication as well as time, money and human resource management skills. This course provides students with the knowledge and skills necessary to produce school newspapers, yearbooks, literary magazines, or other printed publications. Students may gain experience in several components (writing, editing, layout, production, etc.) or may focus on a single aspect while producing the publication. Extra-curricular assignments including photography, reporting, fund-raising, and sales are required as part of the publication production process.

**Note:** This is a pass/fail course

**Prerequisites:** An application in required  
(Can now be listed as vocational course.)

## Business & Technology Sequences

### Administrative Assistant

Introduction to Business (year)	9, 10
Computer Applications I (semester)	9
Keyboarding/Word Processing Formatting (year)	10, 11, 12
Advanced Word Processing (semester)	11, 12

Accounting (year)	10, 11, 12
Advanced Accounting (optional) (year)	11, 12
Computer Applications II (semester)	11, 12
Business Law I (semester)	10, 11, 12
Business Law II (semester)	10, 11, 12

**Accounting/College-Prep Business**

Introduction to Business (year)	9, 10
Computer Applications I (semester)	9
Accounting (year)	10, 11, 12
Advanced Accounting (year)	11, 12
Computer Applications II (semester)	11, 12
Business Law I (semester)	10, 11, 12
Business Law II (semester)	10, 11, 12

**Business Management/Marketing**

Introduction to Business (year)	9, 10
Computer Applications I (semester)	9
Accounting (year)	10, 11, 12
Advanced Accounting (year)	11, 12
Computer Applications II (semester)	11, 12
Business Law I (semester)	10, 11, 12
Business Law II (semester)	10, 11, 12

**Computer Fields**

Introduction to Business (year)	9, 10
Computer Applications I (semester)	9
Keyboarding/Word Processing Formatting (year)	10, 11, 12
Advanced Word Processing (semester)	11, 12
Accounting (year)	10, 11, 12
Advanced Accounting (year)	11, 12
Computer Applications II (semester)	11, 12
Business Law I (semester)	10, 11, 12
Business Law II (semester)	10, 11, 12

**Basic Business – Exploratory**

Introduction to Business (year)	9, 10
Computer Applications I (semester)	9
Accounting (year)	10, 11, 12
Computer Applications II (semester)	11, 12
Business Law I (semester)	10, 11, 12
Business Law II (semester)	10, 11, 12
Entrepreneurship of Student Government	10, 11, 12
Publication Production	9, 10, 11, 12

## FAMILY & CONSUMER SCIENCES

### LEARNING FOR INDEPENDENCE, FAMILY AND EMPLOYMENT (LIFE)

**Grades 9, 10, 11, 12**

**1 Semester**

In addition to being an introductory class to Family and Consumer Sciences, this **required freshman class** focuses on the transition from middle school to high school. It also focuses on the well being of an individual student in order to develop a healthy, well-adjusted, self-confident family member, community member, and worker. Eight basic units will include: healthy lifestyles, self-esteem, relationships, management, parenting, human development, life situations, and careers. Within the eight basic units, this class focuses on organization, study skills, note-taking strategies, and peer relationships. Some lab experiences will be included.

### CLOTHING I

**Grades 9, 10**

**1 Semester**

This course provides knowledge and understanding of textiles, fashions, and fabrics necessary in meeting the clothing and fabric (fashion) product needs of individuals, families, and the general public. The course content centers on developing student

competencies in understanding fibers & fabrics, figure types, patterns, & sewing equipment. Basic construction techniques are learned and a pillowcase and boxer/pants are sewn, as well as a garment that includes collar, buttons, and sleeves.

**Note:** The projects will require extra costs to the student.

**Prerequisite:** LIFE course

## CLOTHING II

**Grades 10, 11, 12**

**1 Semester**

This class increases the level of knowledge and skills of students as they construct, purchase, care for, and work with clothing, accessories, and textiles. Broad areas of emphasis include planning a wardrobe, consumer rights & responsibilities, selecting clothes for family members, and sewing and construction skills. More difficult construction techniques are learned. A book cover and sweatshirt are the first projects, and then a zipped garment will be constructed. An additional Christmas project will be completed, as well as a project book with samples and illustrations.

**Note:** The projects will require extra cost to the students.

**Prerequisites:** LIFE course and Clothing I

## CLOTHING III

**Grades 10, 11, 12**

**1 Semester**

This course reaches beyond the scope of the beginning clothing construction classes to include other related topics. Emphasis is placed on color, line, and design in fashion, as well as a better understanding of their own color palette in relationship to skin, eye, and hair color. Sewing skills will be a priority. Basic quilting skills (including rotary cutting) will be covered. A picture wall hanging will be constructed using hand-quilting techniques. A small quilt will be constructed using machine quilting.

**Note:** The projects will require extra cost to the student.

**Prerequisites:** LIFE course, Clothing I and II with at least “C’s”

## CLOTHING IV

**Grades 11, 12**

**1 Semester**

This course provides students with the opportunities to develop the competencies needed for employment in a variety of clothing, fashion, and apparel-related occupations. Areas of study include: performing sales related activities and meeting customer needs. Garment alteration and garment construction are included. Projects will include the following: “Fashion” book with samples, patchwork pillow, Halloween Costumes, crocheting, paper piecing, and embroidered project.

**Note:** The projects will require extra cost to the student.

**Prerequisites:** LIFE course, Clothing I, II, and III with at least “C’s”

## CLOTHING V

**Grades 11, 12**

**1 Semester**

This course provides students with the opportunity to develop advanced skills in clothing construction. Advanced equipment will be used as well as some entrepreneurial activities. A unit on Clothing and Fashion Careers will be included. Projects include: a lined garment (with at least 8 different techniques), and quilt.

**Note:** The projects will require extra cost to the student.

**Prerequisites:** LIFE course and Clothing I, II, III, and IV with at least “C’s”

## CLOTHING, FASHION & APPAREL SERVICES OCCUPATIONS I (Clothing VI)

**Grade 12**

**1 Semester**

This course provides students with the opportunities to develop the competencies needed for employment in a variety of clothing, fashion and apparel-related occupations. Areas of study include: safety procedures, performing advertising duties, and managing personnel. Pattern and garment alteration and garment construction will be included.

**Note:** The projects will require extra cost to the student.

**Prerequisites:** LIFE course and Clothing I, II, III, IV, and V

## CLOTHING, FASHION & APPAREL SERVICES OCCUPATIONS II (Clothing VII)

**Grade 12**

**1 Semester**

This course emphasizes the complexity in fashion services related skills. Content of this course focuses on the following: determining merchandise needs, selecting inventory, understanding consumer and industry trends, and performing operational functions. Projects will be related to fashion career.

**Note:** The projects will require extra cost to the student.

**Prerequisites:** LIFE course, Clothing I, II, III, IV, V, and Clothing, Fashion & Apparel Services Occupations I

## NUTRITION & CULINARY ARTS I

**Grades 9, 10**

**1 Semester**

This one semester course will teach students the basic components of good nutrition, including the interpretation and understanding of food labels, the food guide pyramid, and eating patterns based on the health and age of the consumer as well as the safety, sanitation, and sensory qualities of food. Lab experiences will provide students with the opportunity to study foods from a chemical, physical, & biological stance and prepare/preserve/serve basic recipes from each of the five food groups.

**Prerequisite:** LIFE course

## NUTRITION & CULINARY ARTS II

**Grades 10, 11, 12**

**1 Semester**

Through demonstrations and lab experiences, this one semester course will allow students to expand their knowledge of the nutritional consequences and procedures affecting the content of food. Course content will continue to include emphasis on safety and sanitation, food science, food purchasing and food conservation, as well as the introduction of careers in the field of food and nutrition.

**Prerequisites:** LIFE course and Nutrition & Culinary Arts I with a minimum grade of "C"

## NUTRITION & CULINARY ARTS III

**Grades 10, 11, 12**

**1 Semester**

During the course of this one semester class, students will move beyond the scope of the food guide pyramid and learn the components necessary for the successful completion of food preservation and chemistry, large quantity food production, and meal management. Emphasis will also be placed on careers in these industries as well as other food and nutrition related occupations.

**Prerequisite:** LIFE course and Nutrition & Culinary Arts II with a minimum grade of "C"

## FOOD SERVICES OCCUPATIONS I

**Grades 11, 12**

**2 Semesters**

This course provides information and practical experiences needed for the development of food service job-related competencies. The students receive laboratory experiences using commercial food service equipment, preparing food in quantity, and serving food. Safety and sanitation are emphasized. The course provides student with the necessary information and experiences to prepare them for the Department of Public Health sanitation examination. This certification enhances employment opportunities. Training experiences involve equipment and facilities simulate those found in business and industry.

**Prerequisite:** LIFE course and Nutrition & Culinary Arts I, II, and III

## FOOD SERVICES OCCUPATIONS II

**Grades 11, 12**

**2 Semesters**

In this course special emphasis is placed on management skills, human relations and personnel selection and supervision. Current and future industry trends and issues are analyzed. Additional topics include: cost control procedures, taking inventory, advertising, and monitoring consumer and industry trends.

**Prerequisites:** LIFE course, Nutrition & Culinary Arts I, II, III, and Food Services Occupations I

## CHILD DEVELOPMENT

**Grades 9, 10**

**1 Semester**

This course emphasizes knowledge and understanding of the intellectual, physical, social and emotional development of children from conception through adolescence. The content will center around the following duty areas: managing & organizing child development by applying decision-making and goal-setting skills; promoting child development by applying physical, social, intellectual and emotional principles; practicing health and safety standards for children; providing experiences encouraging children to maximize resources; encouraging human relations skills in children; and evaluating family and career changes in relation to impact on children. Information related to careers in child, day care, and educational services is incorporated throughout the course.

**Prerequisite:** LIFE course

## ADULT LIVING

**Grades 11, 12**

**1 Semester**

This one semester course focuses on the experiences, skills, and responsibilities students need to form healthy, mature and successful relationships in their adult lives. Topics covered include dating, marriage, sex roles, crisis management, effective problem solving and communication skills, and the family life cycle. Students will also read literature on ways to give and receive love in order to enhance all of their current and future relationships.

**Prerequisite:** LIFE course

## PARENTING

**Grades 11, 12**

**1 Semester**

This one semester course deals with the major aspects of parenting. Learning experiences, including the care of an electronic baby and the planning and implementation of several "preschool" activities will provide students with hands-on experiences of the

developmental stages of children from birth to early adolescence. Special emphasis will be placed on the development of the whole child in terms of individual physical, intellectual, emotional, and social growth and development, as well as the responsibilities, joys, and stressors involved in parenting.

**Prerequisite:** LIFE course

### LIVING ENVIRONMENTS

**Grades 11, 12**

**1 Semester**

This course will focus on topics related to living environments and will include the study of architectural history, housing styles, and the art principles and elements of design, particularly as they relate to room planning. The five elements of a room – floors, walls, windows, accessories, and furnishings – will also be studied to determine the variety and care of available materials. During this one semester class, students will also complete several projects which will provide hands-on experience, meet with and discuss current housing issues with professionals, and participate in several curriculum – related field trips

**Note:** The projects will require extra cost to the student.

**Prerequisite:** LIFE course

### FAMILY AND CONSUMER SCIENCES COOPERATIVE EDUCATION

**Grade 12**

**2 Semesters**

Family and Consumer Sciences Cooperative Education is designed for senior students interested in pursuing careers in occupations related to family and consumer sciences. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills, career exploration skills related to the job, as well as improving students’ abilities to interact positively with others. The course content includes the following broad areas of emphasis: further career education opportunities, planning for the future, job-seeking skills, personal development, human relationships, legal protection and responsibilities, economics and the job, organizations, and job termination. Classroom and worksite instruction is based on the tasks in an occupation.

### RESOURCE MANAGEMENT

**Grade 12**

**1 Semester**

Learning experiences will emphasize the knowledge, skills, and understanding needed by individuals and their families for the role of the consumer. Credit, budgeting, comparison-shopping, and use of financial resources are some of the topics covered. Throughout the course emphasis on the rights and responsibilities of consumers will be discussed. This course meets the requirements for consumer education instruction as required by the School Code of Illinois (Section 27-12:1).

**Note:** This is a graduation requirement. Students accepted into the Early College Program may be required to take this course during their junior year.

## Family and Consumer Science Sequences

#### Clothing & Textiles/Fashion Merchandising/Interior Design

LIFE (semester)	9, 10, 11, 12
Clothing I (semester)	9, 10
Clothing II (semester)	10, 11, 12
Clothing III (semester)	10, 11, 12
Clothing IV (semester)	11, 12
Clothing V (semester)	11, 12
Clothing, Fashion & Apparel Services Occ I & II	11, 12
FACS Cooperative Education	12
Career Center – Cosmetology (4 semesters)	11, 12

#### Child Development/Education

LIFE (semester)	9, 10, 11, 12
Child Development (semester)	9, 10
Adult Living (semester)	11, 12
Parenting (semester)	11, 12
Career Center – Child Care (4 semesters)	11, 12

#### Foods Occupations

LIFE (semester)	9, 10, 11, 12
Nutrition & Culinary Arts I (semester)	9, 10
Nutrition & Culinary Arts II (semester)	10, 11, 12
Nutrition & Culinary Arts III (semester)	10, 11, 12
Food Services Occupations I & II (2 semesters)	11, 12
FACS Cooperative Education	12

### **Occupation of Homemaking**

LIFE (semester)	9, 10, 11, 12
Nutrition & Culinary Arts I (semester)	9, 10
Clothing I (semester)	9, 10, 11, 12
Child Development (semester)	9, 10
Adult Living (semester)	11, 12
Parenting (semester)	11, 12
Living Environment (semester)	11, 12
Resource Management (semester)	12

## **ENRICHMENT**

### **COMMUNITY SERVICE**

#### **Grade 12**

**1 Semester**

This course is available to students interested in service to others. Opportunities as a teacher aide, tutor, library aide, office assistant, or department aide may be available. Placements may be on or off the Central High School campus and must be targeted toward an identified career goal. Applications will be reviewed by those interested in utilizing volunteers. Interviews will be required as part of the selection process. This course may be repeated. Attendance at two civic-community meetings is necessary, and student must participate in an approved service project.

**Prerequisites:** **Minimum of a 2.75 G.P.A.**

**Regular school attendance during the preceding school year**

**Evidence of ability to serve in a volunteer capacity**

**Ability to work independently**

**Completion of appropriate forms in a timely manner**

**Teacher recommendation and Principal's approval**

**Transportation available if needed**

### **DUAL ENROLLMENT**

#### **Grades 11, 12**

**1 or 2 Semesters**

This program is designed for juniors and seniors to take courses at KCC. Students must meet KCC enrollment requirements that include a placement test or appropriate ACT scores. Students are encouraged to enroll in online courses to defray transportation cost and scheduling conflicts. Students may enroll in one or two KCC courses per semester. The students will receive both college credit and elective high school credit. Transfer level courses will receive weighted credit. Course taken outside the high school hours may be granted high school credit if approved by the principal before the class begins.

**Note: The parents are responsible for the tuition, fees, and textbook costs for these courses.** Transfer level courses are given weighted grades for CHS credit. Non-transfer courses are counted for regular credit.

**Prerequisites:** **High school requirements for graduation must be met or the student must be currently enrolled in those classes**

### **ILLINOIS VIRTUAL SCHOOL (IVS)**

#### **Grades 10, 11, 12**

**1 or 2 Semesters**

Illinois Virtual School or IVS is for the student who is self-motivated and an independent worker. An Illinois Virtual School instructor offers IVS courses over the Internet. A student may take an IVS course if a desired course is not offered in the CHS curriculum or if the student has an unavoidable scheduling conflict in which he or she is unable to take a required course offered at CHS. A homebound student or expelled student may qualify to take an IVS course if the Principal, the student's teachers, and the parents/guardians determine that the student requires a differentiated or accelerated learning environment. Students may take courses listed as 1/2 Carnegie unit as a 1-semester course or as 1 Carnegie credit as a full year course. Course offerings are available through the guidance office. A grade of a D or F in an IVS course in a previous semester means the student cannot participate in a future course. Weighted credit is given for the Advanced Placement Courses (AP).

**Prerequisites:** **Counselor recommendation and Principal's approval**

**A commitment to complete the work**

**A demonstrated ability to work independently**

### **EARLY COLLEGE PROGRAM**

#### **Grade 12**

**2 Semesters**

The Early College Program is a program that allows select, qualified students from Central to earn both their high school diploma and work towards a college degree by attending KCC full time during their senior year of high school. Early College provides an opportunity for students to work in a more challenging educational environment and to excel academically while completing high school and college requirements.

**Prerequisites:** **Must have a 2.5 GPA, take the COMPASS test and score in the appropriate level, under the age of 19 as of September 1<sup>st</sup>, complete an application and all other documentation, and complete at least 12 credit hours.**

## **Kankakee Area Career Center** (Additional Fees Apply)

**AUTOMOTIVE TECHNOLOGY** – Technology in the automotive field has changed tremendously since the 1970's when solid-state ignition and finally computerization has come into full operation in new vehicles. 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 also takes the technician mechanic step by step through the process giving verbal instructions. The course begins at the basics of auto mechanic repair and maintenance of automotive equipment. The principle of automotive mechanics is preventive maintenance through diagnosis of failure, necessary adjustment, and repair/replacement of required parts. Most mechanics are responsible to work on the total vehicle, but some choose to specialize in such areas as transmission maintenance, brakes, front-end alignment, exhaust systems, drivability, etc. As the automotive mechanics program is designed to prepare the student to enter the field of auto service, emphasis is placed on learning to work as much as possible as a mechanic, meeting new and different problems with each vehicle encountered. All of the various components and systems of the automobile are covered including the engine and drive train, fuel systems, brake systems, and electrical systems, etc. (lab fee \$45 + \$35 for 2 year workbook)

**BUSINESS TECHNOLOGY/MANAGEMENT** program at KACC is designed to introduce students to the planning, marketing, operation and management of a business. Program content will include general principles and practices of business planning, organization, management, entrepreneurship, information systems, communication, finances and marketing. Interpersonal skills, brainstorming techniques, problem-solving and conflict management will also be covered. In addition, students will utilize Microsoft Office programs to build written communication, desktop publishing, presentation, document and database management, and financial recordkeeping skills. Students will develop their own electronic career portfolio, with resumes, references, job and college search results and interest/skill inventories. Teaching techniques include textbook lessons and review, classroom discussion and role playing, teamwork, special group and individual project work, research and Virtual Business Management, Retail and Marketing simulation programs. In addition, students will meet and learn from business leaders in the community through guest speakers in the classroom, job shadowing, field trips and internships. Students will have the opportunity to work on several Career Center projects throughout the year, including community service, business partnership days, SkillsUSA competition and professional development activities. Students will have the opportunity to apply event planning and organization skills through the 8<sup>th</sup> Grade Career Awareness Days project. This project includes development of an event booklet, written communications with businesses, database and information management, and working directly with businesses, students and staff at the event. Second-year students will have an opportunity to do an internship at a local business, extending their classroom learning directly to the community. Internships are customized to students' future career goals and skill sets. Students will also participate in the SkillsUSA leadership programs. These programs offer the opportunity for students to network, share ideas and participate in local, state and national competitions in various business-related areas. (lab fee \$45 + \$20 USB Memory Key/Flash Drive + \$15 workbook)

**CHILD DEVELOPMENT/PLAYSCHOOL** 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 observation and analytical skills, 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 childcare 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, observing and recording behavior, child growth and development, preschool operation, safety procedures, first aid knowledge and are exposed to a variety of career profiles. The student plans and implements activities in the preschool, acting as both a teaching team member and as a leader. Students have the opportunity to gain experience through internship/job shadowing within the childcare field at an assigned day care facility during their second year. **Students will be fingerprinted, background checked, TB tested, and drug screened.** (Lab fee \$45)

**COLLISION REPAIR** 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, bucks and jacks, 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, repainting total car body, drying or baking painted surfaces, post-paint cleanup, and post-paint polishing. This course also allows students to experience more design-related auto painting utilizing an air-brush application. (Lab fee \$45)

**COMPUTER TECHNOLOGY I (Maintenance, Repair and Building)** 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. After completing this program, the student will have an opportunity to go on to become A+ Certified. Students also receive instruction in the area of installing basic networks. (Lab fee \$45 + USB Memory/Flash drive \$10-\$15)

**COMPUTER TECHNOLOGY II (Networking, Web Page Generation, and the Internet)** 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 Novell, Windows and Linux. 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. (Lab fee \$45 + USB Memory/Flash drive \$15-\$20)

**CONSTRUCTION TECHNOLOGY** – Students in construction technology build and maintain structures ranging from rough scaffolds and concrete forms 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. (Lab fee \$45)

**COSMETOLOGY**- Cosmetologists help their customers look attractive by shaping, setting and tinting hair. They also give manicures, scalp and facial treatments, provide make-up analysis, clean and style wigs and hairpieces. The KACC School of Cosmetology program is a Pivot Point member school and provides the training necessary to become a licensed cosmetologist. Students have the opportunity to acquire skills performed on customers in the clinic area. Units of instruction included in the program are shampooing, make-up, facials, hair treatment, hair chemistry, hairdressing, manicuring, pedicuring, sculpture nails, permanent waving, and hair shaping. The cosmetology program is under the instruction of teachers licensed by the Department of Professional Regulation and will comply with all the rules and regulations of the Illinois Beauty Culture Act. The program provides for 1500 hours of training that is the minimum requirement met prior to taking the State Board Exam for licensing. This includes two full school years, Saturday hours, summer session between junior and senior years and approximately 4 weeks during the summer following graduation from high school. KACC School of Cosmetology provides a full service clinic open to the public. (Fee of \$300 first year + \$45 lab fee, \$500 for summer kit, \$400 second year + \$45 lab fee, and \$250 for second summer)

**DRAFTING/CAD**- 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 the product or construct the project. The Drafting/CAD 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. During the first year, the program focuses on manual drafting and blueprint reading 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 things designed by engineers and architects. 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 learn how to use the AutoCAD program and will be introduced to other software programs which are utilized by engineers and architects. (Lab fee \$45 + USB Memory/Flash drive \$10-\$15)

**FIRE/RESCUE**- The Fire Rescue program is set to follow the State of Illinois Fire Marshall's Office Division of Standards for entry level in the fire and rescue field. Following IFSTA Essential Manual, first-year students will learn the basics of the fire service. Students will learn how to use self-contained breathing apparatus, ropes and knots, ladders, and hoses. Using a special smoke trailer, students will be exposed to simulated fire conditions under a safe environment. They will learn how to do search and rescue, auto extrication, and how

to safely remove victims of automobile crashes. Students will also participate in a rigorous physical exercise program to prepare them for fire service CPAT testing. Second-year students will start their leadership skills training, training as a company officer and Incident Commander. Students will also learn how to operate a fire pump with our on-site fire department pumper. Students will go through Hazardous Materials for the First Responder, CPR for the Health Care Provider through the American Heart Association, and AED Training. Second-year students can do internships with area fire departments. They will build on the skills developed in the first year and learn about detection systems as well as basic emergency medical techniques and practices. All classes will follow the standards of the Illinois State Fire Marshall, Illinois Department of Public Health, and Illinois Department of Transportation. Please Note: This program is very physically demanding during practical (hands on) evolutions. (Required fire & police equipment approximately \$90 + \$45 lab fee + \$5 CPR card)

**HEALTH OCCUPATIONS**– Students enrolled in the Health Occupations Program at KACC can become a CNA (Certified Nurse 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, and 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. **Students will be fingerprinted, background checked, TB tested, and drug screened.** (Lab fee \$45 per year + CNS test fee approximately \$64 + \$75 to cover fingerprint and background check, etc. + \$35 for second year costs with lab fee of \$45)

**LAW ENFORCEMENT** 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 defensive tactics. 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. **Students will be fingerprinted, background checked, TB tested, and drug screened.** (Lab fee \$45)

**PRECISION METALWORKING** - Precision Metalworking is a two-year program developed to instruct the student in the metalworking and tool & die careers. The student will be able to analyze specifications, set up and operate milling and drilling machines, lathes, bench-grinders and surface-grinders, along with various hand tools to create and complete a project which will be both accurate and visually pleasing ~ a project which you, the student, will assemble from parts using the above equipment. Other projects will consist of c-clamps, hammers, parallels, clocks, air powered turbine engines as well as hand-crank and air-powered piston engines. Maintenance and repair of equipment is done enhancing the use of hand-tools with a more in-depth knowledge of the equipment used to create projects. Students will learn to manage time, create goals for the future and gain knowledge to formulate a career path leading to great-paying jobs and opening doors of opportunity for advancement. (Lab fee \$45)

**WELDING TECHNOLOGY**– 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 such as Bend-test, pipe welding and weldments in the overhead position. (Lab fee \$45)