

# Leland



## 2011-2012 Course Description Guide

May 23, 2011

---

---

## FORWARD

---

---

This Course Description Handbook has been compiled with the cooperation of the faculty of Leland High School, Somonauk High School, and Indian Valley Vocational Center to aid our students in planning their course of study while in high school. What you learn both inside and outside the classroom and the record you make for yourself will largely determine what you will be able to do with your life. At each stage of your high school career you should seriously consider your goals and develop a program of study to prepare you for further education in your life's work.

This handbook has been designed to help you, your parents, and your counselor plan a program appropriate for you. You, however, must carry the responsibility for this planning. Remember that you, as the student, have the primary responsibility. Use this guide to answer such important questions as:

1. Am I meeting the requirements for graduation?
2. Am I meeting the requirements for entrance to a college or vocation?
3. Am I choosing courses most appropriate to my interests and abilities?

### Registration Procedure

4. Use this guide as a reference to the courses of study offered at Leland High School.
5. Do preliminary planning within a four-year period. Review the requirements for graduation to make sure they are all included in your four-year plan.
6. Meet with the counselor to review proposed schedule and four-year plan.

### Course Selection

When reading the course descriptions contained in this guide, please note that many courses have pre-requisite requirements. A pre-requisite requirement simply means that there is a sequence of courses that must be followed. If a course has a pre-requisite, the pre-requisite must be successfully completed prior to registering for the course.

FORWARD .....	1
Admission to Public Universities & Colleges .....	4
Career Days.....	4
Class Change Procedure (6-12).....	4
Correspondence Work .....	5
Driver Education Policy .....	5
Final Examinations.....	5
Grading Scale, Class Rank, Grade Point Average .....	5
Graduation Requirements .....	6
Early Graduation Requirements .....	6
Guidelines for Transfer Students.....	7
Honor Roll.....	7
Indian Valley Vocational Center - (3 credits) .....	8-10
Physical Education Requirements.....	11
Issues in Human Reproduction Education.....	11
Student Classification- High School .....	12
Student Teaching Assistants Program .....	12
V.A.L.E.E.S.....	13
Waubonsee Community College and Leland High School Joint Program.....	13

**COURSES**

Art Department..... 15

Business Department..... 16

Driver Education & Health Department ..... 17

English Department ..... 18

English Department Continued ..... 19-20

Foreign Language Department ..... 21

Mathematics Department ..... 22

Music Department..... 23

Physical Education Department ..... 24

Science Department ..... 25

Science Department Continued ..... 26

Social Sciences Department ..... 27

Social Sciences Department Continued ..... 28

Teaching Assistants ..... 29

Agriculture Department ..... 30

Agriculture Department Continued ..... 31

Indian Valley Vocational Center Course Description ..... 32

Courses at Waubensee and Kishwaukee Community Colleges ..... 33

## **Admission to Public Universities & Colleges**

---

---

Parents and students should begin to think about career and college plans early so that courses selected in high school will meet the admission requirements of the colleges the students wish to attend. The following is a list provided by the public universities of Illinois reflecting new admission standards. More highly selective universities probably require additional course work. If you have questions, contact your student's counselor, who will help facilitate consultations with individual institutions, for more specific information.

English	4 credits
Math	3 credits
Science	3 credits
Social Studies	3 credits
Fine Arts/Vocational/Foreign Language*	2-3 credits

\*Some universities require 2 years of a foreign language. See the counselor for specific information.

## **Career Days**

---

---

Juniors and seniors will be allowed career days with the prior approval of parents, counselors and principal. Career days are to be used prior to April 30. Juniors will be allowed one (1) career day during their junior year and seniors will be allowed two (2) career days, with the first allowed during the first semester and the second allowed during the second semester. Students are to pick up the forms from the guidance counselor at least 2 days before desired absence.

## **Class Change Procedure (6-12)**

---

---

No class changes will be made after 3:05 p.m. on the third full day of each semester. A course may be dropped either after the third day of the nine-week period of each semester or three days after report cards are handed out with Principal's approval. All full-time students at Leland High School will carry a minimum of five solid subjects as determined by the high school principal. No student should have more than two study halls. The procedure for class changes is to request the change through the school counselor. This change must receive written approval of the parents, counselor, and principal. All teachers involved must be notified of these changes, both adds and drops.

---

---

## Correspondence Work or Alternate Forms of Credit

---

---

Students must be in a senior or in their final year of high school to enroll in correspondence work. With the approval of the Principal, two units of high school credit may be taken by correspondence work from an Illinois State Recognized Institution (including Illinois Virtual High School and American School). Credit is to be granted upon presentation of an official transcript from the school. The tuition and postage is to be paid by the student. Students will be allowed to take correspondence work for the following reasons:

1. Make up work after failing a class at Leland High School.
2. Accelerated work to meet requirements of early graduation.

---

---

## Driver Education Policy

---

---

As pursuant to the provisions of P.A. 88-188 (HB 418) a student must now have passed at least 8 (eight) courses in the previous two semesters in order to be eligible to enroll in driver education.

---

---

## Final Examinations

---

---

Exams at the conclusion of the semester will be given for all high school classes. Exams will be counted as part of the semester grade.

---

---

## Grading Scale, Class Rank, Grade Point Average

---

---

This high school percentage **grading scale** is used for classroom work, quarter and semester grades.

A	93 - 100	B+	88 - 89	C+	78 - 79	D+	68 - 69	F	59-below
A-	90 - 92	B	83 - 87	C	73 - 77	D	63 - 67		
		B-	80 - 82	C-	70 - 72	D-	62 - 60		

The percentage scale is converted to a grade point scale below when computing honor roll, grade point averages, and class rank. The following numeral values are assigned to the letter grades.

A.....4.0	B+.....3.33	C+.....2.33	D+.....1.33		
A-.....3.67	B.....3.00	C.....2.00	D.....1.00	F.....0.0	
	B-.....2.67	C-.....1.67	D-.....0.67		

**Class rank** is based on a student's cumulative grade point average and is determined at the end of each semester. All students enrolled in the same grade are ranked within that grade. All courses, except Physical Education, are used to compute a student's grade point average. Cumulative grade point average (GPA) and rank in class are reflected without weighting. The accumulated grade point average of all students in a grade are arranged in sequence with the students have the highest grade point average being assigned number one.

## Graduation Requirements

---

---

A diploma of graduation will be issued to students completing the approved program as prescribed by the State of Illinois and the Board of Education. Student must present 21 ½ credits for graduation. The graduating requirements include:

**4 credits of English (1/2 credit must be in Speech) (must include two years of writing intensive courses)**

**3 credits of Mathematics (Algebra I and geometry content)**

2 credits of Science

1 credit US History I & 1 credit US History II (in addition, student must pass Constitution Tests)

½ credit Social Studies elective

1 credit of Physical Education (1/4 per year)

2 credits from Art, Music, Foreign Language or Vocational Education

½ credit of Consumer Education

½ credit of Health

½ credit of Computer Applications (previously Keyboarding)

Physical Education is considered non-academic. Teacher assistants can only receive one academic credit per year. Physical Education will receive 1/4 credit per year and ½ credit is given to band, chorus or teacher assistant. Band and chorus together earn 1 academic credit per year.

Student will be excused from Physical Education only upon presentation of a valid excuse from a doctor of medicine or while exercising the 11<sup>th</sup>- 12<sup>th</sup> grade Physical Education option. The 11<sup>th</sup> and 12<sup>th</sup> grade Physical Education option will permit a student who has an irresolvable academic conflict with a Physical Education class because of a lack of sufficient course credits for graduation or specified course work needed for college entrance to waive the physical education requirement. Prior approval of the Principal is necessary for the college entrance course waiver. This option also permits junior and senior students who participate in interscholastic athletic programs to elect to attend a study hall or take additional course work in place of physical education. Students will remain in study hall only for the duration of the sport season and will be reassigned to physical education class for the out-of-season portion of the school year. A request for physical education waiver will be given to each student at the start of each sport season. Within five (5) school days, these forms must be returned to the guidance counselor-requesting placement in a study hall. Students taking a semester or full year addition course work option will be permitted to finish the class regardless of the length of the inter-scholastic sport season. Students must declare their intention for this class during their class pre-registration with the guidance counselor. Students who are assigned to a class but do not participate on an interscholastic team, will be dropped from the class without credit and reassigned to a physical education class.

## Early Graduation

---

---

Students may elect to complete graduation requirements in less than four years. Please consult with the Principal and Guidance Counselor for procedures and consent forms. A request to graduate early should be made one to two semesters prior to graduation. Any student given permission to graduate early will not be allowed to participate in any further school sponsored activities, except baccalaureate and graduation. Only students completing 8 semesters of high school will be eligible for valedictorian and salutatorian awards.

## Guidelines for Transfer Students

---

---

If a student does not complete a full semester course, he/she may not receive ½ credit (or any credit); the Principal will individually evaluate the situation. Any course where there is a question as to what the course specifically is (i.e. History), we must write to the previous school for verification.

For courses such as Physical Education, Band, etc., Leland will convert the credit that the former school issued to match our policy.

## Honor Roll

---

---

All courses taken at Leland High School and I.V.V.C. will be counted toward the honor roll. This includes band and chorus, as they will count ½ of a unit on computation for honor roll and grade point average. Physical Education will be graded, but will not be used in computing honor roll or class standing. In addition, any student who receives an incomplete will not be eligible for the honor roll until the incomplete is removed. Grades of “D” or “F” will make a student ineligible for the honor roll.

The honor roll will be divided into two categories:

1. Those students who have a 3.0 to 3.49 average will be placed on the “honors” honor roll.
2. Those students how have a 3.50 or higher average will be placed on the “high honors” honor roll.

## **Indian Valley Vocational Center - (3 credits)**

---

---

Students enrolled at I.V.V.C. will follow the I.V.V.C. policy and procedure handbook. Items not covered in the I.V.V.C. policy and procedure handbook will be governed by the rules and regulations of the Leland Community Unit School District #1.

Students who meet the enrollment criteria must pre-register before March. Since the Board of Education must pay for all pre-registered students, student will not be permitted to drop their classes once they pre-register, without permission from the Principal.

I.V.V.C. was created in an effort to meet the career needs of area students. It provides an opportunity for a student to further his/her education in a vocational area not provided by his/her home school. The areas of study at I.V.V.C. are as follows:

### **Areas of Study**

Auto Body Repair I & II  
Auto Mechanics I & II  
Building Trades I & II

Computer Technology I & II  
Cosmetology I & II  
Culinary Arts I & II  
Drafting & Design I & II  
Early Childhood Development I & II

Fire Science I & II  
Graphic Communications I & II  
Health Occupations I & II  
Hospitality Management I & II  
Law Enforcement I & II  
Sports Medicine/Sports Management I & II  
Welding & Fabrication I & II

Students desiring to attend I.V.V.C. will be selected on a priority basis. The priorities and the criteria relating to selection are listed below.

1. Students who enroll in a two-year course of study at I.V.V.C. must be committed to that enrollment. Parents will sign a statement assuring Leland schools that their child is sincere in his/her interest in a program at I.V.V.C. and that he/she plans to complete the program.
2. Enrollment at I.V.V.C. will be limited to ten Leland High School seniors and ten Leland High School juniors per school year. One-year program at I.V.V.C. will be allowed to enroll in that program providing he/she meets the criteria listed below.
3. Priority status and criteria relating to each priority group
  - I. No enrollment limit: first priority group for seniors; seniors entering a one-year program.
    - A. Taken related classes at Leland High School and passed them with a grade of "C".
    - B. Not missed more than 12 days of school year (exception: major illness).
    - C. Must have enough credits to graduate at the end of the year.
    - D. Cannot be an early graduate.
    - E. The student's cooperation in meeting the established time frame for the vocational school application.
    - F. The student's behavior as reviewed by the high Principal, the high school guidance counselor, and a representative of the high school faculty.

- II. Enrollment limit: first priority group for seniors entering the second-year of a two-year program.
  - A. Passed the first year of a two-year program with a "C" average.
  - B. Students receiving a "D" or "F" at I.V.V.C. during the junior year will not be allowed to continue in an I.V.V.C. program the senior year.
  - C. Not missed more than twelve days of classes at I.V.V.C. and/or Leland High School during the junior year (exception: major illness)
  - D. Must have enough credits to graduate at the end of the year (to be determined by the school counselor).
  - E. Cannot be an early graduate.
  - F. See additional criteria.
- III. Enrollment limit: Second priority group for seniors/seniors entering first Year of a two-year program.
  - A. Taken related classes at L.H.S. and passed them with a grade of "C".
  - B. Not missed more than twelve days of school the junior year (exception: major illness).
  - C. Must have enough credits to graduate at the end of the year.
  - D. Cannot be an early graduate.
  - E. See additional criteria.
- IV. Enrollment limit: Third priority group for seniors: senior entering I.V.V.C. for the second year, but changing programs.
  - A. Taken related classes at L.H.S. and passed them with a grade of "C".
  - B. Passed the junior year at I.V.V.C. with a grade of "C".
  - C. Not missed more than 12 days at I.V.V.C. and L.H.S. the junior year (exception: major illness).
  - D. Must have enough credits to graduate at the end of the year.
  - E. Cannot be an early graduate.
  - F. See additional criteria.
- V. Enrollment limit: first priority for juniors: junior entering first year of a two-year program.
  - A. Taken related classes at L.H.S. and passed them with a grade of at least a "C".
  - B. Not missed more than twelve days of school the sophomore year (exception: major illness).
  - C. Must have enough credits to be classified as a junior.
  - D. See additional criteria.
- VI. Enrollment limit: second priority group for juniors: junior entering
  - A. One-year program.
  - B. Taken related classes at L.H.S. and passed them with a grade of "C".
  - C. Must have enough credits to be classified as a junior.
  - D. See additional criteria

**Additional Criteria** - if a priority group is eligible for consideration and if students meet the criteria listed above for that priority group, and if a number of applicants still exceed the limit of ten per L.H.S. class, then the following criteria will be utilized for determining who will attend I.V.V.C. procedures are in descending order of how each application will be reviewed.

1. The student's cooperation in meeting the established time frame for the vocational school application.
2. The student's citizenship as reviewed by the high school Principal, the high school guidance counselor, and a representative of the high school faculty.
3. The student's academic record as reviewed by the high school Principal, the high school guidance counselor, and a representative of the high school faculty.
4. If no consensus can be reached, lots will be drawn to determine who will attend the vocational center.

A student who was not allowed to attend I.V.V.C. because he received a grade of "D" in one of the related classes at L.H.S. may reapply the following year. The student may request the same program at I.V.V.C. as he requested the year previous or a different program, whichever he chooses. If the same program is requested, the student must meet all the criteria related to his correct priority except the one pertaining to grades in a related class at L.H.S. the criteria will be waived only if the student was not allowed to attend I.V.V.C. the previous year because of a deficiency in that criterion.

A student receiving a grade of "F" in a related class at L.H.S. must retake the class and pass it with a grade of "C" to meet the requirements for attending I.V.V.C.

**I.V.V.C. maintains and practices a zero tolerance for the following:**

- Students in possession or who solicit purchase or transact business of drugs/drug paraphernalia/look-alike drugs, or who are under the influence of these substances on school grounds or during sponsored activities.
- Students in possession or who solicit, purchase, manufacture, or transact business of weapons on school grounds or during sponsored activities.
- Students engaged in gang-related or unauthorized group activities and/or engage in activities which may perpetuate gangs or unauthorized groups such activities may include but are not limited to dress (style and/or colors), symbols, recruiting, requesting dues, intimidation, threats, and/or theft.

**I.V.V.C. discipline is a 3-step discipline procedure:**

- Placement on Step I:
  - An act or accumulation of acts that cannot or have not been resolved at the program management level and require a written statement of fact.
  
- Placement on Step II:
  - Student behavior that has not been resolved at step I
  - An act or accumulation of acts that require a behavioral contract (certain single acts may bypass step I and place a student at step II)
  
- Placement on Step III:
  - Violation of any term or condition of a step II behavior contract
  - Student behavior that has not been resolved at either step I or step II and is such that the behavior constitutes a direct threat to the health and safety of others (certain single acts may bypass step I and step II and place a student at step III)

## **Physical Education Requirements**

---

---

Failure to wear a school-approved physical education uniform will result in a reduction of the P.E. grade. Chronic offenders' parents/guardians will be called, and they may fail P.E.

Persistent absence from P.E. may require that a doctor's excuse be submitted to the G.S. office. Failure to comply with a request for a doctor's excuse will result in the student receiving a grade of zero (0) for work required on the day on nonparticipation.

Parental excuses for P.E. and recess, (grades K-12 if excused from P.E. will not participate in recess) will be honored for up to a three-day period extensions beyond this time period will require a written doctor's excuse. Students without a written excuse will be required to participate.

All students in grade 4-12 will be encouraged to shower following each P.E. class, except on those days when they are not required to dress for class, or when they have been excused from showering by the instructor.

Uniforms are required for students in grades 4 through 12. These uniforms are on sale at any time during the school year. If a student does not dress or participate in P.E., that student will not be allowed to participate in recess (morning or noon) or an exception would be an excused absence for a doctor's visit, etc. If grade 4-8 students do not dress or participate in P.E. they will be sent to the G.S. office with a pass from the P.E. instructor explaining the reason for no dress and will remain in the G.S. office for the remainder of the period and will not be able to work on schoolwork. Each student will be allotted one free P.E. borrow per quarter. After one P.E. clothes borrow is used, each subsequent borrow equals a lunch detention.

## **Issues in Human Reproduction**

---

---

Today's student is faced with a host of societal pressures, not the least of which is his or her transition to adult responsibilities. Included in this transition is the young person's understanding of his/her sexuality, the relationship between the sexes and health issues related to sexuality.

The School Board endorses instructional programs in family life and human reproduction as a means for the district's students to acquire knowledge about human sexuality and to help them make responsible decisions about their lives.

The human reproduction curriculum shall be a component of the district's health education. Topic areas for the human reproduction program shall include but not be limited to: human ecology and health, sexually transmitted diseases, pregnancy and childbirth, abortion alternatives and resistance to peer pressure for sexual activity.

A written notice shall be given to the student's parents/guardians at least two (2) weeks prior to the student's participation in a comprehensive human reproduction class. Students shall be excused from taking or participating in any class or course in comprehensive human reproduction if their parents/guardians submit written objections to the school administrator. Class sessions, which deal exclusively with human sexuality, may be conducted separately for males and females.

## **Student Classification- High School**

---

---

The required academic load is five courses per semester. School authorities reserve the right to either deny or encourage the student to register for more than this. The number of academic credits earned determines class standing.

Sophomore standing	5 1/4 credits
Junior standing	10 1/2 credits
Senior standing	15 3/4 credits

Students will participate in class activities according to credits earned to date.

## **Student Teaching Assistants Program**

---

---

Students who are involved in the teaching assistants program will learn the proper behavior and responsibility of working with a supervising instructor in an instructional situation with students that may be of the same age or younger. The student will agree by written contract, from the supervising instructor, to perform all assigned duties. Fulfillment of this objective will be determined by criteria clearly written by the supervising instructor and understood by the student.

### **Criteria for selection:**

1. Student must be a junior or senior
2. Student must have a grade point average of 2.0 or higher
3. Student attendance.
4. Student and parent must sign a written contract of assigned duties and grade base. The student, teacher and guidance counselor will retain copies of the signed contract.
5. Exceptions to the above criteria may be agreed upon between the supervising instructor and guidance counselor.

### **Evaluation:**

Besides the requirements stated in the mentorship contract, the instructor, at the end of each marking period, will complete a rubric assigning the student a grade.

### **Teaching Assistant rules:**

1. Be on time.
2. Responsible for leaving on time.
3. Attendance (the student must maintain satisfactory.)
4. Appropriate behavior (student must maintain).
5. Appropriate language.
6. Performs all required duties.
7. Follows classroom rules.
8. Must display good personal hygiene.

## V.A.L.E.E.S.

---

---

Waubonsee Community College awards college credit when learning experiences at the high school level of instruction duplicate those at the college level. This enables students to receive advanced placement, to save time and money and to avoid duplication of material already learned in high school. Students must earn an A or B in the high school class and apply for credit within two years after graduation. The following is a list of courses at Indian Valley Vocational Center for which articulated credit could be earned. See your guidance counselor for the college credit articulation forms. For a complete list of requirements call V.A.L.E.E.S. at 630-466-7900 ext. 2474.

Indian Valley Vocational Center:

Auto Body Repair I & II

Automotive Mechanics

Drafting and Design

Early Childhood Education I

Fire Science II

Health Occupations I

Law Enforcement I

Computer Maintenance/Repair I & II

Graphic Communication II

Business Systems Technology

Welding & Fabrication II

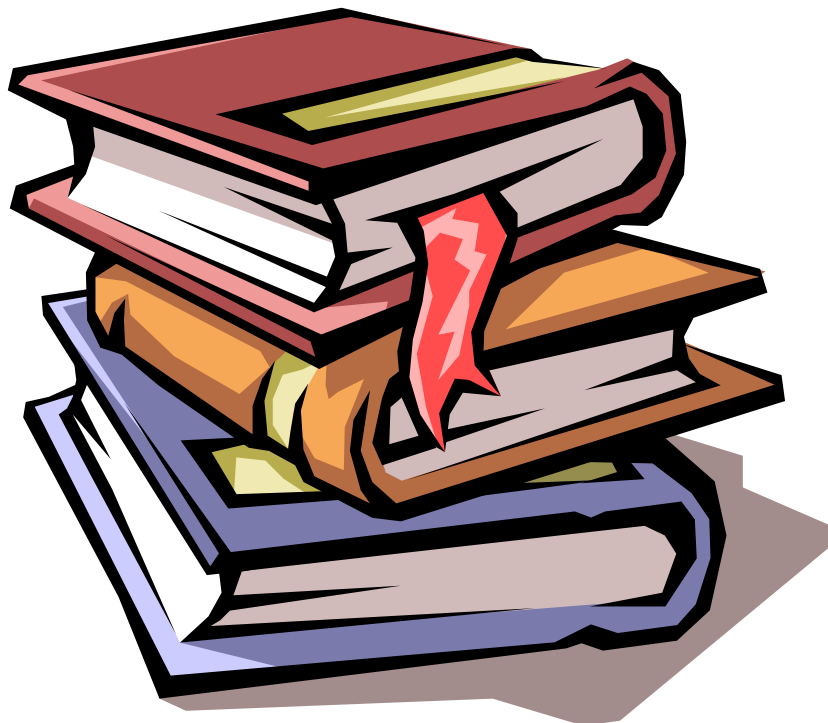
### **Waubonsee Community College and Leland High School Joint Program**

---

---

1. Waubonsee Community College courses will be offered to L.H.S. seniors.
2. Students must furnish their own transportation to and from Waubonsee.
3. The Leland High Principal will send a letter with the student for registration, stating High Schools approval.
4. Students must pay their own tuition.
5. Grades from Waubonsee will count toward a student's grade point average and class rank at Leland High School.
6. Each 3 semester hours a student passes at Waubonsee will be given 2 unit of credit at Leland High School.
7. No student will be allowed to take over 2 courses a semester at Waubonsee and receive credit at Leland High School.
8. In order to be eligible for I.H.S.A. sanctioned extra-curricular activities a student must be passing four units of credit (or an equivalent of 24 semester hours) at Leland High School.
9. Students will not be required to be in attendance at Leland High School at the time when their classes meet at Waubonsee even on days when their classes do not meet.
10. Students who need the credit taken at Waubonsee for graduation will be allowed to participate in baccalaureate and commencement exercises. They will not, however, receive their diploma until grades are received from Waubonsee.
11. A student will not be eligible for the valedictorian or salutatorian award on commencement night unless grades are received prior to commencement exercises or unless the student is assured of that place in class rank.

# Courses



## Art Department

---

### Art I

Credit: 1 unit  
Semesters: 2  
Grade Level: 9-12 **Elective**

Covered in this course is a variety of beginning art skills. As a full year course the student will be exposed to a multitude of art mediums and techniques. Art history will be incorporated into lessons to form a larger base of understanding.

### Art II

Credit: 1 unit  
Semesters: 2  
Grade Level: 10-12 **Elective**  
Prerequisite: Art I

Advanced art is a course for the student who has successfully completed one year of orientation to art. This course is designed for the serious art student to develop skills in two chosen areas of interest. These areas may include: ceramics, commercial design, drawing, painting, and printmaking. The student will be involved with project planning a goal setting. A portfolio of work will be compiled during this course. Art history will continue to be incorporated into their area of choice.

### Art III

Credit: 1 unit  
Semesters: 2  
Grade Level: 10-12 **Elective**  
Prerequisite: Art I & II

Students will continue to develop art skills in their area of choice.

### Publishing

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisite: Computer Applications

This course will concentrate on the planning, preparing, designing and compiling of the school district newsletter and various programs for special school events. Additional projects will be assigned including the high school yearbook. Emphasis will be placed on design, layout and professional appearance.

## Business Department

---

### **Accounting 12104A001**

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**

This course will provide a basic understanding of accounting principles and practices with emphasis on the techniques of recording, analyzing, classifying, and summarizing business data. An overall view of an accounting system in a continuous sequence from the origin of data, through journalizing and posting, to preparation and interpretation of financial statements will be covered. The use of technology will be incorporated into lessons to enhance student relativity to modern business practices.

### **Consumer Education 22210A000**

Credit: ½ unit  
Semesters: 1  
Grade Level: 10 **Required**

Consumer education is the process of gaining the knowledge and skills needed by individuals to function as responsible consumer-citizens in managing money and taking action to influence the factors which affect consumer decisions. Units covered are consumers in the economy, career exploration, taxes, banking, saving, investing, credit management, budgeting, money management, and insurance.

### **Business Concepts 12001A001**

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**

This course includes an orientation to general business, marketing, management, entrepreneurial and business law concepts. The content areas are designed to enable the student to: recognize the role of business in the free enterprise system; identify the general responsibilities of employers and employees; understand the planning and processes necessary to open and maintain a business. The use of technology will be incorporated into lessons to enhance student relativity to modern business practices.

### **Computer Applications 10004A001**

Credit: ½ unit  
Semesters: 1  
Grade Level: 9 **Required**

This is a hands-on course designed to introduce and/or enhance student performance in Microsoft Office application software. Through step-by-step instruction, students will apply Word, Excel, and PowerPoint techniques, both separately and integrated, to create professional looking documents and presentations for use in future education and the workplace. Use of proper keyboarding and formatting training will be emphasized. In addition, following directions, thinking, listening, composing, revising, and editing skills will be an integral part of this course.

## Driver Education & Health Department

---

---

### Driver Education

Credit: ½ unit  
Semesters: 9 weeks  
Grade Level: Sophomore or turn 15 by September 1st of freshman year **Required**

This course is designed to prepare the student in the skills necessary for a driver's license. It is intended to help the student in developing the proper technical skills which will enable him/her to communicate and utilize the ideas in an understandable, efficient, and accurate manner necessary to becoming a safe, competent and responsible user of the highway transportation system.

The Drivers Education course will only be 9 weeks long. After that time, it becomes a lab or driving period for students. Students can only miss the classroom 3 times. When they miss the 4<sup>th</sup> time, they will be removed and placed in a study hall. There are no exceptions: class trips, doctor's appointments are no excuse. The classroom grade is based on the high school grading scale and is the students' final grade. The lab or driving part is pass-fail. Those with the earliest birthday will drive first, and permitted to get their license provided they have passed both phases of the class.

### Health

Credit: ½ unit  
Semesters: 1  
Grade Level: 9 **Required**

This course is designed to provide instruction in preparing the student in today's health problems. It is intended to help the student to understand the problems (short and long range) of modern health practices. Areas covered in the curriculum include the physical, mental, and social aspects of health. Other areas are: stress, marriage, and family growth, and development (sex education), AIDS, tobacco, accidents, alcohol and nutrition. Also, any current problems will be discussed.

## English Department

---

### English I

Credit: 1 unit  
Semesters: 2  
Grade Level: 9 **Required**

This course is required of all freshmen. Topics covered will include:  
Literature - short stories, poetry, novel, drama  
Book reports - one every nine weeks  
Composition - paragraphs, writing linked with literature, a children's story  
Grammar - punctuation, dictionary, and library usage; varies with the needs of the class;  
Vocabulary - enrichment

### English II

Credit: 1 unit  
Semesters: 2  
Grade Level: 10 **Required**  
Prerequisite: Passing English I

English II is a two-semester course, which emphasizes Speech and Literature/Writing. During the literature and writing semester, we will cover writing skills in simple expository compositions. We will also read short stories, poetry, Harper Lee's *To Kill A Mockingbird*, and Julius Caesar. Any grammatical problems confronted by the group also will be dealt with.

During the Speech semester, students will deliver a variety of speeches including an introduction, persuasive, demonstrative, informative, pantomime and impromptu. Students will gain confidence in themselves, as well as in their ability to express themselves in front of a group.

### English III

Credit: 1 unit  
Semesters: 2  
Grade Level: 11 **Required**  
Prerequisite: Passing English II

Topics covered include:  
Literature - American authors and their works and influences, novels - Red Badge of Courage and The Great Gatsby;  
Book reports - one every nine weeks  
Composition - paragraph, expository writing linked with literature, research paper  
Grammar - varies with the needs of the class  
Vocabulary – enrichment

### English IV

Credit: 1 unit  
Semesters: 2  
Grade Level: 12 **Required**  
Prerequisite: Passing English III

This is a two-semester course that concentrates on the study of British Literature. Selections are undertaken chronologically from Anglo-Saxon poetry to reading contemporary novels. Also, students will read and analyze 2 Shakespearean plays.

The course will focus on developing critical and analytical thinking skills through group discussions and college-type papers.

## English Department Continued

---

---

### **Resource English I (Required)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 9  
Text: Globe Literature-Purple Level

Literature themes discussed are poetry, drama, biography, fiction and nonfiction elements, and epics. Common units focus on love in literature, the unknown, suspense, discoveries, heroes and generations. This course emphasizes early literature skills while utilizing age appropriate themes. Exerts from Romeo and Juliet and included in discussion.

Writing elements covered in resource English 1 include correcting grammar, punctuation and structure in basic sentences and paragraphs.

Book reports are required.

### **Resource English II (Required)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 10  
Text: Globe Literature-Green Level  
Prerequisite: Passing Resource English I

Resource English II is a two-semester course, which emphasizes Speech and Literature. Literature themes discussed are poetry, drama, biography, fiction and nonfiction elements, and a few proverbs. Common units focus on priorities, the unexpected, insights, conflicts, reality and relationships. Exerts from Julies Caesar and included.

Writing elements from Resource English 1 are reviewed and focus turns to research and 3 paragraph writings.

The second semester focuses on speech. Different types of speeches covered included, but are not limited too: an introduction, persuasive, demonstrative, informative, and impromptu. By speaking in front of their peers, students gain confidence and respect.

Book reports are required as well.

## English Department Continued

---

---

### **Resource English III (Required)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 11 or 12  
Texts: Globe Literature-Silver Level and Scope English Level 4  
Prerequisite: Passing Resource English II

Literature themes discussed are short stories, adventure, mystery, relationships, humor, identity, poetry, drama, biography, fiction and nonfiction elements, and a few aphorisms. Topics covered include Voices of Colonial America, Writers in a Growing Nation, New England, Expressionism, the Modern View, and the Contemporary Perspective. Exerts from The Pearl are discussed.

Writing elements from Resource English 1 and 2 are reviewed and focus turns to research and 5 paragraph writings.

Book reports are required.

### **Resource English IV (Required)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 11 or 12  
Texts: English for the World of Work and scope English Level 6  
Prerequisite: Passing English II

Literature themes discussed are exerts taken form novels, short stories, poetry, and drama. Topics are focused around: Appearance and Reality, Justice, Relationships, Artists at Work, Discovery, Love, Survival, Choices, The Unknown, and Ambition. Students will also gain information from Shakespeare's Macbeth.

English 4 also focuses heavily upon creating realistic situations for student to gain experience in writing and reading for the world of work. Students will create portfolios which include, but are not limited to: finding and researching career options, letters of application, resume development, filling out applications, applying by phone, interview skills, beginning a job and maintaining a job, how to get along with others in the workplace, business forms, communication skills, medical coverage, writing business reports and handling business expenses.

Writing elements from Resource English 1 and 2 are reviewed and focus turns to research and 5 paragraph writings for world of work development.

Book reports are replaced with research on careers.

## Foreign Language Department

---

---

### Spanish I

Credit: 1 unit  
Semesters: 2  
Grade Level: 9-12 **Highly recommended**

This is a beginning course on speaking, reading, and writing Spanish. Learning the vocabulary and grammar is essential. Students who successfully complete Spanish I should be able to read and speak elementary phrases and sentences, write short paragraphs, and gain a better understanding of English grammar. Students will also be introduced to cultural aspects of Spanish-speaking countries.

### Spanish II

Credit: 1 unit  
Semesters: 2  
Grade Level: 10-12 **Elective**  
Prerequisite: C or better in Spanish I

This is a continuation of the study of Spanish with more reading, writing and conversation. Grammar principles are developed and students will be further introduced to cultural aspects of Spanish speaking countries. The course work is more demanding than Spanish I. Students, who successfully complete Spanish II should be able to comprehend selected Spanish literature, carry on a conversation in Spanish, understand basic grammar, and write short reports in Spanish.

### Spanish III

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisite: C or better in Spanish II

Spanish III is a year-long course which will continue the study of writing, speaking, reading, and understanding Spanish. Students will continue to learn about cultures and customs of the Spanish-speaking world. Students will be learning to use more advanced vocabulary and grammar as a result of completing two years of Spanish prior to enrolling in this course. There will be a large emphasis of being able to use what students have learned to communicate effectively. Students will understand some cultural differences and similarities of various Hispanic cultures in relation to their culture in the United States. Students will understand both past tenses in Spanish, the conditional tense, and the future tense.

### Spanish IV

Credit: 1 unit  
Semesters: 2  
Grade Level: 12 **Elective**  
Prerequisite: C or better in Spanish III

Spanish IV expands upon the speaking, listening, reading, and writing skills acquired in Spanish III. Students will analyze Spanish literature and study the history, culture, and customs of selected Spanish speaking countries. Students will practice effective strategies for reading and understanding a second language from a cultural as well as grammatical perspective. Students will increase their vocabulary and refine their understanding of previously learned grammatical concepts. Additionally, students will study the uses of the subjunctive mood and the perfect verb tenses. Emphasis is placed on effective oral communication.

# Mathematics Department

---

## Algebra I

Credit: 1 unit  
Semesters: 2  
Grade Level: 9 **Required (per teacher recommendation)**

Algebra I focuses on working with variables and solving equations. Students will learn to solve, graph, and write linear equations, quadratic equations, and linear inequalities. Graphing equations and inequalities will be studied in detail. Students will also learn to solve problems involving exponents and exponential functions. Polynomials, factoring, and rational equations and functions will be introduced.

## Algebra 1 AB

Credit: 2 units (meets Algebra I graduation requirement)  
Semesters: 4  
Grade Level: 9 and 10 **Required (per teacher recommendation)**

Algebra AB is a two-year course. The Algebra AB course is an introduction to the language and applications of algebra, including variables, mathematical expressions, linear equations, problem solving, inequalities, polynomials, special products and factoring, graphs, relations and functions, quadratic equations, rational and radical expressions, and basic statistics and probability. Students will study the first half of the book (Algebra A) during the first year and the second half (Algebra B) during the second year. The two year course satisfies the Algebra graduation requirement.

## Algebra II

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisite: Algebra I

Algebra II extends the study of Algebra I. Topics covered include the following: Functions, matrices, linear and quadratic equations, polynomials, logarithmic and exponential functions, rational and irrational expressions, trigonometry, conic sections, and other topics as time permits.

## Geometry

Credit: 1 unit  
Semesters: 2  
Grade Level: 10-12 **Required**  
Prerequisite: Algebra I

Geometry covers spatial relationships among points, lines, planes, and angles. Students use logical reasoning to explore geometric situations, develop conjectures, and prove their conjectures using a variety of methods. Triangles and their properties are covered in detail. Congruence and similarity, properties of geometric shapes, coordinate geometry, and area, surface area, and volume are studied. These concepts are taught through lecture, individual practice, group work, and class discussion.

## Pre-Calculus

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisite: Algebra II

This one-semester course introduces students to a variety of topics needed for Calculus. Topics included are, but are not limited to, functions and their graphs, polynomial and rational functions, limits and their properties, trigonometric functions, differentiation, and applications of differentiation.

## Music Department

---

### **Band**

Credit:            ½ unit per year  
Semesters:        2  
Grade Level      9-12 **Elective**

This course is available to students interested in developing and enhancing music skills. Students are given an opportunity to perform at concerts, contest, festivals and other various school functions. In addition, band members play an integral part in community parades and serve as the pep band at home basketball games.

### **Chorus**

Credit:            ½ unit per year  
Semesters:        2  
Grade Level:      9-12 **Elective**

This course is available to students interested in developing and enhancing music skills. Students are given an opportunity to perform at concerts, contests, festivals and other various school functions.

## Physical Education Department

---

### Physical Education (P.E.)

Credit: 1/4 unit per year  
Semesters: 2  
Grade Level: 9-12 **Required**

This course is designed to provide instruction in the basic skills of physical activities for individual and team competition. It is intended to help the student understand the rules, safety practices, sportsmanship, and competitiveness of physical activities. Students may obtain a waiver out of P.E. while practicing/participating in sports. When the sport is over, they are to go back in to P.E.

Activities: soccer, physical fitness testing, flag football, speedball, square dancing, basketball, badminton, ping pong, volleyball, floor hockey, golf, horseshoes, tennis, archery, pickle ball, bocce ball, bowling, shuffle board, softball, and games-relays-activities.

## Science Department

---

### **Biology (To be offered in 2012-2013)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 9-10 **Required**

An overview of life processes designed for the underclassman student. The introduction includes a review of the scientific method and atoms, atomic structure, chemical bonding and organic molecules. The course content will also include general biology topics such as cell structure and cellular processes including photosynthesis and cellular respiration. Mitosis and meiosis are covered in detail. DNA, mutations, and Mendelian genetics are studied in relation to heredity and genetic diseases. The study of heredity leads into an introduction to origins of life on Earth. Principles of ecology are explored with an introduction to varied ecosystems. The remainder of the course covers classification of living organisms and looks at several phyla of plants and animals in more detail. Other current topics of interest are incorporated into the course content. Students will perform labs that correlate with the subject material, and some dissection will be included.

### **Earth Science (To be offered in 2011-2012)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 9 -10 **Required**

Earth's formation, physical properties, structure, chemical composition and natural resources are studied first. The dynamic nature of Earth's crust is analyzed by using the principles of plate tectonics, earthquakes, volcanoes and mountain formation. Erosion, glaciers, surface water and ground water are discussed in relation to the changing surface of the earth. The composition of the atmosphere and the forces that cause weather and climate are studied. Ecological depletion, world climate changes, etc. are presented during the appropriate units. Students will perform lab activities in correlation with the subject material.

### **Chemistry (To be offered in 2011-2012)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisite: Algebra I & Algebra II **Required**

Chemistry is the study of the physical matter (atoms and molecules) that make up our world. Students should have a strong working knowledge of algebra as well as ability to visualize abstract concepts. Basic atomic structure is studied in detail, including nuclear forces, electron orbitals, and the quantum model of the atom. The Periodic Table is discussed in relation to electron configuration and elemental properties. Knowledge of chemical bonding and chemical formulas leads to the analysis of chemical reactions; compound activity series, and stoichiometry. Physical properties of gases and the gas laws are covered, as well as phases of matter, liquids, and solutions. Students will perform lab activities in correlation with the subject matter.

## Science Department Continued

---

### Applied Chemistry

Credit: ½ unit  
Semesters: 1  
Grade Level: 11-12 **Elective**

This is a survey course covering topics in chemistry that can be useful for students entering vocational school or who are college-bound non-science majors. The semester is a study of basic chemistry, including properties of matter, types of elements, chemical reactions, solutions and mixtures, acids, bases, and salts with an overview of organic compounds. All topics will include practical applications of the information and lab activities.

### Applied Physics

Credit: ½ unit  
Semesters: 1  
Grade Level: 11-12 **Elective**

This is a survey course covering topics in physics that can be useful for students entering a vocational school or who are college-bound non-science majors. The course is a study of basic physics concepts including heat transfer, sound and light waves, electricity, velocity, acceleration, inertia and other laws of motion. All topics will include practical applications of the information and lab activities.

### Physics (To be offered 2012-2013)

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisite: Algebra I, Algebra II and Geometry

Physics is a survey course recommended for any student planning on studying science or engineering in college. Physics is the study of matter and energy in the universe. Motion including velocity, acceleration and free fall will be analyzed using vectors. Newton's laws of motion and the study of forces, projectiles, and centripetal acceleration are covered in detail, including an introduction to differential equations. Gravitation, momentum, and inertia are then studied. Forms of energy as they relate to work, machine and thermodynamics, wave properties, and magnetic fields are introduced if time permits. Students will perform lab activities in correlation with the subject matter.

## Social Sciences Department

---

### **World History**

Credit: 1 unit  
Semesters: 2  
Grade Level: 9-10 **Elective**

History is presented so that students can see the world in all its relationships, not a composite of isolated nations and civilizations. Course covers political, economic, social and cultural history, particularly describing in detail how people lived in other times and places.

### **Modern World History**

Credit:  $\frac{1}{2}$  unit  
Semesters: 1  
Grade Level: 11-12 **Elective**

Current world history is presented using current literature and periodicals. Course covers political, economic, social and cultural history, particularly describing in detail how people currently live in relation to other times and places from post WWII to the present.

## **Social Sciences Department Continued**

---

---

### **US History I**

Credit: 1 unit  
Semesters: 2  
Grade Level: 10

This course will cover the history of the United States up to 1877. The Constitution test will also be administered as part of the class.

### **US History II**

Credit: 1 unit  
Semesters: 2  
Grade Level: 11

This course will cover the history of the United States from 1877 to present.

### **Current Events**

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**

This course is designed to heighten the students' awareness of the current events around the world that are responsible for shaping world politics. Coursework will include researching current issues in a historic context in order to lend insight to the present situation.

### **World Geography**

Credit: ½ unit  
Semesters: 1  
Grade Level: 11-12 **Elective**

This course is designed to guide students through the constantly changing world in which they live. Emphasis will be placed on making connections between regional and global issues and their own community.

## Teaching Assistants

---

### Teaching Assistant

Credit: ½ unit per year  
Semesters: 1  
Grade Level: 11-12 **Elective**

This course affords the opportunity for a junior or a senior to assist a teacher in the following areas: P.E., library, elementary education, interest areas, offices, computers, etc. Students choosing this course must meet the criteria that are in the student handbook.

## Agriculture Department

---

---

The following classes will be TENTATIVELY taught at Somonauk High School:

### **Introduction to the Agricultural Industry 18001A001**

Credit: 1 unit  
Semesters: 2  
Grade Level: 9-12 **Elective**

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

### **Supervised Agricultural Experience I**

Credit: 1/2 unit, repeatable for up to 1 credit  
Semesters: 2  
Grade Level: 9-10 **Elective**

This experience program is for students in the 9<sup>th</sup> and 10<sup>th</sup> 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. Students may be concurrently enrolled in either Introduction to the Agricultural Industry or Basic Agricultural Science or may enroll on an independent study basis.

**PREREQUISITE: Introduction to Agriculture or consent of the instructor**

### **Supervised Agricultural Experience II**

Credit: ½ unit  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisite: SAE I

This experience program is for 11<sup>th</sup> and 12<sup>th</sup> 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. Students may be concurrently enrolled in a preparation level agricultural education course or may enroll on an independent study basis.

### **Agriculture Science**

Credit: 1 unit  
Semesters: 2  
Grade Level: 9-10 **Elective**

This orientation course builds on the basic skills and knowledge gained in the Introduction to the Agricultural Industry course. Major units of instruction include advanced plant science, soil science, animal science and agricultural mechanics. Applied math and science skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are recommended, as they are an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

**PREREQUISITE: Introduction to Agriculture or consent of the instructor**

**Agricultural Marketing and Supplies****(VALEES #A205)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 10-12 **Elective**  
Prerequisite: Introduction to Agriculture or consent of the instructor

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

**Agricultural Machinery Service****(VALEES #A217)**

Credit: 1  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisites: Introduction to Agriculture or consent of the instructor

This comprehensive machinery service course concentrates on the following areas: using service manuals, electrical applications for agricultural equipment, fundamentals of multi-cylinder engines, reconditioning and repairing agricultural equipment, assembling and adjusting agricultural equipment, organization and management of agricultural machinery dealerships, human relations, and sales techniques. Careers such as agricultural equipment salesperson, mechanic, parts manager, sales manager, service technician, and other related occupations would be examined. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are recommended, as they are an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

**Landscaping and Turf Management****(VALEES#A325)**

Credit: 1 unit  
Semesters: 2  
Grade Level: 11-12 **Elective**  
Prerequisite: Introduction to Agriculture or consent of the instructor

This advanced course focuses on the landscape, nursery, and turf segments of the horticulture industry. Units of study include: identifying landscape plants, designing landscape plans, landscape construction techniques, and installing landscape plants. Also included are nursery production, turf grass production, small engine repair, and maintenance of existing landscapes. Agribusiness units will cover calculating prices for work, managing a horticulture business, advertising, and sales. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects are recommended, as they are an integral course component for leadership development, career exploration, and reinforcement of academic concepts.

## **Indian Valley Vocational Center Course Description**

---

---

Indian Valley Vocational Center is a cooperative venture with 12 area school districts. Students receive 3 credits each year and are eligible to attend during their junior and senior years. Students will be selected on the basis of credits gained, excellent attendance, cooperative attitude, and lack of disciplinary issues at school.

The following courses of study are available at IVVC and are explained in detail in a separate booklet, which is available in the guidance office.

Auto Body Repair  
Auto Mechanics  
Building Trades  
Computer Technology  
Cosmetology  
Culinary Arts  
Drafting and Design  
Early Childhood Education  
Fire Science  
Graphic Communications  
Health Occupations  
Hospitality Management  
Law Enforcement  
Sports Medicine/Sports Management  
Welding & Fabrication

## **Courses at Waubonsee and Kishwaukee Community Colleges**

---

---

1. Waubonsee and Kishwaukee Community Colleges will be offered to Leland High School seniors.
2. Students must furnish their own transportation to and from the colleges.
3. The counselor will send a letter with the student for registration, stating the High School Principal's approval.
4. Students must pay their own tuition.
5. Grades from Waubonsee or Kishwaukee will count towards a student's grade point average and class rank at high school if taken for high school credit or may be taken for college credit and not counted.
6. Each 3 semester hours a student passes at Waubonsee or Kishwaukee will be given  $\frac{1}{2}$  unit of credit at high school if the student takes the classes for high school (not college) credit.
7. No student will be allowed to take over two courses a semester at Waubonsee or Kishwaukee and receive credit at Leland High School without school board approval.
8. Student must have prior approval of the administration before registering for any courses.