

# Prophetstown High School

## Course Offering Guide

**2011/2012**



**Prophetstown High School**  
**310 West Riverside Drive**  
**Prophetstown, IL 61277**  
**815-537-5161**  
[www.plt3.org](http://www.plt3.org)



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## TO THE PARENTS

Prophetstown High School is a comprehensive four-year high school offering several different courses. This booklet is offered to assist you in planning your student's education future. We ask families to work with their student's counselor to establish a plan and make adjustments as necessary throughout the high school years. It is our hope that all students will take advantage of the many opportunities Prophetstown High School has to offer and that they will challenge themselves to the maximum of their abilities.

## TO THE STUDENTS

We have prepared this course offering booklet with the hope that it will enable you, your parents, and your counselor to decide upon a program that will best prepare you for the future. You should pay close attention to the prerequisites and the courses offered every other year. Good planning should be a high priority as you continue through Prophetstown High School.

## EQUAL EDUCATIONAL OPPORTUNITY

COMMUNITY UNIT SCHOOL DISTRICT #3 INSURES EQUAL EDUCATIONAL OPPORTUNITIES ARE OFFERED TO STUDENTS, REGARDLESS OF RACE, COLOR, NATIONAL ORIGIN, AGE, SEX, RELIGION, OR HANDICAP. QUESTIONS IN REFERENCE TO EDUCATION OPPORTUNITIES MAY BE DIRECTED TO GUY GRADERT, PRINCIPAL AT PROPHETSTOWN HIGH SCHOOL, 310 WEST RIVERSIDE DRIVE, PROPHETSTOWN, IL 61277 – TELEPHONE: (815) 537-5161.

## GRADUATION REQUIREMENTS

A student must earn a minimum of 22 ½ academic credits plus ½ driver education credit.

### STARTING WITH THE CLASS OF 2014:

A student must earn a minimum of 24 ½ academic credits plus ½ driver education credit.

COURSE	CREDIT FOR HIGH SCHOOL	CREDIT RECOMMENDED FOR COLLEGE
ENGLISH	4	4
MATH	3	3
SCIENCE	3	3
US HISTORY I	1	1
US HISTORY II	.5	.5
WORLD HISTORY	1	1
CONSUMER EDUCATION	.5	.5
SPEECH	.5	.5
WORD PROCESSING	.5	.5
PHYSICAL EDUCATION	3	3
DRIVER EDUCATION (Must Have Passed 8 Classes the Previous 2 Semesters)	.5	.5
HEALTH	.5	.5
MUSIC, ART, FOREIGN LANGUAGE, OR TECHNICAL/VOCATIONAL	1	2
ELECTIVES	4 (6)	6
TOTAL CREDITS	23 (25)	26

## **COURSES REQUIRED EACH YEAR**

### **FRESHMAN YEAR:**

1. Two semesters of English
2. Two semesters of Mathematics
3. Two semesters of Science
4. Two semesters of World History
5. One semester of Health
6. One semester of Speech
7. Two semesters of Physical Education
8. Two semesters - Elective

### **SOPHOMORE YEAR:**

1. Two semesters of English
2. Two semesters of Mathematics
3. Two semesters of Science
4. Two semesters of U.S. History I
5. One semester of Driver Education
6. One semester of Physical Education
7. Four semesters - Elective

### **JUNIOR YEAR:**

1. Two semesters of English
2. Two semesters of Mathematics
3. Two semesters of Science
4. One semester of U.S. History II
5. One semester of Consumer Education
6. Two semesters of Physical Education
7. Six semesters – Elective

### **SENIOR YEAR:**

1. Two semesters of English
2. Two semesters of Physical Education
3. Ten semesters –Elective

## **STUDENT RESPONSIBILITY**

The responsibility for counting credits and meeting graduation requirements and other requirements rest with students and parents. Credits and subject requirements are verified from permanent records. Counselors help students meet graduation requirements through planning course selection during registration.

## **CREDITS REQUIRED FOR CLASS STANDING**

For the 2011-2012 school year the following standard will apply:

- 0 – 5 credits.....Freshman  
5 – 10 credits.....Sophomore  
11 – 15 credits.....Junior  
15 or more credits.....Senior

## **COURSE LOAD**

All students must be enrolled in at least six academic subjects to be considered a full-time student. No student will have more than one study hall.

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**CLASS RANK**

Class rank is determined by grade point average (GPA) and ranked highest to lowest.

**GRADE POINT AVERAGE**

Only academic subjects are used to determine GPA (Driver Education is the only subject which is not included in GPA). Grades in academic subjects are given numerical values:

A+ = 4.33	B+ = 3.33	C+ = 2.33	D+ = 1.33	F = 0
A = 4.00	B = 3.00	C = 2.00	D = 1.00	
A- = 3.66	B- = 2.66	C- = 1.66	D- = 0.66	FOR WEIGHTED GRADES ADD 1.0

When a student enters high school, it is expected that they begin preparing to become an adult. From the 1<sup>st</sup> day they enter, any grades they earned will be reflected on their transcripts.

**Schedule Changes**

Students may, with the permission of the parent, teacher, guidance counselor, and principal, drop or change a course during the first five days with no grade loss. Drops or withdrawals after the 5<sup>th</sup> day will result in a grade of WF. This grade (WF) will be included on your transcript and will be used in figuring your GPA.

**HONOR ROLL**

Students may qualify for 3 Honor Rolls:  
Academic Excellence must have a GPA of at least 4.0;  
High Honors must have a GPA between 3.33 – 3.99;  
Honors must have a GPA between 2.66 – 3.32.

**ELIGIBILITY**

All students that participate in IHSA sanctioned events must be passing 20 hours (4 academic classes) during the present and previous semester. Eligibility is checked weekly. Grades are not based on just that week's work, their grade is a cumulative grade based on a class since the beginning of the semester. Some coaches may have extra requirements.

**TESTING**

**EXPLORE- Freshman**

The EXPLORE program is designed to help 9<sup>th</sup> graders explore a range of options for their future. EXPLORE prepares students not only for their high school coursework, but for their post-high school choices as well. It marks an important beginning for a student's future academic and career success.  
Test Date-TBA

**PLAN-Sophomores**

The PLAN program includes tests in writing skills, mathematics, reading and science reasoning. P-ACT also contains an interest inventory consisting of 60 activities related to different types of work. This test predicts your ACT score.  
Test Date-TBA

**PSAT/NMSQT-Juniors**

The Preliminary Scholastic Aptitude Test National Merit Scholarship Qualifying Test is a multiple choice test that measures developed verbal and mathematic reasoning abilities important for academic performance in college. This exam also allows students to participate in the National Merit Scholarship competitions, the National Merit Achievement Scholarship Program for Outstanding Negro Students, and the National Hispanic Scholars Awards Program. Students usually take this exam in October of their junior year.

Test Date-October 14, 2009

**Prairie State Achievement Exam (PSAE)- Juniors**

The PSAE is administered each year to juniors and is required by the State of Illinois. **The test is a requirement for receipt of a regular high school diploma.** The scores are recorded on a student's permanent record and are provided whenever a transcript is sent. The PSAE has two components; the ACT and the Work Keys Test. The ACT portion may be used for college admissions. There is no charge for this test.

Test Dates- April 28 & 29, 2010                      Make up Dates-                      May 12 & 13, 2010

**ACT-Juniors/Seniors**

American College Testing Program consists of academic tests that measure educational development and is recommended or required by more that 2,700 post secondary institutions and scholarship programs. All Illinois colleges accept this exam for admission. It may be taken more than once. Most college bound students take this exam during the spring of their junior year. (See Prairie Sate Achievement Exam above.) In addition to the ACT being a component of the PSAE, it is a national test. To register for a national testing date visit [www.act.org](http://www.act.org). National test dates are listed:

September 12, 2009	February 6, 2010
October 24, 2009	April 10, 2010
December 12, 2009	June 12, 2010

**SAT-Juniors/Seniors**

The Scholastic Assessment Test is a three hour multiple choice test that measures verbal and mathematical reasoning abilities related to performance in college. This test is recommended or required by many post secondary institutions. It may be taken more than once.

**SAT II- SUBJECT TESTS-Juniors/Seniors**

Subject tests are designed to measure knowledge and ability to apply that knowledge in specific subject areas. Those colleges requiring subject tests use them in selecting students for admissions, course placement or both.

Test Dates-	
October 10, 2009	SAT I & II
November 7, 2009	SAT I & II
December 5, 2009	SAT I & II
January 23, 2010	SAT I & II
March 13, 2010	SAT I only
May 1, 2010	SAT I & II
June 2010	SAT I & II

**ASVAB**

Every fall the Guidance Department offers, free of charge, the Armed Services Vocational Aptitude Battery. An aptitude test tries to find your natural tendencies or inclinations in career fields. This test may be a real boost in your efforts to choose a career. See the counselor for details.

**Consumer Education Proficiency Test**

The Consumer Education proficiency test is given for students who wish to meet the mandates consumer education requirement for graduation. Specific dates for the test will be announced via daily announcements.

Test Dates- October 2009

**WHITESIDE AREA VOCATIONAL CENTER ADMISSION CRITERIA**

Prophetstown High School pays tuition of over \$1,000 for each student enrolled at the Whiteside Area Vocational Center on the 6<sup>th</sup> day of enrollment. There is no tuition refund. If a student drops the class after the 6<sup>th</sup> day of enrollment he/she will be responsible for reimbursement of the tuition to the school district.

The following criteria will determine a student's eligibility.

1. Grades – a student must have at least 10 academic credits and a GPA of at least 1.5
2. Attendance – a student will not have missed more than 10 days of absence during the previous school year for any reason other than serious illness or accident.
3. Discipline – a student must not have more than two discipline referrals

**SCHOOL SPORTS**

Fall Season: Football, Cheerleading, Volleyball, Cross Country, Golf, Girls Swimming

Winter Season: Basketball, Cheerleading, Wrestling, Boys Swimming, Dance

Spring Season: Track, Baseball, Softball

**SCHOOL ACTIVITIES**

Art Club, Class Officer, Future Farmers of America (FFA), Future Homemakers of America (FHA), LEO Club, Musical, National Honor Society (NHS), Science Club, Spirit Club, Yearbook and Scholastic Bowl, Newspaper and Student Council.

## SUGGESTED PROGRAM TRACKS (MINIMUMS)

4-YEAR COLLEGE	2 YEAR COLLEGE/ TECHNICAL SCHOOL	NON-COLLEGE MILITARY
ENGLISH 1,2,3,4	ENGLISH 1, 2, 3, 4	ENGLISH 1, 2, 3, 4
ALGEBRA I (Algebra 1A & 1B) ALGEBRA II ALGEBRA III GEOMETRY 3 ADVANCED MATH I, II TRIGONOMETRY, CALCULUS INTERMEDIATE COLLEGE ALG. COLLEGE ALGEBRA	ALGEBRA I (Algebra 1A & 1B) ALGEBRA II GEOMETRY 3	ALGEBRA IA ALGEBRA IB ALGEBRA I 3 GEOMETRY ALGEBRA II
PHYSICAL SCIENCE BIOLOGY I BIOLOGY II CHEMISTRY I 3 CHEMISTRY II PHYSICS BOTONY, ZOOLOGY ENVIRONMENTAL SCIENCE	PHYSICAL SCIENCE BIOLOGY I BIOLOGY II CHEMISTRY I 3	PHYSICAL SCIENCE BIOLOGY I CHEMISTRY I 3
GEOGRAPHY WORLD HISTORY US HISTORY I 3 US HISTORY II CONSUMER EDUCATION	WORLD HISTORY US HISTORY I US HISTORY II 3 CONSUMER EDUCATION	WORLD HISTORY US HISTORY I US HISTORY II 3 CONSUMER EDUCATION
SPEECH/STUDY SKILLS WORD PROCESSING I 1	SPEECH/STUDY SKILLS WORD PROCESSING I 1	SPEECH/STUDY SKILLS WORD PROCESSING I 1
HEALTH DRIVER EDUCATION PHYSICAL EDUCATION 4	HEALTH DRIVER EDUCATION PHYSICAL EDUCATION 4	HEALTH DRIVER EDUCATION PHYSICAL EDUCATION 4
SPANISH I AND II ART I AND II MUSIC I AND II 2	SPANISH I ART I 1 MUSIC I TECHNICAL/VOCATIONAL	SPANISH I ART I 1 MUSIC I TECHNICAL/VOCATIONAL
ELECTIVES	ELECTIVES	ELECTIVES

STATE COLLEGES AND UNIVERSITIES HAVE INSTITUTED THE FOLLOWING RECOMMENDED REQUIREMENTS FOR ADMITTANCE:

- 4 ENGLISH (required)
- 3 MATH (NOT TECH MATH);
- 3 SCIENCE (2 MUST BE LAB SCIENCES);
- 3 SOCIAL STUDIES; AND
- 2 FOREIGN LANGUAGE, ART OR MUSIC.

HOWEVER, SOME STATE SCHOOLS AND PRIVATE COLLEGES HAVE STRICTER REQUIREMENTS, SO CHECK WITH YOUR GUIDANCE COUNSELOR WHEN MAKING COLLEGE PLANS AND HIGH SCHOOL COURSE SELECTIONS TO ELIMINATE THE POSSIBILITY OF COMING UP SHORT YOUR SENIOR YEAR.

## **AGRICULTURE**

### **AGRICULTURE I: Introduction to Agriculture Industry**

**GRADES 9-12**

ELECTIVE – 1 credit – no prerequisite

This introductory course provides an opportunity for students to learn how the ag 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 ag field. Both agribusiness and production applications are presented. Basic concepts in animal science, plant science, soil science, horticulture, ag resources, agribusiness management and ag mechanics along with an introduction to FFA, record keeping and employability skills are included. Microcomputer applications are introduced.

### **AGRICULTURE II: Agricultural Science**

**GRADES 10-12**

ELECTIVE – 1 credit – prerequisite/Agriculture I

This second-year course builds on the basic skills and knowledge gained from the introductory course. Major units of instruction include advanced plant and soil science, advanced animal science and ag mechanics skills necessary for maintaining and repairing equipment and/or facilities. Applied math/science skills and employability skills are stressed throughout the course. Microcomputer applications are used as they relate to each instructional unit.

### **AGRICULTURE V: Agricultural Mechanics**

**GRADES 10-12**

ELECTIVE – ½ credit – prerequisite/Agriculture I

This course will introduce students to the basic theory and use of electricity in household and agricultural settings. Attention will be given to planning, diagramming and wiring electrical circuits in accordance with the National Electrical Code. Also, the course will concentrate on various skills used in installing and maintaining electric motors and controls. Other ag mechanics topics may be included.

### **AGRICULTURE VI: Agriculture Power Mechanics**

**GRADES 10-12**

ELECTIVE – ½ credit – prerequisite/Agriculture I

This course will concentrate on the theory and principles of the operation of the small gas engine. Safety procedures and maintenance of hand tools will be emphasized as students disassemble and reassemble a simple one- or two-cylinder engine. Use of measuring tools such as micrometers and telescoping gauges will be covered along with other agriculture power topics. Students may be expected to provide their own engine for disassembly.

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**BUSINESS**

**INTRODUCTORY WORD PROCESSING:**

**GRADE 9**

**REQUIRED** – ½ credit – no prerequisite

Students will review and improve their basic keyboarding skills in Introductory Word Processing. They will be taught formatting skills to enable them to create memos, personal-business letters, envelopes, reports and tables in accepted business styles. Microsoft Word is used as the program of choice along with other skill-developing programs.

**ADVANCED WORD PROCESSING:**

**Grades 10-12**

**ELECTIVE** – 1 credit – prerequisite/an A or B in Introductory Word Processing

Students in Advanced Word Processing will continue to improve and reinforce their keyboarding skills. They will also develop special skills needed to perform successfully in a modern office such as telephone technique and computerized transcription. Students will build upon their knowledge of computer programs by developing their skills using Microsoft Word, Excel, and Access.

**ACCOUNTING I:**

**Grades 11-12**

**ELECTIVE** – 1 credit – no prerequisite/suited for A or B students

Students in Accounting I will receive an overall view of the accounting cycle. They will learn the basics of keeping business records with an emphasis on the techniques of recording, analyzing, classifying, and summarizing transactions. Included in the course will be the study of accounting for a service business organized as a proprietorship, accounting for a merchandising business organized as a partnership, and accounting for a merchandising business organized as a corporation.

**ADVANCED COMPUTERS:**

**Grades 11-12**

**ELECTIVE** – ½ credit – prerequisite/an A or B in Introductory Word Processing

Advanced Computers is designed to help prepare students for the world of business. They will build on their knowledge of computer programs by further developing their skills using PowerPoint as well as other programs geared towards training students in the areas of spreadsheet and database use in business.

**BUSINESS CONCEPTS:**

**Grades 11-12**

**ELECTIVE** – ½ credit – prerequisite/an A or B in Introductory Word Processing

Business Concepts provides a general background in understanding the principles of business in today's world. Students in the classroom are considered future managers, and each area of study is taught from that perspective. The retailing field is used as a basis of study. Some of the areas of instruction are: customer service, management, electronic calculators, and record keeping. Students use computer applications to produce the various activities within the units.

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**ENGLISH**

**ENGLISH I:**  
**REQUIRED** – 1 credit – no prerequisite

**Grade 9**

Students will become acquainted with a variety of forms of literature such as short stories, essays, drama, poetry, the epic and the novel. They will also review basic concepts of mechanics, sentence construction, and usage along with writing for a variety of purposes. Four SRC books per semester are required.

**ENGLISH II:**  
**REQUIRED** – 1 credit – prerequisite/English I

**Grade 10**

Students in English II will review some of the information learned in English I and learn new information in preparation for English III. They will receive further instruction in grammar, within the context of writing. The use of phrases and modifiers, as well as agreement, usage and mechanics will be part of this focus. Students will read and respond to a variety of literature, including short stories, non-fiction selections, Antigone, Julius Caesar, To Kill A Mockingbird, and poetry. Students will build their writing and thinking skills through different types of writing, including various styles of essays (narrative, expository, descriptive, and persuasive), journals, and poetry. Weekly vocabulary lists will be studied. Four SRC books per semester are required.

**ENGLISH III:**  
**REQUIRED** – 1 credit – prerequisite/English II

**Grade 11**

English III includes a study of American literature, tracing its development from colonial days to the present. A major aim in this study is to provide the students with an understanding and an appreciation of their literary heritage, as well as connections between literature of the past and present. Students will read and respond to a variety of works, including classic canonical works by such authors as Emerson, Thoreau and Poe, as well as contemporary literary works and texts. Students will also engage in writing, with an emphasis on all stages – prewriting, drafting, and editing/revising – of each major essay/project completed in this class. Vocabulary will be studied in the context of class readings. A major product during the year will be a study of the methods used for writing a research paper. Six ROC books are required.

**\*ENGLISH IV:**  
**REQUIRED** (or APPLIED ENGLISH IV) -1 credit (\*weighted class)-prerequisite/English III

**Grade 12**

English IV is a class designed for students who plan to attend college. Students will focus on improving written and oral communication skills while studying the great writers of England from the 9<sup>th</sup> century to the present. Students will read a variety of types of literature, including an epic, ballads, drama, essays, short stories and novels. Among the types of writing included in the class are the definition paper, character analysis, comparison/contrast, original poetry and stories. Four SRC books per semester are required.

**ENGLISH continued:****APPLIED ENGLISH IV:****Grade 12****REQUIRED** (or ENGLISH IV) – 1 credit – prerequisite/English III

Applied English IV is designed to build and develop the skills of those students who plan to enter the work force or a community college or technical school soon after graduation from high school. Emphasis will be on reading responsively, real life applications of themes presented, expanding writing skills through a variety of writing forms (including journals), communication skills, and cooperative learning skills. Included in the works and units studied will be a unit on media/film literacy. Six ROC books are required.

**\*ENGLISH 101: COMPOSITION I:****Grade 12****ELECTIVE** (DUAL CREDIT – ½ credit (\*weighted class)/3 college credits)

- prerequisite/English III &amp; ACT English of 20 or above

A basic course in essay writing with emphasis on exposition, ENG 101 stresses knowledge and application of the rhetorical modes. ENG 101 presupposes competence in grammar, usage, and mechanics.

**\*ENGLISH 103: COMPOSITION II:****Grade 12****ELECTIVE** (DUAL CREDIT – ½ credit (\*weighted class)/3 college credits)

- prerequisite/English 101 with a grade of ‘C’ or better &amp; ACT English of 20 or above)

An advanced course in essay writing with emphasis on formal research, ENG 103 serves to develop a proficiency in the collection and selection of data as applied to the completion of a formal research paper. In addition, students receive instruction in logic and reasoning, including the fundamentals of argumentative and persuasive writing.

**JOURNALISM YEARBOOK:****Grades 11-12****ELECTIVE** – 1 credit – prerequisite/A or B in English II, III, IV; application also required

This course offers students the opportunity to engage in different styles of writing and work with different media (photo, art, etc.) in putting together the high school yearbook. Literature will not constitute a part of this class. Nevertheless, students will be expected to read class-related materials and work cooperatively to complete much of the work involved. This course does not count towards the 4-credit English requirement.

**ENGLISH Cont.****JOURNALISM NEWSPAPER:****Grades 11-12**

ELECTIVE – 1 credit – prerequisite/A or B in English II, III, IV; application also required

This course offers students the opportunity to engage in different styles of writing and work with different media (photo, art, etc.) in putting together the high school newspaper. Literature will not constitute a part of this class. Nevertheless, students will be expected to read class-related materials and work cooperatively to complete much of the work involved. This course does not count towards the 4-credit English requirement.

**FOREIGN LANGUAGE****SPANISH I:****Grades 9-12**

ELECTIVE – 1 credit – no prerequisite

This course is intended to meet the essential needs of the beginner in Spanish through the audio-lingual approach. The immediate aims are to train the students to understand and to speak the language. A unit on Spanish geography and art will be included throughout the course. Culture will also be discussed throughout the year. This course is a first step fulfilling the average requirement of 2 years of a foreign language for college admission.

**SPANISH II:****Grades 10-12**

ELECTIVE – 1 credit – prerequisite/Spanish I

The emphasis is on fluency. There is considerable reading, discussing culture and practicing with new vocabulary to develop comprehension skills. Grammar study and writing are more heavily emphasized than in Spanish I. This course will fulfill the 2 years foreign language requirement for college admissions.

**SPANISH III:****Grades 11-12**

ELECTIVE – 1 credit – prerequisite/Spanish II

Speaking, listening, reading and grammar skills are further developed. Students' vocabulary will be increased, through reading selections from books. Selections by Hispanic authors will be read.

**\*SPANISH IV:****Grade 12**

ELECTIVE – 1 credit (\*weighted class) – prerequisite/Spanish III

Speaking, listening, reading and grammar skills are further developed. Vocabulary will be increased. There will be reading from outside sources, and more selections by Hispanic authors will be read. New culture, history and art information will be given.

## **FAMILY & CONSUMER SCIENCES**

### **HOME EC I: Orientation to Family & Consumer Sciences**

**Grades 9-12**

ELECTIVE – 1 credit – no prerequisite

This course is designed to prepare students with the skills to become productive individuals, family members and workers. The course content will include the following areas: clothing and textiles; resource and management; foods and nutrition; housing, home furnishings and equipment; interpersonal and family relations; and in introduction to the World of Work. As knowledge and skills are taught in each of these units, students will also be introduced to related career opportunities.

### **FOODS AND NUTRITION:**

**Grades 9-12**

ELECTIVE – ½ credit – no prerequisite

This course includes: basic classroom and laboratory experiences needed to develop the knowledge and understanding of basic food principles; nutrition for people of all ages; and competency in food selection, food purchasing and food preparation. The course content centers around the following areas: meeting health and safety needs; maximizing resources when planning, preparing and serving foods; analyzing individual and family nutrition needs; promoting hospitality and food practices; promoting food services and preparation management.

### **HOME EC II: Creative Sewing**

**Grades 10-12**

ELECTIVE – ½ credit – prerequisite/Home Economics I **(Cost: cost of material for clothing project)**

This course is planned to provide students the opportunity to develop knowledge and understanding of textiles, fashions and fabrics; to assist them in meeting the clothing and fabric (fashion) needs for themselves, their families and/or general public. The course content centers around developing student competencies in the following areas: selecting clothing and textile products; meeting social, physical, psychological and economics needs in clothing and textiles; maximizing resources; and selecting, constructing, altering, repairing and remodeling clothing/textile products.

### **ADVANCED CREATIVE SEWING:**

**Grades 10-12**

ELECTIVE – ½ credit – prerequisite/Creative Sewing **(Cost: cost of material for clothing project)**

### **HOME EC III: Child Development and Parenting**

**Grades 9-12**

ELECTIVE – 1 credit – no prerequisite

This course will prepare students with the basic skills needed to be a responsible and caring parent. It examines personal readiness to become a parent and stresses that parents need to provide children with the best possible environment in which to grow and develop. The student will learn about the mental, physical, social and emotional development of children (primarily pre-schoolers). Special attention is given to preparing for parenthood prenatal development and care and childbirth. Many types of parenting situations are examined. Various types of parenting crises are emphasized. Special attention is given to teenage parenting.

## **LIFE SKILLS/SPEECH – HEALTH – DRIVER EDUCATION**

### **SPEECH/LIFE SKILLS:**

**Grade 9**

**REQUIRED** – ½ credit – no prerequisite

In this introductory course students have the opportunity to gain skill, confidence and fluency in public speaking. Public speaking is a life skill that all students need to develop. Student gain an understanding of both basic communication principles and public speaking strategies through their application of these principles in a variety of speaking assignments.

### **HEALTH:**

**Grade 9**

**REQUIRED** – ½ credit – no prerequisite

A detailed study of growth and maturation, including the specific areas of reproduction, physical and mental diseases, nutrition, fitness, mental attitudes and social relationships. Movies and speakers will be utilized in this course.

### **DRIVER EDUCATION:**

**Grade \*9-12**

**REQUIRED** – ½ credit – prerequisite/see below

By Illinois state law, effective September, 1993, any student enrolled in driver's education must have successfully passed 8 credits in the previous 2 semesters of school. This can include junior high work, if necessary, in the case of a freshman. The classroom phase will include the study of the Illinois Rules of the Road. Students must successfully complete 30 hours of classroom in order to proceed to the driving phases, therefore a limited number of absences are allowed. The driving phase consists of 6 hours of learning the basic skills of driving such as parking, city driving and highway driving.

A fee of \$50 will be charged by the school and \$20 by the State of Illinois for the Learner's Permit. \*Freshmen who meet the birthday guidelines will only be enrolled second semester only after sophomores, juniors, and seniors with space permitting.

1<sup>st</sup> sem: Age 16 on or before December 31, 2010\*

2<sup>nd</sup> sem: Age 16 on or before July 1, 2011\*

Summer School is available on a limited basis – interested students should sign up when the summer school information is announced. A birthday priority will be used for available spaces.

\* The birthdates above are our best estimates for obtaining an equal class balance between terms. Students shall be aware that the dates shown may be adjusted after registration to adjust for class balance. Counselor will notify students affected by any adjustment.

**PHYSICAL EDUCATION****PHYSICAL EDUCATION:****Grades 9-12****REQUIRED** (or PERSONAL FITNESS) – 1 credit – no prerequisite

A variety of structured activities are planned for each semester, including, but not limited to, football, recreational games, soccer, pickle ball, badminton, fitness, basketball, tennis, track and field and dance.

**PERSONAL FITNESS:****Grades 9-12****REQUIRED** (or PHYSICAL EDUCATION) – 1 credit – no prerequisite

This class is designed to enhance a student's knowledge of personal fitness. Students will develop a fitness plan that includes weight training, cardio, swimming and body fat analysis. Students will keep a daily personal fitness log as part of the written portion of this class. Activities in the pool are a weekly requirement of this class.

**MATHEMATICS****CONSUMER MATH I & II:****Grades 9-12**

ELECTIVE – 1 credit each –no prerequisite

Students will study math from a “real-life” point of view. Applications will include topics such as wages, checking accounts, credit and buying a car, among others.

**PRE-ALGEBRA:****Grades 9-12**

ELECTIVE – 1 credit –no prerequisite

This class is for those students who were in Consumer I/II or incoming freshmen. These students need exposure to the skills necessary to be successful in Algebra I. Students will expand number sense to understand and perform operations and solve problems with rational numbers.

**ALGEBRA IA/IB:****Grades 9-12**

ELECTIVE (BLOCK) – 2 credits (1 Math credit; 1 Elective credit) – no prerequisite

This course will cover the same topics as and go at a similar pace as Algebra I. Basic Geometry topics will also be included in the curriculum. Students will meet twice a day, once for a lesson and once for review and homework time. Students will receive a math credit for the first class and an elective credit for the second class. This class is designed for students who took Consumer Math and Pre-Algebra or on recommendation from instructor.

**ALGEBRA I:****Grades 9-12**

ELECTIVE – 1 credit – no prerequisite

This is the first course of the traditional college preparatory mathematics series. It involves solving and graphing linear equations, extensions of the rational number systems, solving two equations, extensions of the rational number systems, solving two equations and two unknowns, verbal problems, use of the quadratic formula, solving inequalities and learning the language of algebra.

**BASIC ALGEBRA II:****Grades 10-12**

ELECTIVE – 1 credit – prerequisite/Algebra I, Geometry or Basic Geometry

This course covers most of the Algebra II topics at a slower pace. Placement in this class is by instructor recommendation.

**ALGEBRA II:****Grades 10-12**

ELECTIVE – 1 credit – prerequisite/Algebra I &amp; preferably Geometry

This course is part of the college preparatory mathematics sequence with extended study of the concepts of Algebra, inequalities, linear equations and functions, and products and factors of polynomials. Also, rational expressions, irrational and complex numbers, quadratic functions, and variation and polynomial equations will be studied.

**MATHEMATICS - continued****BASIC GEOMETRY:****Grades 10-12**

ELECTIVE – 1 credit – prerequisite/Algebra I or Algebra IA/B

This course covers all topics in regular Geometry except proofs. Placement in this course is based on instructor recommendation.

**GEOMETRY:****Grades 9-12**

ELECTIVE – 1 credit – prerequisite/Algebra I (incoming freshman must have passed Algebra I with A or B)

This course is part of the college preparatory mathematics sequence. The following topics are covered: deductive/inductive reasoning, points, lines, planes, polygons and area, triangle relationships, surface area and volume, right triangle trigonometry, circles, and the writing of geometric proofs.

**INTERMEDIATE COLLEGE ALGEBRA:****Grades 11 - 12**

ELECTIVE—1/2 credit—prerequisite/Algebra II

This course assumes familiarity with material in ALGEBRA II. Topics extended to an intermediate level include: real numbers and expressions, equations and inequalities, graphing methods, polynomials and factoring, rational expressions, radicals, quadratic equations, and systems of equation. New topics include: functions and their graphs, radicals and complex numbers, quadratic and rational inequalities, graphs of second degree equations and variation.

This course requires a graphing calculator, which the school may provide. Please consult the instructor before purchasing one.

**\*COLLEGE ALGEBRA:****Grade 11 - 12**

ELECTIVE - DUAL CREDIT – ½ credit (\*weighted class) /4 college credits – SVCC MAT 121

– prerequisite-Algebra I, Geometry, & Algebra II with grades of at least C in each or a qualifying  
Compass Test or ACT score

This course assumes proficiency with material in Intermediate College Algebra. Topics extended to the college level include: real numbers, exponents and radicals, polynomials and factoring, fractional expressions, equations and inequalities, functions and their graphs, conic sections, and systems of equations and inequalities. New topics include: zeros of polynomial functions, rational functions, exponential and logarithmic functions, matrices and determinants, sequences, and the binomial theorem.

This course requires a graphing calculator, which the school may provide. Please consult the instructor before purchasing one. Students earning less than a grade of C must reimburse PLT CUSD #3 for the college tuition.

**MATHEMATICS - continued****\*TRIGONOMETRY:****Grade 12**

ELECTIVE - DUAL CREDIT – ½ credit (\*weighted class) /3 college credits – SVCC MAT 122

– prerequisite-College Algebra (SVCC MAT 121) with a grade of at least C or a qualifying Compass Test or ACT score

This course consists of an elementary survey of trigonometry and its applications. Topics include a review of prerequisite topics, radian measure and the unit circle, trigonometric functions and their graphs, and inverse trigonometric functions. Also included are trigonometric identities and equations, the solution of right and oblique triangles, vectors, and a review of exponential and logarithmic functions and their applications.

This course requires a graphing calculator, which the school may provide. Please consult the instructor before purchasing one. Students earning less than a grade of C must reimburse PLT CUSD #3 for the college tuition.

**\*CALCULUS AND ANALYTIC GEOMETRY I:****Grade 12**

ELECTIVE - DUAL CREDIT – ½ credit (\*weighted class) /4 college credits – SVCC MAT 203

– prerequisite-Trigonometry (SVCC MAT 122) with a grade of at least C or a qualifying Compass Test or ACT score

The elementary concepts of differential and integral calculus are introduced and applications are discussed. These include limits, continuity, the derivative, rules of differentiation, the indefinite and definite integral. Trigonometric functions are dealt with. Some applications are related rates, graphing, extreme value problems, and Newton's methods for finding roots of equations.

This course requires a graphing calculator, which the school may provide. Please consult the instructor before purchasing one. Students earning less than a grade of C must reimburse PLT CUSD #3 for the college tuition.

**\*ADVANCED MATH I:****Grades 11-12**

ELECTIVE – 1/2 credit (\*weighted class) – prerequisite/Algebra II and Geometry

This upper level one semester course will cover specific types of functions in depth. Functions studied will include quadratic, exponential and logarithmic. Particular attention will be paid to applications of these functions as they model real life situations. The TI-83 Plus graphing calculators are used extensively in the class so students can discover the relationship among algebraic functions, tables and graphs.

**MATHEMATICS - continued****\*ADVANCED MATH II:****Grade 12**

ELECTIVE – ½ credit (\*weighted class) – prerequisite/Advanced Math I

This upper level one-semester class will cover advanced topics in analytic geometry and trigonometry. Topics include (time permitting) a thorough discussion of functions (domain, range, function operations, symmetry, translations and inverses), linear programming, complex sine and cosine functions (amplitude, period, translations and graphing), modeling of periodic behavior using the sine function, the sum/difference/double/half angle formulas of sine and cosine, polar and rectangle form of complex numbers, vectors and parametric equations. The TI-83 Plus graphing calculators are used extensively in the class so students can discover the relationship among algebraic functions, tables and graphs.

**\*ELEMENTARY STATISTICS:****Grade 12**ELECTIVE - DUAL CREDIT – ½ credit (\*weighted class) /3 college credits  
– prerequisite Calculus and/or Advanced Math)

This class is offered as dual credit with SVCC and is taken by distance learning TV. It counts as 3 college credits if the student earns at least a 'C'. It is an introduction to basic concepts in statistical methods including measures of central tendency, measures of dispersions, probability, theoretical and empirical distribution, estimation, tests of hypotheses, linear regression and correlation.

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**FINE ARTS**

**BAND:** **Grades 9-12**  
ELECTIVE – 1 credit – prerequisite/prior instrumental experience or consent of instructor

Band meets every day. Students will become familiar with varied music genres through theory and literature. Mandatory performances for the ensemble include, but are not limited to, football games, basketball games, volleyball games, parades, school ceremonies, community ceremonies, contests and concerts. Optional solo opportunities are available.

**CHORUS:** **Grades 9-12**  
ELECTIVE – 1 credit – no prerequisite

Chorus meets every day, with a few **mandatory** performances outside of school. These include, but are not limited to: concerts, IHSA contest, graduation, some community performances. Students will sing a variety of music while learning music history and music theory. This class involves some written work.

**ART FOUNDATIONS:** **Grades 9-12**  
ELECTIVE – 1 credit – no prerequisite

This is a beginning art course for students to experience all realms of fine art and visual culture. The student will be given instruction in various mediums (pencil, water color, acrylic, ink, sculpture, printmaking, calligraphy, etc.), exploring the history of art, along with creating a wide range of projects.

**ART II:** **Grades 10-12**  
ELECTIVE – 1 credit – prerequisite/Art Foundations

This course is designed to refine the skills learned in Art Foundations. The student will be allowed to work with a variety of medium, acquire new techniques, and learn more in-depth history about art through the ages.

**STUDIO ART:** **Grades 11-12**  
ELECTIVE – 1 credit – prerequisite/Art II

This course is designed for the more serious art students with an emphasis placed on the development of an Art Portfolio, concentrating on the strengths and weaknesses of the student in creating, evaluating and appreciating art.

**FINE ARTS-continued****\*ADVANCED STUDIO ART:****Grade 12**

ELECTIVE – 1 credit (\*weighted class) – prerequisite/Studio Art

This course is designed for the student who has a defined interest in art and will continue to build the student's Portfolio. The student will be allowed to choose projects from a variety of medium and to develop further the skills that have been acquired throughout the previous art courses. Also the student will take a closer look into the eras of art history.

**PHOTOGRAPHY:****Grades 10-12**

ELECTIVE – ½ credit – no prerequisite

Through discussion, demonstrations, slide presentation and “hands on” application, students will become skilled in camera control, film processing and both traditional and creative darkroom techniques. Students will also become familiar with the history and development of cameras, photography and work by other photographers. Areas of study include: camera skills, film processing, darkroom skills, equipment, elements of photography, principals of composition, experimental techniques, mounting techniques and photography history.

**The purchase of supplies is necessary in all levels of art classes.**

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**SCIENCE**

**EARTH SCIENCE:**

**Grades 9-10**

**REQUIRED** – 1 credit – no prerequisite (may opt out if met or exceed on science area of EXPLORE test)

This course is an overview of the Earth and its place in space. Mountain and ocean formation, interior structure, rocks and minerals, erosion, earth history, mapping, basic meteorology and astronomy are covered. Matter, atoms and the periodic table are also covered.

**BIOLOGY I:**

**Grades 9-10**

**REQUIRED** – 1 credit – no prerequisite

This course gives the student an understanding of life and the factors that impact it. This course includes the chemistry of life, cellular biology, genetics and heredity, evolution, and diversity of life.

**PHYSICS I:**

**Grades 10-12**

**ELECTIVE** – 1 credit – prerequisite/Earth Science & Biology I - may take concurrently; Algebra I

Conceptual physics, introduction to physics concepts and applications.

**CHEMISTRY I :**

**Grades 10-12**

**ELECTIVE** – 1 credit – prerequisite/Earth Science & Biology I - may take concurrently; Algebra I

An introduction to inorganic chemistry focusing on how some forms of matter are thought to interact. Activities examine atomic structure, elemental combinations, periodic table, chemical equations, acids and bases, bonding and gas laws.

**ANATOMY & PHYSIOLOGY:**

**Grades 10-12**

**ELECTIVE** – 1 credit – prerequisite/Earth Science & Biology I – may take concurrently

The basic concept of the course is to familiarize students with the structure of their bodies and how their bodies function. The course will prepare interested students for further specialized work in the field. Labs have been designed to illustrate the fundamental principles.

**\*PHYSICS II:**

**Grades 11-12**

**ELECTIVE** – 1 credit- prerequisite/ Physics I & Algebra II or permission of instructor/counselor

Additional in-depth study of physics concepts, problem solving, project based

**SCIENCE - continued****\*CHEMISTRY II:****Grade 11-12**

ELECTIVE – 1 credit- prerequisite/Chemistry I and Algebra II or permission of instructor/counselor

The subject matter is presented theoretically and practically with the purpose of providing the student with in-depth studies of topics within inorganic chemistry. Topics include chemical kinetics, equilibrium, acid base reactions and pH oxidation-reaction.

**\*\*ENVIRONMENTAL SCIENCE:****Grades 11-12**

ELECTIVE – 1 credit – prerequisite/Earth Science &amp; Biology I

Environmental Science is an area of study that is essential to science literacy. The environment affects our health, our food and water supply, our politics, and our economy. Many of our future decision makers are disconnected from this topic. It is this course's objectives to reach students with the type of information that will ready them for their role in resolving current problems in our environment.

**\*\*ZOOLOGY:****Grades 11-12**

ELECTIVE – ½ credit – prerequisite/Earth Science &amp; Biology I

The study of zoology is designed to give the students a more in depth understanding of the kingdom Animalia. Activities observe, study, experiment with and dissect animals of varying characteristics. The appreciation of the increasing complexity of animal form is a main objective.

**\*\*BOTANY:****Grades 11-12**

ELECTIVE – ½ credit – prerequisite/ Earth Science &amp; Biology I

This course gives the student an understanding of the kingdom Plantae. This course covers plant structure and the functions related to each structure. Plant reproduction and behavior are also discussed. Labs are designed to apply and illustrate the concepts covered in lecture.

**\* Weighted Class****\*\*Zoology/Botany & Environmental Science will be offered on a rotation basis.**

(Environmental Science will be offered in fall 2011 and Zoology &amp; Botany will be offered in 2012)

**SCIENCE - continued****GENERAL SCIENCE I:** (Special Education only)

Focus on basic Chemistry. Topics include scientific method, measurement, periodic table, bonding, and environmental concepts. The class will examine real world applications to agriculture, home chemicals, and food.

**GENERAL SCIENCE II:** (Special Education only)

Focus on Physics. Topics include scientific method, measurement, force, motion, acceleration, simple machines. The class will examine real world applications to machinery, tools, agriculture, and home applications.

**BASIC BIOLOGY:** (Special Education only)

Basic understanding of life processes. This course includes chemistry of life, cellular biology, genetics and heredity, and diversity of life.

**SOCIAL STUDIES****WORLD HISTORY:****Grade 9****REQUIRED** – 1 credit – no prerequisite

The first semester is a study of the rise of the first civilizations (Egypt, Mesopotamia, Indus Valley, and China), the classical civilizations (Greek and Roman), and the transition of the western world to the Middle Ages. The second semester examines the Islamic world, the development of nations, the Renaissance, the Reformation, the Age of Reason, the Enlightenment, and concludes with the beginning of the modern world.

**AMERICAN HISTORY I:****Grade 10****REQUIRED** – 1 credit – no prerequisite

This course covers the basic concepts of American History from the discovery of America to the World War II. Special emphasis is paid to the social, economic, and political trends of both domestic and international relations.

**AMERICAN HISTORY II:****Grade 11****REQUIRED** – ½ credit – no prerequisite

This semester course is the final part of the American History requirement. The class emphasizes the political, economic and social development of the United States during the 20<sup>th</sup> century. Attention is also given to global developments during this period and their relationship to American political and economic systems. The United States Constitution test, required for graduation, will be administered also.

**CONSUMER EDUCATION:****Grade 11****REQUIRED** – ½ credit – no prerequisite

The student will learn how the economy affects the individual consumer/worker and citizen. The student will also learn how to make decisions for themselves in handling money, contracts, credit, insurance, housing, foods and taxes. Students that receive a 70% correct score on the state of Illinois Consumer Education Proficiency Exam are not required to take this class. The exam is given the last week of January of the junior year.

**WORLD CULTURES:****Grades 11-12****ELECTIVE** – 1 credit – prerequisite American History I or permission of instructor

The first semester examines the basic concepts of physical and human geography. Topics include, but are not limited to, the following: weather, climate regions, environmental issues, the global economy, world cultures, and population demographics. The second semester builds on the concepts learned first semester by studying specific regions of the world. Students will examine different physical and human geographic features from around the world using the conceptual models learned in the first semester.

**SOCIAL STUDIES-continued****SOCIOLOGY:****Grades 11-12**

ELECTIVE – ½ credit – no prerequisite

This course includes the study of the nature of society, cultural groups, institutions cultural diversity and change. Students will explore the process of socialization, analyze groups and interaction among groups. This course will bring students to an understanding of the forces in our society that has shaped them into the person they have become.

**PSYCHOLOGY:****Grades 11-12**

ELECTIVE – ½ credit – no prerequisite

Students in this class will be introduced to the systematic and scientific study of the behavioral and mental processes of human beings and animals. Students will analyze methods used by psychologists to explore the processes involved in normal and abnormal thought, feelings and actions.

**ILLINOIS HISTORY:****Grades 11-12**

ELECTIVE – ½ credit – no prerequisite

This course will introduce the student to the rich history of the state of Illinois. The course will cover the exploration, settlement, and development of our state. Emphasis on the role of Illinois in and of all major events of our country's history will be shown. The course will also examine the history of the city of Prophetstown, and the county of Whiteside.

## TECHNICAL EDUCATION

### **TECHNICAL EDUCATION I:**

**Grades 9-12**

ELECTIVE – 1 credit – no prerequisite

This course provides an introduction into technology and is a prerequisite to all other technology based classes. This course will cover a wide range of topics including transportation, energy utilization, construction, manufacturing, and communication. Throughout this course the students will be exposed to real life experiences relating to the concepts of technology and the history and social impacts of those technologies. These experiences will come in a variety of forms, such as hands on activities, debates, presentations, and etc.

### **TECHNICAL EDUCATION II:**

**Grades 10-12**

ELECTIVE – 1 credit – prerequisite/Tech Ed I

This course provides a more in-depth look at the technologies used in Tech Education I with a new emphasis on construction techniques. Students will participate in hands on activities designed to reinforce the content covered in this class. Some of the areas of concentration include: drafting; transportation; construction and manufacturing (wood).

### **TECHNICAL EDUCATION III:**

**Grades 11-12**

ELECTIVE – 1 credit – prerequisite/Tech Ed II or permission of instructor

This course is designed for the dedicated student with an interest in manufacturing. Students in this course will be given an opportunity to experience and further develop their woodworking skills. Students will also be required to assist introductory level students in the lab and classroom setting. Students enrolled in this course must be self-motivated as most work will be in independent study format.

### **\*TECHNICAL EDUCATION IV:**

**Grade 12**

ELECTIVE–1 credit (\*weighted class) –prerequisite/Tech Ed III or permission of instructor

This course is designed for the dedicated student with an interest in manufacturing. Students in this course will be given an opportunity to experience and further develop their woodworking skills. Students will also be required to assist introductory level students in the lab and classroom setting. Students enrolled in this course must be self-motivated as most work will be in independent study format. In addition, this class requires a community involvement activity in which the students must perform a service to the surrounding school district.

### **BUILDING TRADES:**

**Grades 11-12**

ELECTIVE – 2 or 3 credits – prerequisite/Tech Ed I & II or permission of instructor

This is a program designed for junior and senior students that have a desire to obtain the knowledge of residential construction. Fundamental principles of this course include: masonry, carpentry, and finishing. Students will complete these activities while focusing on safety; local, state, and national building codes; project material sizes; cost estimation; blueprint reading. In addition to the home construction, students will obtain the knowledge of preparing for a career in the construction field, job application and interviewing skills, and industry professionalism.

## WHITESIDE AREA VOCATIONAL CENTER

Each class counts as 2.75 credits; you will attend PHS for Periods 1 – 4.

**2010 - 2011**

### **WHITESIDE AREA CAREER CENTER**

#### **Course Descriptions**

**Auto Service I & II** is a one- or two-year program offered to junior and senior students. First year students will be building basic repair skills such as lubrication, brakes, engine tune up, suspension, fuel injection, computer controls, electrical systems, exhaust systems, transmissions and clutches, cooling systems, and heating and air conditioning. Second year students will learn engine rebuilding, transmission rebuilding, differential operation, engine diagnostics, and qualifying students can participate in work-based learning at various job sites in order to gain real world work experiences while going to school. Employment opportunities include quick lube, independent garages, new car and truck dealerships, auto parts counter person, agricultural mechanic, diesel mechanic, and motorcycle-snowmobile-ATV mechanic.

**No dual credit available.**

**Building & Construction Trades** is a one- or two-year program offered to junior and senior students. This course provides experiences related to the construction and maintenance of residential buildings and related fixtures. During the year, students will spend 80% of their time at a job site constructing a residential house and 20% in the classroom. Instruction will include safety principles, framing, plumbing, wiring, roofing, installing insulation, dry wall, painting, pouring concrete, landscaping, estimating materials, blueprint reading, hanging cabinets, siding, hanging doors, heating and air conditioning, masonry, and finish work. Second year students are provided the opportunity to advance their skills in the construction trades.

**6 dual credits with Highland Community College: 3 credits for MTEC 240 and 3 credits for MTEC 245**

**Early Childhood Education** is a one- or two-year program offered to junior and senior students. This class is an introduction to recent trends of early childhood education. The courses include a study of growth and development; early childhood learning theories; types of early childhood programs; teaching methods and procedures; the role of the child care professional; and working with young children with special needs.

This program provides preparation and a practicum for students interested in a variety of educational fields, such as: students will work on a weekly basis with children at our on-site laboratory called, "Kiddies Kampus" Preschool." Second year students will work with a cooperating teacher at a work-base-learning site for three days a week during both semesters of the school year. This work-based learning site could be a daycare center, preschool program, elementary school, or a location specific to a students' career interest. (i.e.: special education, speech teacher, social worker)

**No dual credit available.**

**Culinary Arts** is a one- or two-year program open to juniors and seniors. Students explore Culinary Arts, restaurant management, catering, and have the opportunity to earn the Illinois Food Service Sanitation Managers Certification. Occupational skills taught include care and use of commercial equipment, food preparation, customer service, management, and nutrition. Students in this program will receive weekly hands-on experience in the WACC commercial kitchen and provide food services for the public.

**No dual credit available.**

**Computer Technology** is a one-or-two year program offered to junior and senior students who want to work with the repair and networking of computers. Students entering this program will learn the essentials of repairing, maintaining, and networking of computers for both home and small business environments. The latest methods of networking and configuring operating systems will be used in the class. Second year students will continue with courses exploring Microsoft Workstation Operating Systems, Server Operating Systems, and Linux Distributions. Qualified students will acquire the skills to potentially pass the CompTIA A+, Network+, Linux+, and/or Microsoft Certified Professional Certification.

**Dual credit is pending.**

**Criminal Justice** is a one-year program designed to train students in various aspects of law enforcement, criminal justice, and the legal system. Students will receive instruction in skills needed for careers in associated fields; e.g. police officers, prosecuting and defense attorneys, probation and parole officers, crime scene investigators, correctional officers, etc. Major objectives of the program include: history of law enforcement, constitutional law, Illinois law, courts and the legal system, communication and dispatch operations, report writing and records, criminal investigations, search and seizure, community relations, patrol functions, traffic investigations, corrections, private security operations, criminology, and other related areas. Computers and role play scenarios are used to enhance the student's learning experiences and provide an introduction to practical experiences which might be expected in the field. Community activities will include field trips, internships, and job shadowing experiences. The development of employability and transition skills is included in the course as a basic component of the program.

**No dual credit available.**

**Digital Media Arts** is a one- or two-year program offered to junior and senior students. The classes are for visual and creative thinkers as well as computer geeks interested in cutting edge digital and media arts. The program offers the latest trends, techniques and technologies in the ever-evolving multimedia field. The wide variety of our curriculum provides opportunities to build skills for future success in careers as an illustrator, a desktop publisher, a photographer, a graphic artist, a digital video editor, in video studio staging, a film maker, a computer animator, a sound engineer, a camera operator, a web designer or other positions in the exciting and growing recording, entertainment and digital media arts field.

Students work at their own pace and get “hands-on” experience using state-of-the-art software, sound equipment, cameras, printers and broadcasting equipment in our sound and lighting studios.

All classes begin each fall and spring semester and you will take two classes per semester. All classes are dual-credit classes. You will receive high school and college credit at no cost to the student. Students completing a selection of five classes will receive a Certificate in Graphic Design and students completing an additional three elective classes will receive an Advanced Certificate in Digital Media Arts from Sauk Valley Community College. Students not able to complete the certificates while attending WACC are invited to enroll at Sauk Valley Community College after high school to finish the certificate requirements if they so choose.

**30 dual credits with SVCC: ART 100-Media Arts, ART 103-Digital Photography, ART 105-Motion Graphics, ART 107-Digital Drawing, ART 231-Graphic Design, ART 234-Multimedia, ART 236-Film and Video, ART 237-Image and Sound Recording, ART 238-Interactive Media Design, ART 299-Topics and Issues (3 credits per course = 30 total credits offered).**

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

**9 dual credits with SVCC: 4 credits for NRS 101, 1 credit for NRS 102, 4 credits for NRS 103**

**Health Occupations II** is offered to senior students who have successfully completed the Health Occupations I course, received their CNA certificate, and displayed an outstanding work ethic in Health Occupations I. Partnerships are offered three days per week; students change clinical sites each quarter and classroom/coursework is offered the other two days per week. Clinical sites include, but are not limited to, hospitals, clinics, long-term care facilities, etc. Students can practice in different areas of the medical field, such as Maternal-Child Nursing, Geriatrics, Emergency Nursing, Radiology, Dental Medicine, or Veterinary Science. Make a difference as a health care provider! Students interested in participating in the work-based learning program should see their WACC instructor regarding criteria.

**6 dual credits with SVCC: 3 credits for NRS 116–Medical Terminology and 3 credits for NRS 132–Diet and Nutrition**

**Machine & Manufacturing Technology** is a one- or two-year program offered to junior and senior students. The first year provides skills for entry into machine shop and metal working occupations. Students learn machine skills through the making of tools such as center punch, plumb bob, hammer, parallel bars, vise clamp, gavel, and more. The second year students further refine first year skills while learning advanced techniques and machining processes. Curriculum includes machine grinding techniques, lathe and mill operations, EDM and CNC programming, blueprint reading, and heat treatment.

**3 dual credits with Highland Community College: MTEC 151**

**Welding & Fabrication** is a one- or two-year program offered to junior and senior students. Welding and metal fabrication techniques will be taught through hands-on experience. Topics include various types of welding, machine operations, welding blueprints, and metallurgy principles. The second year will provide the student with the opportunity to obtain advanced training on components of welding and metal fabrication.

**2 dual credits with SVCC: WELD 106**

*Work-Based Learning Programs are offered in many WACC programs. Students interested in participating in the work-based learning program should see their WACC Instructor regarding criteria.*

