

2011 - 2012 Course Description Booklet

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WARREN HIGH SCHOOL
COURSE DESCRIPTION BOOKLET
2011-2012

Introduction:

The purpose of this booklet is to inform students and parents of the scheduling process, and give academic policies, graduation requirements, and course descriptions. You will find most courses in this booklet offered for the 2011-2012 school year.

Each student will be asked to register for the courses he/she wishes to take. A master schedule will be built based on these course requests and available resources. Any student who wishes to take a course that is not offered or who is in conflict with the courses that are offered, will be asked to change their schedule. Every effort will be made to fill all student needs, but it must be realized that some students will have to make alternative choices.

It is very important that students make wise, informed decisions concerning their course of study. Parents, teachers, and the counselor should be consulted during this selection process. The choices you make now may have a major impact on your future career decision. Your final selection for courses will be made this spring. There will be no class changes made without written parental permission and then permission from the principal and guidance counselor.

Weighted Grade Point Average

All high school students will have their grade point averages figured by the method shown below. Classes have been assigned a numerical value of 4 or 5 depending upon the difficulty of the class. The following guidelines are used to determine the weighted level of each class:

- Enriched - Weighted classes
- General - All classes other than weighted classes

The following classes are Enriched:

- | | |
|--------------------------------|----------------------|
| Accounting I | |
| English/Composition (Senior) | Biology |
| Spanish III | Genetics/Zoology |
| Spanish IV | Anatomy & Physiology |
| Algebra II | Physics |
| Geometry | Sociology |
| Trigonometry/Analytic Geometry | Psychology |
| Calculus | |

The weighted factor will be used in determining grade point averages. The following scale indicates the grade values that will be used in figuring the GPA:

	<i>Enriched</i>	<i>General</i>
A	5.0	4.0
B	4.0	3.0
C	3.0	2.0
D	2.0	1.0
F	0	0

Grade point average will be figured by totaling the numerical value of the grade received in each class and dividing by the number of classes taken. The highest GPA to the lowest will determine class rank. **On an average, 10% of the highest ranked students will be considered the Top Students. Students who have earned all A's in their classes and have taken one more than half of the 5 weighted classes will also be considered Top Students.**

WARREN HIGH SCHOOL
GRADUATION REQUIREMENT CHART

<u>REQUIREMENTS</u>	<u>9th Grade</u>	<u>10th Grade</u>	<u>11th Grade</u>	<u>12th Grade</u>	<u>Totals</u>
<u>English</u>	2 Credits	1 Credit	1 Credit	1 Credit	5
<u>Social Studies</u>	1 Credit	1 Credit		½ Credit	2½
<u>Math</u>	1 Credit	1 Credit	½ Credit	½ Credit	3
<u>Science</u>	1 Credit	1 Credit	1 Credit		3
<u>P.E.</u>	1 Credit	1 Credit	1 Credit	1 Credit	5
<u>Health</u>	½ Credit				
<u>Library Science</u>	¼ Credit				
<u>Driver Education</u>	¼ Credit				
<u>Total Possible Credits</u>	8 Credits	8 Credits	8 Credits	8 Credits	32

A student must complete all of the required credits in the areas listed. The Board of Education has approved the following credit requirements for graduation:

Class of 2012	29 Credits
Class of 2013	29 Credits
Class of 2014	29 Credits
Class of 2015	29 Credits

Graduation Requirements

All students will be required to earn a total of 29 credits.

1. 25 credits shall be in academic subjects and 4 credits in physical education to total 29 credits. Students are required to take and pass physical education all four years unless, as a Junior and Senior, they are eligible to waive physical education. Students must earn two credits in physical education prior to their Junior year in order for them to be eligible to waive physical education. A maximum of 4 physical education credits will apply towards graduation.
2. The 25 academic credits must include the following:
 - a. 5 credits in English - Eng. I, II, III, IV or Eng/Comp. (Senior), a semester of Eng/Comp (Freshmen/Sophomore), and a semester of Public Speaking (Freshmen/Sophomore) will be required.
 - b. 2 1/2 credits in Social Studies - U.S. History, a semester of American Civics, and a credit of World History or World Geography during the Freshman or Sophomore year.
 - c. 3 credits in Science - 1 credit required in Earth Science, Sophomores select Conceptual Biology or Biology, Juniors select an elective science.
 - d. 3 credits in Mathematics - 1 credit is required Freshman year and a semester of Consumer Math is required the Senior year, plus additional electives.
 - e. 1/2 credit in Health Education.
 - f. 1/4 credit in Driver Education.
 - g. 1/4 credit in Research/Technical Writing.
 - h. 1 credit selected from either Music, Foreign Language, or Vocational Education.
 - i. 11 1/2 additional credits in elective courses.
3. Prospective graduates must have taken the Prairie State Achievement Examination to be eligible for graduation.

Classification of Students

For the purposes of classifying and identifying students, the following minimum credit guidelines have been established:

0	-	6.75	Academic credits	-	Freshman
7	-	13.75	Academic credits	-	Sophomore
14	-	20.75	Academic credits	-	Junior
21	-	29	Academic credits	-	Senior

Grade classifications, as determined at the beginning of the year, will not change due to credits earned at the conclusion of the first semester.

Correspondence Courses

Students may elect to take correspondence courses in order to make up a credit deficiency or for enrichment purposes. Students who choose courses for enrichment will not be limited in the number of courses taken but selections may not replace courses offered at Warren Jr-Sr High School. Enrichment classes are limited to Junior and Senior year. Students needing to make up credit deficiencies will be allowed to register for a maximum of four (4) 1/2 credit courses. The Guidance Counselor must approve all correspondence courses. Students who elect to take a correspondence course or courses will be responsible for all expenses. Registration for summer school classes at Freeport High School or courses taken at Highland Community College for high school credit will be accepted for credit toward the 2 credit maximum as well.

Alternate Year Courses

Some classes will be offered every other year on an alternating basis so students will need to be sure that they are aware of this and make their plans accordingly. The classes designated with an * will be offered for the 2011-2012 school year. Due to pre-registration demands this sequence could be altered. The classes that will alternate are as follows:

*Textiles and Design I	and	Family and Career Relationships
*Accounting	and	Business Technology Concepts
*Physics	and	Anatomy & Physiology

College Preparatory Curriculum

All colleges vary widely in requirements and admissions procedures. Students should consult the individual college catalogs and talk with their counselor about admission requirements and procedures. Many colleges are increasing or have already increased their admissions requirements. Students will be best served if they have taken the following suggested curriculum, which has been mandated by Public Act 86-0954 for the State of Illinois. Students should consult individual college catalogs for exact requirements.

1. 4 years of English
2. 3 years of Social Studies
3. 3 years of Mathematics (Algebra I, Algebra II, Geometry)
4. 3 years of Science (lab oriented)
5. Two years of a Foreign Language, Music, or Art or Vocational Education.

Class Load

All students must be enrolled in at least seven academic courses plus physical education each semester. Development of the Master Schedule will be based on the seven classes selected. Because the master schedule is determined from this registration, changes must be kept to a minimum to avoid major changes in class size.

Juniors and Seniors who are participating in an extracurricular sport may request to drop P.E. to pick up an additional class. Parental permission will be required.

Drop/Add and Class Withdrawal

Once the Master Schedule is set, schedule changes need to be kept to a minimum. Should a schedule change be necessary, students will have 10 school days (beginning with the first full day of classes) to complete the desired change. Students should be aware that even though a class may be full at the end of the initial registration, room may open up later due to schedule changes; students should check with the counselor on class availability and be put on a dated waiting list. Students may also be removed from a class by teacher request.

Beyond the 10-day limit, students may be withdrawn from a class, however, permission from parents, counselor, and principal will be required. Class withdrawals will be noted on the student permanent record as WP (withdraw passing) and WF (withdraw failing).

Driver Education

House Bill 418 (Public Act 88-188) - Dictates that in order for a public or private school student to be eligible for enrollment in Driver Education, he/she must have received a passing grade in at least 8 courses during the previous 2 semesters. The change also applies to commercial driving schools who must verify with the high school that the student has met this requirement before enrolling him/her in their commercial school. The Act gives the local superintendent of schools (with respect to a student attending public high school in the district) or chief school administrator (with respect to a student attending a non-public high school in the district) the authority to waive this requirement if he/she deems it to be in the best interest of the student.

Early Graduation

It is the general policy of this community that students be encouraged to develop an academic plan to take full advantage of their four-year high school program.

Any student who will have met all the requirements for graduation by the end of the seventh semester may petition the Board of Education requesting approval for early graduation. The request must be submitted to the Board by December 1st. Each request will be heard by the Board of Education and considered on its individual merits.

The student must state his/her reasons for desiring early graduation and outline his/her plans for the ensuing semester. The student's parents, the high school principal, counselor, the superintendent of schools and the Board of Education, must approve the request.

Credit by Articulation

Highland Community College and Warren High School have an articulation agreement that allows for students to by-pass some lower level classes and enroll in the next course in the sequence. Students who are able to take advantage of this would receive a grade and credit for the course that is by-passed. Currently this agreement involves placement in mathematics and English classes. Eligibility is determined as follows:

Math - Students complete Algebra I, Algebra II, Geometry, and Senior Math; HCC placement test score places the student above Math 166 (College Algebra); completion of Math 167 (Plane Trigonometry) or higher with a grade of "C" or better.

English - Students complete 4 years of high school English with a 2.0 GPA or better; completion of Senior year College Prep English with a grade of "B" or better; HCC placement exam results indicate a writing level appropriate to placement in an advanced writing course; completion of English 122 (Rhetoric and Composition II) with a grade of "C" or better.

Business Education

10004A001 Computer Concepts and Software Applications (Elective)

This is an orientation-level course designed to develop awareness and understanding of application software and equipment used by employees to perform tasks in business, marketing, and management. Students will apply problem-solving skills to hands-on, real-life situations using a variety of software applications, such as Word (word processing), PowerPoint (presentation software), Excel (spreadsheets), Access (database management), and FrontPage (desktop publishing). Students will explore topics related to computer concepts, operating systems, telecommunications and emerging technologies. The development of employability skills, as well as transition skills, will be included in the course as well as an understanding of the ethical considerations that arise in using information processing equipment and gaining access to available databases.

12001A001 Business and Technology Concepts (Elective)

This orientation-level course will provide an overview of all aspects of business marketing and management, including the concepts, functions, and skills required for meeting the challenges of operating a business in a global economy. Students will be instructed in the following facets common to all businesses: finance, management, marketing, administration, production, marketing math, business communications and business ethics; as well as business ownership, including entrepreneurship. Emphasis will be placed on the use of the computer and electronic calculators.

Prerequisite - Sophomore standing

12104A001 Accounting I *Enriched* (Elective)

This course assists students pursuing a career in business, marketing, and management. Students learn to plan, summarize, and analyze financial records for business and personal use. This course includes planned learning experiences that develop initial and basic skills used in systematically computing, classifying, recording, verifying and maintaining numerical data involved in financial and product control records including the paying and receiving of money. Computer applications will be integrated throughout the course when applicable. Students will be provided with an understanding of the preparation of budgets and financial reports, operation of related business machines and equipment, and career opportunities in the accounting field.

Prerequisite - Junior standing

English

01001A000 English/Language Arts I (Required)

English/Language Arts I (9th grade) courses build upon students' prior knowledge of grammar, vocabulary, word usage, and the mechanics of writing and usually include the four aspects of language use: reading, writing, speaking, and listening. Typically, these courses introduce and define various genres of literature, with writing exercises often linked to reading selections.

01002A000 English/Language Arts II (Required)

English/Language Arts II (10th grade) courses usually offer a balanced focus on composition and literature. Typically, students learn about the alternate aims and audiences of written compositions by writing persuasive, critical, and creative multi-paragraph essays and compositions. Through the study of various genres of literature, students can improve their reading rate and comprehension and develop the skills to determine the author's intent and theme and to recognize the techniques used by the author to deliver his or her message.

01003A001 English/Language Arts III (Required)

English/Language Arts III (11th grade) courses continue to develop student's writing skills, emphasizing clear, logical writing patterns, word choice, and usage, as students write essays and begin to learn the techniques of writing research papers. Students continue to read works of literature, which often form the backbone of the writing assignments. Literary conventions and stylistic devices may receive greater emphasis than in previous courses. This class will also have an additional focus on ACT and SAT preparation.

01004A001 English/Language Arts IV (Elective)

English/Language Arts IV (12th grade) course blends composition and literature into a cohesive whole as students write critical and comparative analyses of selected literature, continuing to develop their language arts skills. Typically, students primarily write multi-paragraph essays, but they may also write one major research paper.

01102A001 English/Composition (Senior) *Enriched* (Elective)

English/Composition (12th grade) course is designed for college bound seniors to build upon previous writing skills. Reinforcing the logic and critical-thinking skills that accompany good writing, this course –which emphasizes word choice, usage, and writing mechanics- provide continued and advanced instruction in writing for a variety of purposes and audiences. This course emphasizes college or business preparation; literature study is offered as an additional component in which students analyze examples of several genres.

01151A000 Public Speaking (Freshmen/Sophomore) (Required) (Semester Course)

Public Speaking courses enable students, through practice, to develop communication skills that can be used in a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, and so on). Course topics may include (but are not limited to) research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

01101A001 English/Composition (Freshmen/Sophomore) (Required) (Semester Course)

English/Composition course is designed to build upon previous writing skills. This course develops the writing process and practices necessary for producing successful high school composition. Students learn to write persuasive, critical multi-paragraph essays and composition. While emphasizing composition, this course may also incorporate literature study to expose students to illustrate various forms of writing.

01104A001 Creative Writing (Elective)

Creative Writing courses offer students the opportunity to develop and improve their technique and individual style in poetry, short story, drama, essays, and other forms of prose. The emphasis of the course is on writing; however, students may study exemplary representations and authors to obtain a fuller appreciation of the form and the craft. Although most creative writing classes cover several expressive forms, others concentrate exclusively on one particular form (such as poetry or playwriting).

11002A000 Communication Technology (Elective)

Communication Technology courses enable students to effectively communicate ideas and information through experiences dealing with drafting, design, electronic communication, graphic arts, printing process, photography, telecommunications, and computers. Additional topics covered in the course include information storage and retrieval. Drafting equipment may be used to make scale drawings, including multi-view drawing, photographs, and poster mock-ups.

Students will also create the Sports Programs, yearbook, and the school Newsletter.

Foreign Language

06101A001 Spanish I (Elective)

Designed to introduce students to Spanish language and culture, Spanish I courses emphasize basic grammar and syntax, simple vocabulary, and the spoken accent so that students can read, write, speak, and understand the language at a basic level within predictable areas of need, using customary courtesies and conventions. Spanish culture is introduced through the art, literature, customs, and history of Spanish-speaking people. Students will explore likes and dislikes, personality characteristics, sports and leisure activities, school supplies/subjects, time-telling, food and drinks, common expressions, and family.

06102A001 Spanish II (Elective)

Spanish II courses build upon skills developed in Spanish I, extending students' ability to understand and express themselves in Spanish and increasing their vocabulary. Typically, students learn how to engage in discourse for informative or social purposes, write expressions or passages that show understanding of sentence construction and the rules of grammar, and comprehend the language when spoken slowly. Students usually explore the customs, history, and art forms of Spanish-speaking people to deepen their understanding of the culture(s).

06103A001 Spanish III *Enriched* (Elective)

Spanish III courses focus on having students express increasingly complex concepts both verbally and in writing while showing some spontaneity. Comprehension goals for students may include attaining more facility and faster understanding when listening to the language spoken at normal rates, being able to paraphrase or summarize written passages, and conversing easily within limited situations.

06104A000 Spanish IV *Enriched* (Elective)

Spanish IV courses focus on advancing students' skills and abilities to read, write, speak, and understand the Spanish language so that they can maintain simple conversations with sufficient vocabulary and an acceptable accent, have sufficient comprehension to understand speech spoken at a normal pace, read uncomplicated but authentic prose, and write narratives that indicate a good understanding of grammar and a strong vocabulary.

Family and Consumer Sciences

22201A001 Introduction to Family and Consumer Sciences Careers (Elective)

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

22202A01 Food and Nutrition (Elective)

This course provides students with an understanding of food's role in society, instruction in food preservation, training in how to plan and prepare meals, lab experience in the proper use of equipment and utensils, and background on the nutritional needs and requirements for healthy living. Baking and pastry arts will also be incorporated into the class.

Prerequisite - Sophomore standing

19201A001 Textiles and Design I (Elective)

This course is designed to provide basic knowledge and understanding of the design, development, and production of textile products. Through hands-on and project based learning experiences, students will discover fiber characteristics, fabric construction methods, elements of science and design in textiles and apparel, and basic construction skills used in interior furnishings and apparel industries. An awareness and investigation of careers and industry trends in textiles will also be emphasized.

Prerequisite - Sophomore standing

22207A001 Family and Career Relationships (Elective)

This course is designed to focus on the knowledge, attitudes, and behaviors needed to participate in positive, caring, and respectful relationships in the family, community, and workplace. The course is project-based and uses communication, leadership and management methods to develop knowledge and behaviors necessary for individuals to become independent, contributing, and responsible participants in family, community, and career settings. Emphasis is placed on the development of techniques and strategies to assist individuals in responding to situations presented in family relationships and the workplace. The course content includes: career exploration, managing responsibilities, satisfactions and stresses of work and family life; roles and responsibilities of living independently and as a family member; demonstrating goal-setting and decision-making skills; identifying and utilizing community resources, and developing effective relationships. A concentrated study in the development and care of the child from conception through adolescence with laboratory experience will also be included.

Prerequisite - Junior standing

22203A000 Food Science (Elective)

Food Science courses offer opportunities to study the composition, structure, and properties of foods and the chemical changes that occur during the processing, storage, preparation, and consumption of food. These courses often explore the effects of various materials, micro-organisms, and processes on food products through laboratory experiments.

Industrial Occupations

21052A002 Introduction to Technology and Engineering (Industrial) (Elective)

Introduction to Technology & Engineering is comprised of the following areas: Production, Transportation, Communication, Energy Utilization and Engineering Design but is not limited to these areas only. This course will cover the resources, technical processes, industrial applications, technological impact and occupations encompassed by that system.

13052A001 Production Technology (Elective)

Production Technology is a course designed to foster an awareness and understanding of manufacturing and construction technology. Through a variety of learning activities, students are exposed to many career opportunities in the production field. Experiences in manufacturing include product design, materials and processes, tools and equipment including computers, safety procedures, corporate structure, management, research and development, production planning, mass production, marketing and servicing. In construction, students are exposed to site preparation, foundations, building structures, installing utilities, and finishing and servicing structures.

Prerequisite - Introduction to Technology and Engineering

17007A001 Cabinetmaking & Millwork I (Elective)

This course introduces students to the basic design and fabrication of residential cabinetry and custom furniture. The course also exposes students to the millwork and millwright industry. Instruction includes safety practices in using hand tools and power equipment.

Prerequisite - Introduction to Technology and Engineering

17007A002 Cabinetmaking & Millwork II (Elective)

This course provides learning experiences related to the erection, installation, and maintenance of commercial and residential cabinetry, and the repair and maintenance of stationary woodworking machinery. Planned learning activities emphasize the development of more advanced knowledge and skills than those provided in Cabinetmaking and Millwork I. This course provides the student with the knowledge and skills necessary to perform basic cabinetry construction and how it relates to the manufacturing process. In addition, more advanced woodworking machine maintenance skills are introduced.

Prerequisite - Introduction to Technology and Engineering

20110A001 Small Engine Repair I (Elective) (Semester Course)

Small engine repair is an instructional program that prepares individuals to troubleshoot, service, and repair a variety of small internal-combustion engines, involving both two and four cycle engines used on portable power equipment. Planned activities will allow students to become knowledgeable of fundamental principles and technical skills related to troubleshooting, repairing, identifying parts and making precision measurements. Safety will be a key component of this class. Students will also be exposed to career opportunities related to small engines.

Prerequisite - Introduction to Technology and Engineering

13207A001 Welding Technology I (Elective) (Semester Course)

This course assists students in gaining the knowledge and developing the basic skills needed to be successful in welding technology. Units of instruction include arc, TIG and MIG welding, metallurgy, cutting metal using arc, plasma, and oxy-gas. In addition, students learn the basics of blueprint reading, precision measuring, layout, and production process planning.

Prerequisite - Introduction to Technology and Engineering

17009A001 Building Maintenance I (Elective)

This course includes learning experiences and skills in servicing building systems, repair and maintenance of machinery, maintaining plumbing systems, minor electrical repairs, essential heating ventilation and air conditioning system maintenance, painting, and basic carpentry. These experiences provide students the opportunity to become knowledgeable in a variety of practices and skills associated with all trades necessary to maintain a building's daily operations that are repair-related. The Building Maintenance I course provides instruction and hands-on activities including the use of test equipment and tools, hand tools, basic electricity, carpentry and masonry skills.

Prerequisite - Introduction to Technology and Engineering

Mathematics

02001A001 Informal Mathematics Remedial (Elective)

Informal Mathematics courses emphasize the teaching of mathematics as problem solving, communication, and reasoning, and highlight the connections among mathematical topics and between mathematics and other disciplines. These courses approach the teaching of general math, pre-algebra and pre-geometry topics by applying numbers, and algebraic and geometric concepts and relationships to real world problems.

02051A001 Pre-Algebra (Elective)

Pre-Algebra courses increase students' foundational math skills and prepare them for Algebra I by covering a variety of topics, such as properties of rational numbers (i.e., number theory), ratio, proportion, estimation, exponents and radicals, the rectangular coordinate system, sets and logic, formulas, and solving first degree equations and inequalities.

02052A001 Algebra I (Elective)

Algebra I courses include the study of properties and operations of the real number system; evaluating rational algebraic expressions; solving and graphing first degree equations and inequalities; translating word problems into equations; operations with and factoring of polynomials; and solving simple quadratic equations.

02056A001 Algebra II Enriched (Elective)

Algebra II course topics typically include field properties and theorems; set theory; operations with rational and irrational expressions; factoring of rational expressions; in-depth study of linear equations and inequalities; quadratic equations; solving systems of linear and quadratic equations; graphing of constant, linear, and quadratic equations; properties of higher degree equations; and operations with rational and irrational exponents.

02072A001 Geometry Enriched (Elective)

Geometry courses, emphasizing an abstract, formal approach to the study of geometry, typically includes topics such as properties of plane and solid figures; deductive methods of reasoning and use of logic; geometry as an axiomatic system including the study of postulates, theorems, and formal proofs; concepts of congruence, similarity, parallelism, perpendicularity, and proportion; and rules of angle measurement in triangles.

02107A001 Trigonometry/Analytic Geometry Enriched (Elective)

Covering topics of both Trigonometry and Analytic Geometry, these courses prepare students for eventual work in Calculus. Topics typically include the study of right trigonometric and circular functions, inverses, and graphs; trigonometric identities and equations; solutions of right and oblique triangles; complex numbers; numerical tables; vectors; the polar coordinate system; equations and graphs of conic sections; rotations and transformations; and parametric equations.

02121A001 Calculus (Elective)

Calculus course includes the study of derivatives, differentiation, integration, the definite and indefinite integral, and applications of calculus. Typically, students have previously attained knowledge of pre-calculus topics (some combination of trigonometry, elementary functions, analytic geometry, and math analysis).

02157A001 Consumer Math (Required) (Semester Course)

Consumer Math courses reinforce general math topics (such as arithmetic using rational numbers, measurement, ratio and proportion, and basic statistics) and apply these skills to consumer problems and situations. Applications typically include budgeting, taxation, credit, banking services, insurance, buying and selling products and services, home and/or car ownership and rental, managing personal income, and investment.

Prerequisite - Senior Standing

Music Education

05101A001 General Band (Elective)

Band is designed to promote students' technique for playing brass, woodwind and percussion instruments and cover a variety of nonspecified band literature styles (concert, marching, pep and modern styles).

Prerequisite - Previous instrumental music instruction

05110A001 Chorus (Elective)

Chorus provides the opportunity to sing a variety of choral literature men's and/or women's voices and are designed to develop vocal techniques and the ability to sing parts.

05147A001 Music - Independent Study (Elective)

Music - Independent Study serves as an opportunity for a student to expand their expertise and explore topics in greater depth and develop more advanced skills in music.

9-12 PHYSICAL EDUCATION

Blue Ribbon Program Award Winner for Curriculum 2007-2010

P.E. Leadership Program

Students may apply for this after their Freshman year. Students enrolled in the Leadership program assist the Physical Education teacher by leading warm-up activities, helping individuals and small groups of students acquire specific skills, officiating game play, setting up and taking down equipment, and aiding the teacher with simple organizational tasks. The purpose of this program is to enhance leadership skills, initiative, responsibility, and resourcefulness while also developing a spirit of volunteerism. Student P.E. Leaders will be expected to:

- Dress and participate in warm-ups.
- Students will create a Bulletin Board once each semester.
- Students will teach a class according to their expertise.
- Quarterly reflective paper will be required.

Students will be evaluated by a rubric at the end of each quarter.

08001A001 Physical Education (Elective)

Physical Education courses provide students with knowledge, experience, and an opportunity to develop skills in more than one of the following sports or activities: team sports, individual/dual sports, recreational sports, and fitness/conditioning activities.

Mission Statement: Physical Education will provide an individualized, developmentally appropriate, and personally challenging instructional program that will advance the knowledge, confidence, skills and motivation needed to engage in a lifelong, healthy, active lifestyle.

REQUIRED: All students will be participating in the 'Warren PE Fitness Assessment' each fall & spring. All blocks begin with Fitness Plan Warm-ups which are jogging, plyometrics, push-ups and pull-ups. Students will be expected to improve jogging time in preparation for the Pacer/Mile Run. Two 'no-dresses' or two 'no-participations' in a nine-week period result in failure for the quarter. Four of either result in semester failure. The only excused absence from PE is in written form from a doctor that gives specific dates and restrictions. If your son/daughter is to have limited physical education due to injury or illness, doctor or parent must fill out the 'Limited Participation Form'. Classes are team taught covering the units of Muscular Strength and Endurance, Flexibility, Body Composition, Nutrition, Cardiovascular Endurance, and all Physical Fitness Components. The curriculum includes a wide range of activities and sports. Each unit teaches basic rules history, skills, Physical Fitness, and Lifetime activities. **The Bigger, Faster, Stronger Weight Conditioning Program is required in the Fitness Center for every student.** Grading criteria are effort, sportsmanship, participation, skill and written testing, Quarterly Writing/Reading Assignments, and journals.

08009A000 Weight Training (Elective)

Weight Training courses help students develop knowledge and skills with free weights and universal stations while emphasizing safety and proper body positioning; they may include other components such as anatomy and conditioning. **The Bigger, Faster, Stronger Weight Conditioning Program and all Outdoor Ed is required in the Fitness Center for each student in Strength Training.** All students will participate in the seven components of this class. They are: Flexibility, Weight Lifting, Speed, Agility, Plyometrics, Core Training, and Nutritional Composition. Students will identify Isometric, Isotonic, and Isokinetic types of training. They will be able to perform muscular strength intensity variations according to their own fitness levels. It is divided into STI, STII, STIII & IV. First year students will be required to complete a Six-Lesson program all-inclusive. Second year students will study six units from the "Fitness and Health" text including Benefits of Aerobic Fitness, Understanding Muscular Fitness, Benefits of Muscular Fitness, Improving Your Muscular Fitness, Nutrition and Health, Performance in Sport. Third and fourth year students will design their own programs and incorporate the HEAVY, MEDIUM-HEAVY, and LIGHT days programs. These students will also study the articles from the Shapefit Curriculum on a regular basis. Leadership and mentoring is expected from these students. They will be graded on a Performance Assessment. This is an assessment in which students will demonstrate their lifting routine that they have created. Students will also be asked to perform and teach techniques to younger students. Students will discover the value of good habits, personal discipline, and hard work.

Drivers Education, Health, Research/Technical Writing

08151A001 Driver Education – Classroom and Laboratory (Required) (Quarter Course)

Driver Education – Classroom and Laboratory course provide students with the knowledge and experience to become safe drivers on America's roadways. Topics in this course cover legal obligations and responsibility, rules of the road and traffic procedures, safe driving strategies and practices, and the physical and mental factors affecting the driver's capability. Experience in driving a vehicle is an essential component of this course.

08051A001 Health Education (Required) (Semester Course)

Topics covered within Health Education courses may vary widely, but typically include personal health (nutrition, mental health and stress management, drug/alcohol abuse prevention including over the counter/prescription drugs as well as steroids, disease prevention, abstinence/STD prevention, and first aid) and consumer health issues. The course may also include brief studies of environmental health, personal development, and/or community resources. The class will also cover the Safe Haven Law, which is required in all Illinois Schools. Current Health issues will also be discussed regularly.

01105A000 Research/Technical Writing (Required) (Quarter Course)

Research/Technical Writing class prepare students to write research papers and/or technical reports. This classes emphasizes researching (primary and secondary sources), organizing (material, thoughts, and arguments), and writing in a persuasive or technical style.

Research/Technical Writing will have an emphasis on researching web sites, focusing on evaluating web sites, learning the Dewey Classification System, using OPAC (online public automation circulation) system. Using OPAC, students will locate material in the library. This class will also emphasize students discussing fiction and nonfiction books. Students will learn parts of the books and the different genres, as well as become familiar with reference material. Students will also become familiar with using First Search, Boolean Search, and discovering new search engines. Students will learn to evaluate web sites, determine the value of the web sites. Students will learn to cite books, web sites, magazines and articles. Major assignments will be a vocabulary test, evaluation web site, and a cite work sheet. A final quarter exam will encompass all the skills employed during the previous weeks.

Science

03001A001 Earth Science (Required)

Earth Science offers insight into the environment on earth and space. While presenting the concepts and principles essential to students' understanding of the dynamics and history of the earth, this course usually explores oceanology, geology, astronomy, meteorology, geography, and general chemistry.

03062A001 Conceptual Biology (Elective)

These courses provide students with a basic understanding of living things. Topics covered may include ecology and environmental problems such as overpopulation and pollution as well as cells, types of organisms, evolutionary behavior, taxonomy, plant physiology, and inheritance.

Prerequisite - Sophomore standing and Earth Science

03051A001 Biology Enriched (Elective)

Biology courses are designed to provide information regarding the fundamental concepts of life and life processes. These courses include (but are not restricted to) such topics as cell structure and function, general plant and animal physiology, genetics, and taxonomy.

Prerequisite - Sophomore standing and Earth Science

03059A001 Genetics Enriched (Elective) (First Semester Course)

Genetics courses provide students with an understanding of general concepts concerning genes, heredity, and variation of organisms. Course topics typically include chromosomes, the structure of DNA and RNA molecules and dominant and recessive inheritance and may also include lethal alleles, epistasis and hypostasis, and polygenic inheritance.

Prerequisite - Biology with a C Average

03061A001 Zoology Enriched (Elective) (Second Semester Course)

Zoology courses provide students with an understanding of animals, the niche they occupy in their environment or habitat, their life cycles, and their evolutionary relationships to other organisms. These courses should also help students develop an awareness and understanding of biotic communities.

Prerequisite - Biology with a C Average

03105A001 Conceptual Chemistry (Elective)

Conceptual Chemistry courses are practical, nonquantitative chemistry courses designed for students who desire an understanding of chemical concepts and applications.

Prerequisite - Sophomore standing and Earth Science

03101A001 Chemistry Enriched (Elective)

Chemistry courses involve studying the composition, properties, and reactions of substances. These courses typically explore such concepts as the behaviors of solids, liquids, and gases; acid/base and oxidation/reduction reactions; and atomic structure. Chemical formulas and equations, nuclear reactions, and hydrocarbons are also studied.

Prerequisite - Sophomore standing and Earth Science

03053A001 Anatomy & Physiology *Enriched* (Elective)

Taken after a comprehensive initial study of biology, Anatomy and Physiology presents the human body and biological systems in more detail. In order to understand the structure of the human body and its functions, students learn anatomical terminology, study cells and tissues, explore functional systems, (skeletal, muscular, circulatory, respiratory, digestive, reproductive, nervous, and so on) and may dissect mammals.

Prerequisite - Biology with a C average

03151A001 Physics *Enriched* (Elective)

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

Prerequisite - Junior standing

22203A000 Food Science (Elective)

Food Science courses offer opportunities to study the composition, structure, and properties of foods and the chemical changes that occur during the processing, storage, preparation, and consumption of food. These courses often explore the effects of various materials, micro-organisms, and processes on food products through laboratory experiments.

Social Science

04001A001 World Geography (Elective)

World Geography provides students with an overview of world geography, but may vary widely in the topics they cover. Topics covered include: the physical environment; the political landscape; the relationships between people and the land; economic production and development; and the movement of people, goods, and ideas.

04051A001 World History (Elective)

World History provides students with an overview of the history of human society from early civilization to the contemporary period, examining political, economic, social, religious, military, scientific and cultural developments. This includes some broad discussion over the importance of geography in history.

04101A001 United States History – Comprehensive (Required)

U.S. History provides students with an overview of the history of the United States examining time periods from Colonialism through World War II. This course includes an overview of political, military, scientific, and social developments.

Prerequisites - World History or World Geography and Sophomore standing

04161A001 Civics (Required) (Semester Course)

Civics examines the general structure and functions of American systems of government, the roles and responsibilities of citizens to participate in the political process, and the relationship of the individual to the law and legal system. This course also takes a detailed look at the U.S. Constitution and the Illinois Constitution.

Prerequisites - Senior standing

04162A001 Law Studies (Elective)

Law Studies examines the history and philosophy of law as part of the U.S. society and includes the study of the major substantive areas of both criminal and civil law, such as constitutional rights, torts, contracts, property, criminal law, family law, and equity. The course emphasizes the study of law but also incorporates elements of the legal system.

Prerequisites - Sophomore standing

04258A001 Sociology *Enriched* (Elective)

Sociology introduces students to the study of human behavior in society. It provides an overview of sociology, generally including (but not limited to) topics such as social institutions and norms, socialization and social change, and the relationships among individuals and groups in society.

Prerequisites - Sophomore standing

04254A001 Psychology *Enriched* (Elective)

Psychology introduces students to the study of individual human behavior. Course content includes an overview of the field of psychology, topics in human growth and development, personality and behavior, and abnormal psychology.

Prerequisites - Junior/Senior standing

04106A001 Contemporary U.S. Issues (Elective) (First Semester Course)

Contemporary U.S. Issues studies the political, economic and social issues facing the United States with or without an emphasis on state and local issues. This course will focus on current issues or selected issues that span throughout the 20th century to present.

Prerequisites - Sophomore standing

04105A001 State Specific Studies (Elective) (Second Semester Course)

State-Specific Studies examines the history, politics, economics, society, and/or cultures of Illinois. This class takes a look at the history of Illinois and may include contemporary issues affecting it during a given semester.

Prerequisites - Sophomore standing

04064A001 Contemporary World Issues (Elective) (First Semester Course)

Contemporary World Issues enables students to study political, economics, and social issues facing the world. This course may focus on current issues, examine selected issues throughout the 20th Century, and look at historical causes or possible solutions.

Prerequisites - Sophomore standing

04153A001 Political Science (Elective) (Second Semester Course)

Political Science approaches the study of politics from a theoretical perspective, including an examination of the role of government and the nature of political behavior, political power, and political action.

Prerequisites - Sophomore standing

AVC Attendance Criteria

Attendance at the Jo Daviess-Carroll Area Vocational Center should be considered only after careful planning and not just on a whim! Students should plan for their future careers and make every possible effort to prepare themselves to the best of their ability. To assist students in this direction, the following criteria has been established:

AVC COURSE

PREREQUISITES-taken at Warren H.S.

Auto Body	Introduction to Technology and Engineering
Automotive Technician	Introduction to Technology and Engineering
Care & Learning Services	Introduction to Family and Consumer Sciences Careers
Computer Networking	Computer Concepts & Software Applications
Construction Trades	Introduction to Technology and Engineering
Culinary Occupations	Introduction to Family and Consumer Science Careers
Health Occupations	Biology

Students must have earned at least a **"C" average as well as maintain a "C" or better each semester in their AVC class.** Students who earn less than a "C" at the AVC will be rescheduled into classes at Warren High School if suitable classes can be arranged. If suitable classes are not available, students will be allowed to maintain their AVC schedule but will be placed on academic probation.

Seniors must have earned at least 21 total credits in order to register for an AVC class. Students "at risk" for graduation may be denied attendance at the AVC.

Registering Procedure

- Step 1: Eligible students may register for the AVC with the Guidance Counselor.
- Step 2: If a student is denied acceptance to the AVC he/she may appeal to a committee consisting of the Guidance Counselor, Principal, and Superintendent.
- Step 3: If the student is still denied acceptance he/she may appeal further to the full Board of Education at the next regular board meeting.

COURSES AVAILABLE AT AREA VOCATIONAL CENTER

20116A001 Auto Body I

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

20116A002 Auto Body II

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

20104A001 Automotive Technician I

This course introduces students to the basic skills needed to inspect, maintain, and repair automobiles and light trucks that run on gasoline, electricity, or alternative fuels. Instructional units include engine performance, automotive electrical system, integrated computer systems, lubrication, exhaust and emission control, steering and suspension, fuel systems, cooling system, braking and power train.

20104A002 Automotive Technician II

This course is a continuation of and builds on the skills and concepts introduced in Automotive Technician I. This course includes instructional units in alternative fuel systems, computerized diagnostics, new vehicle servicing, automotive heating and air conditioning, transmissions, testing and diagnostics, drive train and overall automotive performance.

19055A001 Care and Learning Services Management (AVC Child Care – Year I)

This course emphasizes the skills associated with the administration of the infant, child and adult care facilities and education centers. Skills, strategies and issues related to caring for infants and special needs children and adults, where applicable, are included. Emphasis is placed on career opportunities, communication skills, human relations and the service needs of clients in the occupational area. The major learning experiences will involve actual work with children and/or adults in facilities simulating those found in the workplace/industry, and discussion of the situations and problems that arise during the learning experiences. State licensing and certification requirements and regulations related to all aspects of care and education are stressed throughout the course. Careers in the occupational area will be investigated, including entrepreneurship.

19054A001 Care and Learning Services Occupations (AVC Child Care – Year 2)

This course provides students with information and practical experiences needed for the development of competencies related to child/adult care, daycare, and other educational services occupations. Laboratory experiences, either in a school-based or worksite

learning facility, are included throughout the class. Students meet standards in developing programs and assisting with childrens' and/or adults' activities. Classroom study includes the philosophy and management of care centers and the state and local regulations governing caregiving operations. The learning experiences will involve working with children/adults simulating those found in business and industry, as well as preparation for developing and facilitating these activities. Child Development Association Credential available.

10102A001 Computer Networking I

Computer Networking I is a skill-level course designed to provide students with the skills needed to set up, configure, test, troubleshoot, maintain, and administer a data network using various network operating systems such as Novell, Windows, and Linux. Instruction will include network planning decisions, such as choosing an appropriate network configuration, determining the performance level requirements considering the differences among operating systems, and recommending network interface cards and cabling. Students will also learn how to set up and manage file systems and resources, network topologies, protocols, and system utilities to efficiently run software applications on a network. Students will learn to use basic operating system commands, install and configure networks, set up user accounts and rights, and establish user security and permissions. Certification offered through Labsim in A+ Essentials, A+ Technician courseware.

10102A002 Computer Networking II

Computer Networking II is a skill-level course for students who have completed Computer Networking I. Students will continue to learn skills to set up, configure, test, troubleshoot, maintain, and administer a data network using various network operating systems such as Novell, Windows, and Linux. Students will learn to use troubleshooting services, system monitoring utilities, and data backup and recovery systems. Instruction will include setting up and configuring various network services such as TCP/IP, DHCP, DNS, VPN, terminal services, e-mail, content filtering, and web services. Students will learn techniques to secure and protect network servers and data. Students will be introduced to some basic concepts regarding web server configuration. Students will also learn to use standard software tools to determine system vulnerabilities and correct these vulnerabilities by reconfiguring the operating system. Students will diagnose network problems using public domain network sniffers such as Ethereal. Instruction will include setting up and configuring a firewall, intrusion detection system, and encryption software for identifying and preventing potential network attacks. Certification offered through Labsim in Security +A Network + Courseware.

17002A001 Construction Trades I

This course provides experiences related to the erection, installation, and maintenance of residential buildings and related fixtures. Planned learning activities allow students to understand fundamental principles and methods, and develop technical skills related to masonry, carpentry, and finish work. Instruction includes safety principles and practices, recognition of standard lumber sizes, foundation layout methods, building concepts and procedures, local, state, and national codes, cost estimating, and blueprint reading.

17002A002 Construction Trades II

This course provides learning experiences related to the erection, installation, maintenance, and repair of building structures and related utilities. Student technical skill experiences include instruction and activities in safety principles and practices, performing maintenance control functions, joining pipes, building water distribution lines and drains, installing and maintaining plumbing fixtures and systems, installing switch and outlet boxes, light fixtures, and service entrances, roughing in and trimming out electrical devices and appliances, preparing foundations and footings, constructing residential chimneys and fireplaces, laying, jointing, and pointing brick, and advanced building and construction methods and codes. All learning experiences are designed to allow the student to acquire job-entry skills and knowledge.

16052A001 Culinary Occupations I

This course provides terminology, culinary math, and practical experiences needed for the development of culinary competencies and workplace skills. Safety and sanitation instruction and classroom application will prepare students for an industry recognized sanitation exam. Classroom experiences will develop skills to work in the front of the house, back of the house, and work stations. Additional content may include: event planning, customer service and relations, food service styles, baking and pastry arts, hors d'oeuvres, and breakfast cookery. Students will be provided opportunity training experiences on commercial equipment. Students participate in competition through the ProStart Program and SKILLS USA.

16055A001 Culinary Occupations II

Culinary Occupations II places special emphasis for students to develop operational management skills including design and organization of food service systems in a variety of settings, human relations, and personnel training and supervision. Additional topics include: food cost accounting; taking inventory; advertising; monitoring consumer and industry trends; and individualized mastery of culinary techniques. Training experiences involve equipment and facilities simulating those found in business and industry. Sustainability studies – balancing environmental, economic and social considerations throughout the food industry.

11155A001 Commercial & Advertising Art I

This course is designed to provide students with the skills needed for a career in the fields of advertising, commercial art, graphic design, web site development, and graphic illustrator. Students learn to apply artistic design and layout principles along with text, graphics, drawing, rendering, sounds video, and 2D/3D animation integration to develop various print, video, and digital products. Students use hardware and software programs to create, manipulate, color, paint, and layer scanned images, computer graphics, and original artwork. Students use hard hardware and software to capture, edit, create, and compress audio and video clips. Students use animation and 2D/3D hardware and software to create animated text, graphics, and images. Students apply artistic techniques to design and create advertisements, displays, publications, technical illustrations, marketing brochures, logos, trademarks, packaging, video graphics, and computer-generated media.

11155A002 Commercial & Advertising Art II

This course continues to build on the concepts and skills introduced in Commercial and Advertising Art I. In addition to expanding on the activities explored in Commercial and Advertising Art I, students work in a project-based environment to create a variety of interactive online and CD/DVD based products such as web sites, catalogs, publications, marketing materials, presentations, and educational/training programs. Students create dynamic web pages and sites using HTML, HTML editors, and graphic editors. Students create graphic sketches, designs, and copy layouts from online content. Instruction includes how to determine size and arrangements of illustrative material and copy, select style and size of type, and arrange layout based upon available space. Students learn how to capture and edit images, sound and video, and combine them with text and animation. Instruction includes client interviewing skills, product proposal development, and production presentation techniques. Students also learn how to create a product portfolio.

11154A001 Graphic Communications I

Graphic Communications I provides learning experiences common to all graphic communications occupations. Instruction should include use of color, balance and proportion in design; three-dimensional visualization; sketching; design procedures; layout; selection of type styles; selection of appropriate drawing tools and media; and the use of the computer as a communication tool. Planned learning activities will allow students to become knowledgeable of fundamental principles and methods and to develop technical skills related to the graphic arts industry.

Students develop basic digital photography skills and how to use photography editing software. Students create a digital portfolio of all work. Students learn to write a professional resume and artist statement.

11154A002 Graphic Communications II

Graphic Communications II provides learning experiences related to the tool, materials, processes and practices utilized in the printing industry. Instruction is provided in industrial safety; stencil preparation and duplicating equipment operations; screen printing preparation and printing; machine typesetting; ink and color preparation; assembly, binding, and trimming operations; layout, digital paste up and copy color preparation. In addition the course provides the students with learning experience in the use of cameras and photographic equipment, development and processing of photographic negatives and prints, negative stripping and related platemaking procedures, photocomposition, photoengraving, lithography, and offset presswork. Use of computer in graphic arts occupations should be emphasized.

Students create a digital portfolio of all work. Students learn to write a professional resume, artist statement and learn interview skills.

14002A001 Health Occupations Related Skills (AVC Health Occupations I – First Semester)

This course provides students with a core of knowledge to the health care industry and helps refine their healthcare-related knowledge and skills. This core of knowledge will develop the student's cognitive and affective skills in formulating a strong foundation for entry-level skill development. Topics covered usually include an overview of health care delivery; patient care, including assessment of vital signs, body mechanics, and diet; anatomy and physiology; identification and use of medical equipment and supplies; medical terminology; hygiene and disease prevention; first aid and CPR procedures; and ethical and legal responsibilities.

14051A001 Nursing Assistant(AVC Health Occupations I – Second Semester)

The student learns those competencies needed to perform as a nurse assistant under the direction of the registered nurse. The units of instruction should include the role of the nurse assistant while covering general health care topics; medical terminology; patients/clients and their environment; special feeding techniques; psychological support in long term and terminal illness, death and dying and all other basic nursing skills. Topics covered typically include normal growth and development; feeding, transporting patients, hygiene, and disease prevention; basic pharmacology; first aid and CPR; observing and reporting; care of equipment and supplies; doctor, nurse, and patient relationships and roles; procedure policies; medical and professional ethics; and care of various kinds of patients. Students will learn medical secretarial techniques, job seeking and workplace skills and explore health occupations available in the workforce today. In order to have an approved nurse assistant program (one in which the students are eligible to sit for the certifying exam) the program must be approved by the Illinois Department of Public Health.

14154A001 Medical Terminology

Students learn how to identify medical terms by analyzing their components. These courses emphasize defining medical prefixes, root words, suffixes, and abbreviations. It provides an emphasis on word analysis, construction, definition, pronunciation, and spelling of medical terms. The primary focus is on developing both oral and written skills in the language used to communicate within health care professions.

14055A001 Emergency Medical Technician

Emergency Medical Technology courses place a special emphasis on the knowledge and skills needed in medical emergencies. Topics typically include clearing airway obstructions, controlling bleeding, bandaging, methods for lifting and transporting injured persons, simple spinal immobilization, infection control, stabilizing fractures, and responding to cardiac arrest. The courses may also cover the legal and ethical responsibilities involved in dealing with medical emergencies. The course provides a sequence of organized learning experiences and skills to prepare a person to recognize the signs and symptoms of illness and injury; to begin the approved and appropriate life-support procedures, such as cardiopulmonary resuscitation (CPR); to operate emergency vehicles and communications equipment as patients/clients are moved to a hospital or emergency room; and to fill out the required records and reports after a call. This course should include identified skills to prepare the student for working in the emergency medical arena.

14998A001 Health Occupations Cooperative Education

The course provides students with work experience in the Health Care Industry. This course is designed for students interested in pursuing careers in Health Occupations. Students are released from school for their paid cooperative education work experience and participate in 200 minutes per week of related classroom instruction. Classroom instruction focuses on providing students with job survival skills, career exploration skills related to the job, and improving students' abilities to interact positively with others. For skills related to the job, refer to industry standards of the desired career. Goals are typically set cooperatively by the student, teacher, and employer (although students are not necessarily paid). These courses may include classroom activities as well, involving further study of the field or discussion regarding experiences that students encounter in the workplace.

15051A003 Law Enforcement I

This course is designed to prepare students to enter the fields of law enforcement and the criminal justice system. Instruction includes the history of law enforcement and the legal system, report writing and recordkeeping, criminal investigation techniques, and routine police procedures. Students learn how to use communications and dispatch equipment, perform proper search and seizure techniques, conduct basic criminal investigations, and execute correct pursuit and arrest procedures. Instruction also includes patrolling techniques, private security operations, traffic investigations, and community relations.

15051A004 Law Enforcement II

This course provides experiences for students in basic investigative techniques for crimes against people and property. Learning activities emphasize the development of more advanced knowledge and skill than those provided in Law Enforcement I. Units of instruction include how to conduct a preliminary investigation and protect a crime scene, collect and preserve physical evidence including dusting latent prints, casting, fingerprint classification, and the use of portable crime laboratory equipment. Students learn how to conduct interviews, complete police reports, use police equipment, and testify in court. Instruction also includes traffic control, personal security, and law enforcement administration.