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Requirements for High School Graduation: 22 credits

Class of 2010 & 2011		Class of 2012 & 2013	
Credits	Requirements	Credits	Requirements
3	English	4	English
3	Math	3	Math
2	Science	2	Science
½	Elective Social Studies	½	Elective Social Studies
1	United States History	1	United States History
½	Government *	½	Government *
½	Consumer Education/Resource Mgt.	½	Consumer Ed/Resource Mgt.
½	Health	½	Health
½	Driver Ed or another ½ Credit of PE	½	Driver Ed or another ½ Credit of PE
3	Physical Education **	3	Physical Education **
1	Business, Technology & The Arts Or WACC or Foreign Language	1	Business, Technology & The Arts or WACC or Foreign Language
6 ½	Electives	5 ½	Electives

* A passing grade In Government requires passing the Constitution Test.

** Unless doctor's statement of disability or approved exemption form is filed.

Note: College preparation requires 4 years of English, 3 years of Math (through Algebra 2), 3 years of Science, 3 years of Social Studies, 2 years of either Foreign Language, Fine Arts or Vocational.

GRADING SYSTEM (Based on a 4-point scale)

	Point Value	Weighted Point Value
A = Superior	4	5
B = Above Average	3	4
C = Average	2	3
D = Below Average	1	1
F = Failing	0	0
WP = Withdrawal Passing	0	0
WF = Withdrawal Failing		
P = Pass		
I = Incomplete		

BUSINESS, TECHNOLOGY, AND THE ARTS

Title: 3D STUDIO 1 (Ceramics)

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: An introductory course in three dimensional art focusing mainly on design, production, and art history and criticism. Production emphasis is on ceramic hand building techniques and glazing (pottery) and other sculpture in the round.

Activities: Students will use various hand building techniques to produce a variety of functional pottery and ceramic sculptures, as well as plaster, glass, and metal to create original sculpture.

Evaluation: Project evaluation, daily participation, growth, craftsmanship, originality

Title: 3D STUDIO 2 (Ceramics)

Prerequisite: 3D Studio 1

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: An advanced course in three dimensional art focusing mainly on using a potter's wheel to produce a variety of vessels.

Activities: Students will throw on the wheel.

Evaluation: Project evaluation, daily participation, growth, craftsmanship, originality

Title: ACCOUNTING 1

Grade Level: 10, 11, 12 **Credit:** One **Length of Course:** One year

If you are interested in pursuing a college major in any area of business (finance, marketing, management, or accounting), this course will offer you the basic fundamentals of accounting. All business majors must take a required course in accounting in college. This course will offer you the opportunity to be a step ahead of other business majors.

Content: Students will study the basic accounting cycle for a service business and a merchandising business. Students will also become involved in an introduction to automated data processing and partnership and corporation accounting.

Activities: Lectures, group learning, accounting problems, and business simulation sets. The Computer Lab is used in the study of automated accounting once students understand the concept and work done manually. Guest speakers from the accounting profession will speak to students about their careers. Good reading comprehension and basic math skills are a definite plus.

Out of Class Time Required: One hour per week depending upon student's ability and goals for the course.

Evaluation: Amount of work completed with understanding. Understanding will be determined by objective and problem tests and business simulations.

Title: ACCOUNTING 2

Grade Level: 11, 12

Credit: One

Length of Course: One year

Prerequisite: Accounting 1

The second year of accounting offers those students who are definitely interested in a business major (finance, marketing, management, or accounting) the opportunity to further develop their accounting skills. Those students taking Accounting 1 and Accounting 2 at Sterling High School and earning a letter grade of "B" or better will be able to earn 4 college credits at Sauk Valley College for their Basic Accounting Class.

Content: Students from Accounting 1 continue their study of partnerships and corporate accounting. In addition, they study departmental accounting, automated accounting, and cost accounting. Students will learn to file their own taxes as well as continue in automated accounting procedures.

Activities: Lectures, group learning, accounting problems, and business simulation sets. Microcomputers are used for automated accounting first and second semester. Students will take short field trips. Speakers from the accounting profession will speak to students about their careers.

Out of Class Time Required: One hour per week depending upon student's ability and goals for the course.

Evaluation: Amount of work completed with understanding. Understanding will be determined by objective problem tests, business simulations, and computer work.

Title: AP STUDIO ART

Grade Level: 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: If a student is enrolling in the Drawing Section, he/she must have completed three of the following five classes before enrolling: Drawing 1, Drawing 2, Painting 1, Painting 2, or Digital Drawing. If a student is enrolling in the 3D Section, he/she must have completed 3D Studio 1, 3D Studio 2 and one of the following 5 classes: Drawing 1, Drawing 2, Painting 1, Painting 2, or Digital Drawing. If a student is enrolling in the 2D Design section, he/she must have completed three of the following classes: Fundamentals of Art & Design, Media Arts, Drawing or Digital Drawing, or Digital Photography (recommended.)

Content: The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. It is strongly suggested that students enroll for two years.

Activities: The AP Program offers three portfolios: Drawing, 2-D Design, and 3-D Design. The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the **concentration** section (Section II). In the **breadth** section (Section III), the student is asked to demonstrate a serious grounding in visual principles and material techniques. The **quality** section (Section I) permits the student to select the works that best exhibit a synthesis of form, technique, and content.

Requirements and Evaluation: The table below summarizes the section requirements for each of the three portfolios.

	Drawing	2-D Design	3-D Design
Section I: Quality	Five actual drawings; maximum size is 18" x 24"	Five actual works; maximum size is 18" x 24"	Five works; two slides of each one are submitted
Section II: Concentration	12 slides; some may be details	12 slides; some may be details	12 slides; some may be second views
Section III: Breadth	12 works; one slide of each is submitted	12 works; one slide of each is submitted	Eight works; two slides of each are submitted

Title: *AVID*

Grade Level: 9 **Credit:** One **Length of Course:** One year

Prerequisite: None

Content: The primary goal of this elective is to support underserved or underrepresented students in preparation in college. The course is centered on helping these students be successful in enriched or accelerated courses that will offer them academically rigorous coursework with a structured support system. The goals of the course include helping students become aware of interests, talents and abilities; plan for ongoing personal and academic development; and refine personal and academic goals.

Activities: The AVID elective will be used to teach organizational skills, study skills, goal-setting and planning skills, and to strengthen skills in writing, reading, collaboration, and inquiry. Students will participate weekly in peer tutorials, reading and writing within the content areas, and career and college exploration.

Out of Class Time Required: 5 hours a week

Evaluation: Students are evaluated through their AVID binder, participation in tutorials, and reading and writing assignments in designated content areas.

Title: *BAND*

Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: Demonstration of basic skills on a wind or percussion instrument. Students will be auditioned and assigned to Gold or Blue band. These bands combine for marching band and meet the same period. Students then have the option to audition for various other small ensembles like pep band, pit band, jazz band, contest ensembles and combos.

Content: Education and performance of standard band literature

Activities: Performances in concerts, festivals, parades and various athletic events.

Out of Class Time Required: Attendance at all performances. Occasionally there may be after school activities, for which a student might want to audition.

Evaluation: Student participation, demonstration of playing progress, and performances.

Title: *CLOTHING AND TEXTILES 1*

Grade Level: 9, 10, 11,12 **Credit:** One-half **Length of Course:** One semester

Content: Basics of care of clothing, grooming, wardrobe management, textiles, clothing construction, clothing styles and cottage crafts.

Activities: Films, demonstrations, reading, lecture, discussion, laboratory construction, machine embroidery construction.

Out of Class Time Required: Two hours per week (construction in class).

Evaluation: Class projects, laboratory problems, and tests

Title: CLOTHING AND TEXTILES 2

Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Prerequisite: Clothing and Textiles 1

Content: Clothing roles, consumer information, study of fibers and fabrics, clothing maintenance, clothing construction (plaids and wool), clothing careers.

Activities: Discussion, lecture, reading, sewing projects, and samples.

Out of Class Time Required: Two hours per week (construction in class)

Evaluation: Projects - determined by quality and level of difficulty. Tests and quizzes on progress.

Title: CLOTHING AND TEXTILES 3

Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Prerequisite: Clothing and Textiles 2

Content: Consumer purchasing; color, line and design in fashion; fibers and fabrics; clothing selection/needs; clothing maintenance and care; sewing and other construction skills; merchandising clothing.

Activities: Discussion, reading, lectures, color and design projects, sewing, one paper.

Out of Class Time Required: Up to individual student - construction done in class

Evaluation: Projects, tests, and quizzes.

Title: CLOTHING AND TEXTILES 4

Grade Level: 11, 12 **Credit:** One-half **Length of Course:** One semester

Prerequisite: Clothing and Textiles 3

Content: Somewhat individualized, career opportunities, industrial sewing, clothing alterations and repairs, sewing for the home, craft sewing.

Activities: Discussion, reading, lectures, one written paper, sewing projects, lab work

Out of Class Time Required: Up to individual student, 6-8 hrs/project, most construction done in class.

Evaluation: Projects, written papers, occasional quizzes on basic sewing knowledge.

Title: CONSUMER EDUCATION/RESOURCE MANAGEMENT

Grade Level: 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: Consumer Education will introduce students to business and economic principles. Units covered include Credit, Checking and Banking, Insurance, Taxes, Consumer Responsibilities and Rights, Labor Relations, Money Management, as well as a Career Exploration Project. This class is designed to help students become educated consumers. **(GRADUATION REQUIREMENT)**

Activities: Class discussions, projects, videos, community resources, library activity, simulations, and hands-on computer activities.

Out of Class Time Required: One hour per week

Evaluation: Objective tests, class participation, special projects

*This requirement may also be met by passing two semesters of Cooperative Work Training 1 or 2, or by passing the State Consumer Education Proficiency Test.

Title: CONTEMPORARY CHOIR

Grade Level: 9,10,11,12 **Credit:** One **Length of Course:** One year

Prerequisite: A desire to sing and some vocal proficiency

Content: This choir is offered to any student with an interest in choral music. Lighter music such as pop, jazz, and gospel will make up the majority of the repertoire.

Activities: Singing in a large group and select festival participation.

Out of Class Time Required: Four concerts per year

Evaluation: Student motivation, participation, and demonstration of singing proficiency, 4 Concerts per year, sight singing, and written work on music lessons taught in class.

Title: COOPERATIVE WORK TRAINING 1 & 2

Grade Level: 10, 11, 12 **Credit:** Two **Length of Course:** One year

Prerequisite: At least 16 years of age

Content: Cooperative Work Training is a one or two year program. There are two components to this class: a work part and a classroom part. The student will be employed ten hours per week to fulfill the work requirement. The part-time work may be employment found by the teacher or the student, but it must be teacher approved. The classroom part covers employability and consumer skills. Some of these areas include interviewing, job shadowing, writing a resume, checking and credit. Passing two semesters of CWT fulfills the graduation requirement for Consumer Education.

Title: DIGITAL DRAWING (TECH ZONE)

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Type of Course: The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Prerequisite: If this is your first time in the Tech Zone we suggest starting with Digital Publishing or Media Arts.

Content: Students will learn how to see a three-dimensional space and translate it to a two-dimensional surface through traditional drawing techniques. Instead of traditional drawing media, however, students will use pressure sensitive pens, tablets and software to input what they see into the computer. Painter software will be the primary application that you will be using to create and manipulate your work.

Out of Class Time Required: Varies with individual student.

Evaluation: No Tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: DIGITAL PHOTOGRAPHY (TECH ZONE)

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Type of Course: Elective/ The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Prerequisite: If this is your first time in the Tech Zone we suggest starting with Digital Publishing or Media Arts.

Content: Photoshop is the foundation of any digital photography course. You will be asked to continue upgrading your Photoshop skills. These skills will culminate in a poster for the field house lobby and a CD cover for your portfolio. You will also spend considerable time shooting portraits, yearbook pictures, and tabletop compositions in the photo studio. You will learn to use our video cameras as you shoot in the green screen studio, and on location shooting steadicam, dolly, pans and tilts, and dutch angles as you gather assets for SEEN TV cable channel 11.

Out of Class Time Required: Varies with individual student.

Evaluation: No Tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: DIGITAL PUBLISHING (TECH ZONE)

Grade Level: 9,10,11,12 **Credit:** One half **Length of Course:** One semester

Type of Course: Elective/ The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Content: In Digital Publishing, you will learn the basic skills needed to have a successful career in journalism or digital publishing. You will learn to publish to the web, learn to publish to your cell phone, and learn to layout a newspaper or magazine.

Activities: Starting from the basics of how to take a picture, you will learn how to effectively edit photos using Photoshop and post them on the Internet. You will unlock the powerful tools of In Design and learn to inventively layout pages for publishing. Working on individual projects and as a team, your work will be published in the school yearbook, newspaper, on the Sterling Schools website and on the local access cable network. If you want to be at the cutting edge of the exciting field of digital publishing, wish to be involved in journalism, want to start gathering assets for your portfolio, or just want to know your way around your cell phone and the internet, Digital Publishing is where you want to start.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: DRAWING

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: An introductory course in drawing focusing on contour, gesture, sketching, proportion, value and shading, as well as design, production, and art history and criticism. Emphasis is placed on how to deal with creative thought processes and the formulation of new ideas. Previous drawing experience is NOT necessary. This class is a prerequisite for Painting.

Prerequisite: Fundamentals of Art & Design

Activities: Students will use various drawing media and processes to produce a variety of original artwork.

Evaluation: Project evaluation, daily participation, growth, craftsmanship, originality, personal growth.

Title: FILM AND VIDEO (TECH ZONE)

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Type of Course: Elective/ The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Prerequisite: If this is your first time in the Tech Zone we suggest starting with Digital Publishing or Media Arts.

Content: This course will cover both the production of video and sound and how to use the medium as a communication tool. Students will be introduced to what is required for a career in video and audio media communications and methods to create video programming at a professional level.

Out of Class Time Required: Varies with individual student.

Evaluation: No Tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: FOODS AND NUTRITION 1

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: This class allows students to develop the skills necessary to prepare nutritious meals and snacks. Experience in the food's lab will help students learn proper cooking techniques and meal management while working in a group setting.

Activities: Films, discussion, lecture, reading and charts, overheads, laboratory experiences, demonstrations, videos.

Evaluation: Lab work, tests, demonstration, class participation, products.

Title: *FOODS AND NUTRITION 2*

Grade Level: 10, 11, 12

Credit: One-half

Length of Course: One semester

Prerequisite: Foods and Nutrition 1

Content: Foods and Nutrition 2 will expand on the concepts learned in Foods I. Students will develop their own individual recipe book during the semester. The students will research, plan, and prepare meals for a variety of situations. This course will include a study of American Regional and International Foods.

Activities: Films, discussion, overheads, reading and charts, laboratory experiences. Research, planning and preparing laboratory lessons. Research projects and tests.

Evaluation: Lab work, tests, and products.

Title: *GRAPHIC DESIGN (TECH ZONE)*

Grade Level: 10, 11, 12

Credit: One-half

Length of Course: One semester

Type of Course: Elective/ The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Prerequisite: Digital Publishing and Photography is suggested

Content: You love art, but the business world is where you think you can make a living. You can do both. Visual Communicators work with clients to design images that get their needs across. The good part is that the client is very interested in what you are doing, you get to satisfy your artistic needs, and you are paid well for what you love to do. In class we always try to make the experience as real as possible. Therefore, we always work for an actual client. This changes each year, as the client's needs change. In the past we have done work with the following people:

Salt Lake 2002 Winter Olympics – We worked with Mark Cripe, a professional designer in Temucula, California, to design Olympic pins.

Sauk Valley Bank and Trust - We worked with this new bank in our community and the marketing firm MRG in Davenport to design the logo, signage, business cards, letterheads and web graphics. Our students have had the opportunity to work with the President and CEO of the bank as well as taking part in meetings to develop marketing strategies. We also designed the marks used by Select Employees Credit Union and Midwest Community Credit Union.

Mukilteo Schools in Seattle, Washington - We designed a logo, tri-fold brochure, collateral material and two video tapes to be used in presentations to Boeing, Intermec, Gap, Payless Drugs, Microsoft and numerous other businesses in the Seattle area.

We designed a CD cover for a band in Seattle. We designed the mark and collateral material for Sterling Schools and the Sterling Public Library. We laid out brochures and magazines for the Sauk Valley Chamber of Commerce and Sterling-Rock Falls Community Trust and have done work for Arthur's and Superior Exteriors among others.

Evaluation: No Tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: *IMAGE AND SOUND (TECH ZONE)*

Grade Level: 9, 10, 11, 12

Credit: One-half **Length of Course:** One semester

Type of Course: Elective/ The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Prerequisite: If this is your first time in the Tech Zone we suggest starting with Digital Publishing or Media Arts.

Content: Production techniques for digital photography, videography, and sound recording will be presented. Advanced principles of lighting and camera control for still and video image acquisition will be examined as well as sound recording for video. Emphasis will be on composition, camera skills, sound recording, and mixing that make the product more flattering, more marketable, and more creative.

Out of Class Time Required: Varies with individual student.

Evaluation: No Tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: *JV Choir (2nd Hour)*

Grade Level: 9,10,11,12

Credit: One

Length of Course: One year

Prerequisite: A desire to sing and some vocal proficiency

Content: This choir is offered to any student with an interest in choral music.

Activities: Singing in a large group and select festival participation.

Out of Class Time Required: Four concerts per year

Evaluation: Student motivation, participation, and demonstration of singing proficiency, 4 Concerts per year, sight singing, and written work on music lessons taught in class.

Title: *MARKETING*

Grade Level: 10, 11, 12

Credit: One-half

Length of Course: One semester

Content: Marketing is one of the most essential parts of making sure that a business is successful. If you plan on working in the business world, it is important to understand why companies do what they do in an effort to develop, promote and sell products to consumers. As a consumer you should be knowledgeable about the tactics that businesses use to persuade you to purchase their products. Marketing is communication. Interpersonal skills are an important element of Marketing. Being able to communicate effectively will help you get along with supervisors, coworkers, customers, and friends.

Activities: Students will use the textbook, computer, and simulation packets. They will develop new products and learn to promote, distribute and sell products.

Out of Class Time Required: 2 hours per week

Evaluation: Students will participate in daily discussions, create projects, research and interpret data as well as have quizzes and tests over the textbook material.

Title: MEDIA ARTS (TECH ZONE)

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Type of Course: Elective/ The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Content: In Media Arts you will learn to draw on the computer with Adobe Illustrator. To demonstrate your drawing skills in Illustrator, you will be asked to design and print a CD cover for your portfolio. An introduction to video will be the focus of the second half of the course. You will learn how to create a thirty second commercial that includes video clips, moving graphics, and text. You will be taught to record sound effects, create music tracks and add narration.

The finished video will play on SEEN TV, cable channel 11.

Evaluation: No tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: MOTION GRAPHICS (TECH ZONE)

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Type of Course: Elective/ The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Prerequisite: If this is your first time in the Tech Zone we suggest starting with Digital Publishing or Media Arts.

Content: Motion Graphics seamlessly combines various forms of media to create original and compelling visual art. In this course, students will gain a thorough understanding of input/output techniques, special effects, image compositing, and motion graphics. Students will also learn about the production timeline and graphical requirements of a multimedia project by demonstrating the manipulation of digital images in a studio environment.

Out of Class Time Required: Varies with individual student.

Evaluation: No Tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: MULTIMEDIA (TECH ZONE)

Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Type of Course: Elective - The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Prerequisite: Taking Media Arts and Photography before taking Multimedia is suggested.

Content: Do you think that the motion graphics in movie trailers are really cool? Do you play video games and watch MTV? Learn how to produce music videos and record sound in our recording studio. Learn how to use video cameras on location and in our television studio. Learn how to create moving images for web pages, CD Rom and DVD. Learn how to use the “blue screen” techniques that are being used in Hollywood for special effects work. Multimedia is an exciting and growing career that combines all forms of motion graphics. You will be taught to combine still photographs, video, music, text, and graphics on the computer. These sequences can be saved on video tape, burned onto CD’s and DVD’s to play on your computer and broadcast over the Internet. Many of the projects that we work on will be broadcast on Channel 11 on your cable network and streamed over the Internet. You will be using Photoshop, Illustrator, After Effects, Director, Final Cut Pro, Maya and a host of other powerful programs to create what you see and hear in your mind. If you think that your world is digital then this is where you want to be.

Out of Class Time Required: Varies as to interest

Evaluation: No tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

Title: MUSIC APPRECIATION

Grade Level: 9, 10, 11, 12 **Credit:** One Half **Length of Course:** One semester

Prerequisite: No prerequisite; however, students should have a general interest in wanting to see the social, ethical, and political implications that music has had on the history of the world.

Content: Students will be introduced to all periods of music history and how these reflect societal change occurring during these times.

Activities: Lectures, listening and research.

Out of Class Time Required: Homework Only 1-2 Hours per week.

Evaluation: Students will be evaluated by written and aural forms of assessment.

Title: ORCHESTRA

Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: Demonstration of basic skills on a stringed instrument, i.e., violin, viola, cello, string bass and harp.

Content: Fundamentals of ensemble playing with culmination into performance of light classical, classics, concerti, musicals and other music for string orchestra and symphonic orchestra. Emphasis is placed on technique and expression and how they are combined to create a work of art.

Activities: Playing in large and small ensembles; performing in four or more concerts per year.

Out of Class Time Required: Four performances and at community request.

Evaluation: Students will be evaluated on an individualized musicianship program. This program incorporates performance oriented activities with non-performance activities.

Title: PAINTING

Prerequisite: Drawing

Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: An introductory course in painting focusing on experimentation with various painting media such as watercolor, acrylics, oils or tempera, gouache and mixed media on a variety of ground (linen, canvas, paper).

Activities: Students will use various media and processes to produce a variety of original artwork using individual experimentation with media, techniques, processes, tools and materials. Students will view, discuss, produce and evaluate various non-objective, still life, landscape, and portrait/figure paintings.

Evaluation: Project evaluation, daily participation, craftsmanship, originality, personal growth.

Title: PARENTING

Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: This course emphasizes the process of parenting - helping students to gain insight and knowledge about children. The course focuses on: decisions related to parenthood, pregnancy, preparation for birth, children's stages of development, prenatal role changes, interaction between parents and children. The main emphasis will be on the challenges of parenthood.

Activities: Films, worksheets, group work, care and observation of children, and field trips.

Out of Class Time Required: Two to three hours per week

Evaluation: Study guides, worksheets, class participation, tests, puzzles, written and oral reports, projects.

Title: SEMINAR IN LEADERSHIP, COMMUNITY, AND CAREER

Grade Level: 10, 11, 12 **Credit:** One-Half **Length of Course:** One Semester

Content: Students will study the dynamics of leadership and learn the importance of leadership through interactive activities, as well as real life examples of leadership from various primary source documents and community members; students will hear from community members about the importance of education, life experiences, and work opportunities; and students will receive mini-sessions in various developmental counseling practices utilizing the 40 Developmental Assets. Students will research and develop individualized portfolios of career information based upon their post high school interests. Content specific to each class will include the following:

Activities: Hands-on activities in leadership and team building, lecture, guest speakers, and developmental counseling mini-lessons.

Out of Class Timer Required: 1-2 hours per week

Evaluation: Student participation, daily work, projects, and written assessments.

Title: THREE DIMENSIONAL INDEPENDENT STUDY

Prerequisite: 3D Studio 1 and 2 AND Drawing AND Instructor Permission (permission slips available from Instructor)

Grade Level: 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: This course is designed for students who have successfully completed 2 semesters of 3-D studio, as well as Drawing, and are interested in developing a deeper understanding and use of art media and technique. 3D Advanced Studio is offered only to highly motivated students who have had a variety of successful experiences in 3D in addition to at least one 2D course (drawing, Tech Zone). It is intended to offer and portfolio development to students who have the intention of pursuing Visual Arts beyond High School or in preparation for AP.

Activities: Individualized.

Evaluation: Individualized.

Title: TWO DIMENSIONAL INDEPENDENT STUDY (Drawing/Painting)

Prerequisite: Drawing AND Painting as well as one other Art Course (3D Studio, Tech Zone, etc.) AND Instructor Permission (Permission slips available from Instructor)

Grade Level: 11, 12 **Credit:** One-half **Length of Course:** One semester

Content: This course is designed for students who have successfully completed a minimum of 2 semesters of 2D Art and are interested in developing a deeper understanding and use of art media and technique. 2D Advanced Studio is offered only to highly motivated students who have had a variety of successful experiences in 2D Art in addition to at least one 3D or Tech Zone course. It is intended to offer and portfolio development to students who have the intention of pursuing Visual Arts beyond High School or in preparation for AP.

Activities: Individualized.

Evaluation: Individualized.

Title: *TWO-DIMENSIONAL INDEPENDENT STUDY (Tech Zone)*

Grade Level: 11, 12 **Credit:** One-half **Length of Course:** One semester

Type of Course: Elective **Prerequisite:** Instructor's permission

Content: Two-Dimensional Independent Study is offered to highly motivated students who have had experience in a variety of classes in either fine arts or design in the Tech Zone. It is intended to offer additional experiences to students that have taken the curriculum and need additional classes or to provide flexible scheduling to students with full schedules. A signed permission form from the instructor indicating with whom the class is being taken and the area of study the student is pursuing is required to ensure the student is placed in the proper class and with the proper teacher.

Permission slips may be obtained from the instructor.

Cost: \$20.00 lab fee

Activities: Individualized, depending on student projects.

Out of Class Time Required: Varies with project.

Evaluation: Teacher-student discussions, self-evaluation, growth, one-person show upon completion of several projects.

Title: *VARSITY CHOIR (7th Hour)*

Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: Superior vocal ability and musicianship as determined through audition.

Content: Advanced choral literature covering all musical periods and varied composers.

Activities: Singing in large groups, limited ensemble work, public performance, NCIC, and festival participation.

Out of Class Time Required: Four concerts per year, festival participation, as well as performances at community request.

Evaluation: Student participation and demonstration of singing proficiency, written work over music lessons taught in class, concert performance and sight singing.

Title: *WEB DESIGN (TECH ZONE)*

Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course:** One semester

Type of Course: Elective/ The work that you do in class may be applied toward dual credit at Sauk Valley Community College. You must be a junior to enroll in dual credit, but you may apply work that was done as a freshmen or sophomore to a dual credit course that you are enrolling in as a junior.

Prerequisite: If this is your first time in the Tech Zone we suggest starting with Digital Publishing or Media Arts.

Content: Students will learn how to design a compelling website, develop web assets in design creation programs such as illustrator, Photoshop or Flash and assemble the website using Dreamweaver. Students will continue with advanced studies of design principles and apply them to the Web site design process.

Out of Class Time Required: Varies with individual student.

Evaluation: No Tests. All evaluation is based upon the work that you create.

Note: Students will sign up for a Tech Zone period during scheduling. After consultation with the Tech Zone instructor during the first week of the semester, the students will be placed in the appropriate class – Digital Publishing, Media Arts, Digital Drawing, Digital Photography, Multimedia, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Web Design.

DRIVER EDUCATION DEPARTMENT

Title: *DRIVER EDUCATION*

Grade Level: Priority to Sophomores **Credit:** One-half **Length of Course:** One Semester

Prerequisite: A student must have passed 8 classes in the previous 2 semesters to be eligible to take Driver Education.

Content: The Driver Education program is designed to provide all regularly enrolled students with basic driving skills for the safe and efficient operation of a motor vehicle. The program consists of two phases: Classroom instruction (30 hours); and Behind the Wheel (6 hours). The units of instruction include: Rules of the Road, Basic Car Control and Maintenance, Seat Belts, Alcohol and Intersection Interaction.

Activities: Lectures, films, videotapes, discussion, outside speakers, demonstrations, behind-the-wheel experience.

Evaluation: Tests, projects, state driver's test for driving ability.

PLEASE NOTE: Due to attendance requirements, this class cannot be added after the fifth day of class. Upon the 8th absence from Driver Education a student will be dropped from the course and assigned to study hall for the remainder of that semester. Behind the wheel driving time will be given in priority of birthdates. Some students may need to drive before school, after school and/or on Saturdays to meet requirements.

ATTENTION PARENTS/GUARDIAN:

All student fee accounts must be paid up before the State of Illinois "Blue Slips" will be issued to the student upon the completion of driver's education classes.

ENGLISH DEPARTMENT

Title: *ENGLISH 1*

Grade Level: 9

Credit: One

Length of Course: One Year

Content: Freshman English develops essential skills in close reading, accurate writing, and an introduction to research. Course content studies the various genres of short story, drama, novel, and non-fiction. The course challenges students to improve their narrative and expository writing skills in preparation for the persuasive essay.

Activities: Daily homework assignments, lectures, cooperative group activities, and Writing Center usage incorporating a variety of written compositions.

Out of Class Time Required: Two to three hours per week.

Evaluation: The student will be evaluated on daily assignments, quizzes, tests, writings, and participation in class activities/projects.

Title: *READING STRATEGIES*

Grade Level: 9

Credit: One

Length of Course: One Year

Content: This course focuses on developing strands of literacy; fluency, vocabulary, comprehension strategies, and sustained silent reading. Instruction will provide explicit modeling of strategies and skills that good readers employ.

Activities: Sustained Silent Reading, Journaling, Book Talks, Vocabulary Work, and Fluency Practice.

Out of Class Time Required: None

Evaluation: The student will be evaluated on daily assignments, journals, book talks and participation in class activities/projects.

Title: *ENGLISH 2*

Grade Level: 10

Credit: One

Length of Course: One Year

Prerequisite: English 1

Content: Sophomore English reinforces and expands the knowledge and skills learned in English I. Critical reading of literary genres helps develop skills on both the literal and interpretive levels with particular attention to higher level inferences. A strong focus for this year is the mastery of compositional skills demonstrating mastery of organization, support, fluency, and mechanics. The course includes research writing that demonstrates the student's skills in grammar, synthesis, and citation.

Activities: Reading, discussion, group work, writing, and exercises in grammar and vocabulary.

Out of Class Time Required: Two to four hours per week.

Evaluation: Class participation, quizzes, tests, essays, and the research based paper.

Title: ENGLISH 3

Grade Level: 11 **Credit:** One **Length of Course:** One year

Prerequisite: English 1, English 2

Content: Junior English is a thematic study of chronological units in American literature and American values. Texts, class discussions, and projects will focus on the rich cultural, philosophical, and political diversity of a people trying to realize their dreams. Emphasis of study will be on the proof of an arguable thesis and the development of persuasive arguments; attention will be paid to the development of a cogent and clear style. Analytical research relevant to American culture will reflect emphases of grammatical mastery, vocabulary study, oral communication skills, and word processing.

Activities: Lectures, group discussions, critical thinking activities, vocabulary, grammar, writing assignments, and oral communication skills.

Out of Class Time Required: Three hours per week.

Evaluation: Group discussions, worksheets, writing assignments, objective tests, and class participation.

Title: ENGLISH 4

Grade Level: 12 **Credit:** One **Length of Course:** One year

Prerequisite: English 1, English 2, English 3

Content: World literature in all genres and the study of the essay in various forms will be covered. Students will improve their writing skills and study grammar as it pertains to the writing process. Cross-curriculum projects will be encouraged. The course design accommodates the student who is pursuing future vocational or collegiate study after graduation; goals of the course are to improve the student's proficiency in writing, reading, and discussion.

Activities: Reading, writing, speaking, and project

Out of Class Time Required: Three to four hours per week

Evaluation: Tests, quizzes, writing, and projects

Title: ACCELERATED ENGLISH 1

Grade Level: 9 **Credit:** One **Length of Course:** One year

Prerequisite: Accelerated English in middle school is encouraged, but not required.

Content: This is a course in reading and writing that is highly recommended for students who plan to enroll in AP (Advanced Placement) courses as upperclassmen, particularly English Language and/or Literature. Students will read Pulitzer and Nobel authors; focus on literary elements and devices (such as characterization and metaphor) will be studied in-depth. Learning to write persuasively in all modes (comparison, contrast, cause-effect, etc.) is a primary objective. The class will participate in critical discussions that reflect responsibility in reading assignments.

Activities: Daily homework assignments including reading, research, and writing, as well as in-class journals and discussion.

Out of Class Time Required: Five to seven hours per week

Evaluation: Tests, written papers, participation, and in-class journals.

Title: ACCELERATED ENGLISH 2

Grade Level: 10 **Credit:** One **Length of Course:** One year

Prerequisite: Accelerated English 1 (Encouraged but not required)

Content: This is the second level course in the Accelerated Language Arts sequence. Students who plan to enroll in AP (Advanced Placement) courses as upperclassmen, particularly English Language and/or Literature should take this course. The class will continue to read Pulitzer and Nobel authors as a basis for learning to write persuasive essays. Class work will include a study of grammar (coordinate and subordinate syntax) that enables keener analysis in reading and writing. Assignments in vocabulary, research, and speaking accompany weekly activities.

Activities: Daily homework assignments include reading, research, writing, and oral discussion.

Out of Class Time Required: Six to eight hours per week

Evaluation: Tests, written papers, participation, and speaking skills.

Title: FUNDAMENTALS OF ENGLISH

Grade Level: 9, 10, 11, 12

Prerequisite: Bilingual staff/Counselor Referral, ACCESS test

Content: The focus of this class is on the basic communication skills, which include listening, speaking, understanding, and writing in the English language. Primary emphasis is in the area of language structure (grammar), the mastery of correct spelling and basic vocabulary. Students will develop essential skills to help them gain access to the core curriculum and culture of the school and community setting.

Activities: Reading, writing, speaking, lecture

Out of Class Time Required: One to two hours per week

Evaluation: Tests, written papers, participation and speaking skills

Title: PUBLICATIONS 1

Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One Year

Prerequisite: None

Content: This course will focus on the communication and technical skills required to publish the school newspaper and the literary magazine. The fundamentals of writing news articles, editorials, and feature stories will be taught. Information gathering tools covered will include interviewing and searching both paper and electronic files. Students will also learn basic photography and the Quark Xpress 2007 computer program used for layout of both publications.

Activities: Students will plan and design the content of the school newspaper and literary magazine, develop that content, refine it, and publish it. That process will require working in small groups, researching topics, writing and editing stories, photographing subjects, and laying out all the components of each publication.

Out of Class Time Required: As assigned by Instructor

Evaluation: Students will be evaluated on their ability to work with others, on the number of assignments completed, on the thoroughness of their work, and on the quality of the finished products. At the end of each term, a portfolio of each student's work will largely determine his or her grade.

Title: PUBLICATIONS 2

Grade Level: 10, 11, 12

Credit: One-half

Length of Course: One Year

Prerequisite: Publications 1

Content: This course will focus on the communication and technical skills required to publish the school newspaper and the literary magazine. The fundamentals of writing news articles, editorials, and feature stories will be taught. Information gathering tools covered will include interviewing and searching both paper and electronic files. Students will also learn basic photography and the Quark Xpress 2007 computer program used for layout of both publications.

Activities: Students will be placed in leadership role as an editor of the school newspaper and/or the literary magazine. Students will also work to gather advertisements from community business and area and school clubs and organizations. Students will work independently on assigned tasks and should be self-motivated and deadline oriented to more realistically experience life in the world of an everyday news source.

Out of Class Time Required: As assigned by Instructor

Evaluation: Students will be evaluated on their ability to work with others, on the number of assignments completed, on the thoroughness of their work, and on the quality of the finished products. At the end of each term, a portfolio of each student's work will largely determine his or her grade.

Title: ADVANCED PLACEMENT LANGUAGE & COMPOSITION

Grade Level: 11, 12

Credit: One (weighted)

Length of Course: One year

Prerequisite: Completed two years of English

Content: Students will learn to write critical compositions drawn from literature. The focus of these timed compositions will be reactions to an author's purpose, style, and use of rhetorical devices. Students will read a minimum of ten novels, two plays, and a diverse selection of essays, short stories, and poems. The readings will be primarily American literature from Romanticism to Post-modernism. Students who enroll in the course will meet with the instructor prior to the fall session to receive a summer reading list and writing assignment. The course addresses the Illinois State Standards and National Advanced Placement Standards. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll. This course will require a commitment to improving reading, writing, and grammar skills.

Activities: Reading, writing, large and small group discussions, film analysis, independent projects, group projects.

Out of Class Time Required: One to two hours per day

Evaluation: Tests, class discussion, compositions, and daily discussion.

Title: ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION

Grade Level: 12 **Credit:** One (weighted) **Length of Course:** One year

Prerequisite: AP Language

Content: Students will learn to write compositions drawn from literature. Students will write timed compositions as often as once every two weeks. Students will learn to evaluate these papers. Students will write take-home papers. Students will read 6 to 8 novels, 2 to 4 plays, and a large selection of poetry and short stories. The literature will be selected from different centuries, but 50% will be culled from the 20th century. Students will read two novels and write a paper in the summer to be prepared for the beginning of school. The course addresses the Illinois State Standards and National Advanced Placement Standards. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll. The workload and quality of work will be demanding. The goal of this course is to develop independence in learning as well as the ability to be interdependent in group work.

Activities: Reading, writing, large and small group discussions, film analysis, independent projects, group projects.

Out of Class Time Required: One to two hours per day

Evaluation: Done by students themselves and the instructor

DUAL ENROLLED ENGLISH

NOTE: Students are responsible for payment of tuition and purchase of textbooks.

Title: ENG 101 – COMPOSITION 1

Grade Level: 12 **Credit:** One-half **Length of Course:** One Semester

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

Prerequisite: ACT standard score in English of 18 or above; suitable scores on the current English placement test, or grade of “C” or higher in English 100.

Credit: 3 semester hours of college credit from Sauk Valley Community College.

Title: ENG 103 – COMPOSITION 2

Grade Level: 12 **Credit:** One-half **Length of Course:** One Semester

Content: An advanced course in essay writing with emphasis on formal research, English 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.

Prerequisite: A grade of “C” or higher in English 101 or its equivalent.

Credit: 3 semester hours of college credit from Sauk Valley Community College.

FOREIGN LANGUAGE DEPARTMENT

Please note that at all levels of all languages – **In order to advance to the next level students need to earn a "C" or better each semester. Both semesters must be repeated if either semester grade is below "C".**

Title: *FRENCH 1*

Grade Level: 9, 10, 11 **Credit:** One **Length of Course:** One Year

Content: Development of basic skills involved in speaking, listening comprehension, reading, and writing the French language; cultural aspects of the French people are also included.

Activities: Study of the French sound system, vocabulary, and basic grammar. Supplementary aids include tapes, films, videos, magazines, language games. Students will practice in the language lab.

Out of Class Time Required: Approximately two to three hours per week.

Evaluation: Based on oral and written quizzes and tests and homework.

Title: *FRENCH 2*

Grade Level: 10, 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: Passed French 1 with a "C" or better each semester (or by teacher recommendation).

Content: Expansion of the basic skills learned in French 1, with emphasis on the spoken language structure. Additional cultural study.

Activities: Vocabulary learned through dialogues, stories, and drills. Supplementary aids include tapes used in the language lab, videos, CDs, magazines, and books. Students will practice in the language lab.

Out of Class Time Required: Approximately two to three hours per week.

Evaluation: Based on oral and written achievement.

Title: *FRENCH 3*

Grade Level: 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: Passed French 2 with a "C" or better each semester (or by teacher recommendation).

Content: Emphasis on proficiency in speaking, reading, and writing with special attention given to French civilization and culture, particularly history.

Activities: Individual or small group work. French becomes more and more the language of the classroom. Supplementary aids include the use of tapes in the language lab, videos, and research projects on the Internet.

Out of Class Time Required: A minimum of three hours per week.

Evaluation: Based on oral and written proficiency.

Title: FRENCH 4

Grade Level: 12

Credit: One

Length of Course: One year

Prerequisite: Passed French 3 with a "C" or better each semester (or by teacher recommendation).

Content: Continued work on proficiency in speaking, reading and writing with special attention given to French civilization and culture, particularly literature.

Activities: Individual and small group work. Continued practice in language and computer labs. Supplementary aids include use of tapes in the language lab, videos, feature films in French and research projects on the Internet.

Out of Class Time Required: A minimum of three hours per week.

Evaluation: Based on oral and written proficiency.

Title: SPANISH 1

Grade Level: 9, 10, 11

Credit: One

Length of Course: One year

Content: Development of proficiency in the basic skills, reading, writing, speaking, and understanding Spanish. Pronunciation is stressed. A survey of cultural and geographical aspects of 20 Spanish-speaking countries is achieved through student reports, films, and when available, guest speakers.

Activities: Study of pronunciation, grammar, and vocabulary through drilling and dialogue. At least one tape per lesson/unit studied in the language lab. Supplementary materials include tapes, videos, computer software, slides, readings, reports, and when available, outside speakers.

Out of Class Time Required: Varied, about two hours per week.

Evaluation: Listening comprehension and speaking activities, written assignments, projects and quiz/test performance.

Title: SPANISH 2

Grade Level: 9, 10, 11, 12

Credit: One

Length of Course: One year

Prerequisite: Passed Spanish 1 with a "C" or better each semester (or by teacher recommendation).

Content: Continued emphasis on proficiency of communication skills. Discussion continues on topics of cultural relevance to the 20 Spanish-speaking countries.

Activities: Vocabulary is learned through stories and dialogues. Reading and discussion are emphasized, and students generate more of their own writing/dialogues. Tapes are used in the language lab, exposing students to native pronunciation and pacing.

Out of Class Time Required: Varied: usually two hours per week.

Evaluation: Based on oral and written achievement including tests, projects, and assignments.

Title: SPANISH 3

Grade Level: 10, 11,12 **Credit:** One **Length of Course:** One year

Prerequisite: Passed Spanish 2 with a “C” or better each semester (or by teacher recommendation).

Content: Emphasis on proficiency in reading, writing, speaking and listening.

Activities: Students will revisit topics including celebrations, daily life, travel, art, and current events--- but they will learn additional vocabulary and participate at a more advanced level through projects, discussion, and individual writings. Students at this level should be willing to work on memorizing/practicing outside of class so that class time may be spent on application and advancement of communication skills. Students will use authentic resources as much as possible.

Out of Class Time Required: Two to three hours per week.

Evaluation: Daily assignments, quizzes, tests and special projects.

Title: SPANISH 4

Grade Level: 11, 12 **Credit:** One **Length of Course:** One Year

Prerequisite: Passed Spanish 3 with a “C” or better each semester (or by teacher recommendation).

Content: Continued emphasis on proficiency in reading, writing, listening, and speaking. Also, a continued emphasis on application of the Spanish language is used. Students will also be reading Latin American legends and a novel. The use of authentic resources is emphasized.

Activities: Individual and small group work, selected readings, language lab work and original writing and speaking projects.

Out of Class Time Required: Two to three hours per week.

Evaluation: Daily assignments, quizzes, tests, and special projects.

Title: ADVANCED PLACEMENT SPANISH / SPANISH 5

Grade Level: 12 **Credit:** One (weighted) **Length of Course:** One year

Prerequisite: Completion of Spanish IV with at least a “B” in each semester (or by teacher recommendation)

Content: The course is designed to further develop fluency of communication in the target language. Students are expected to develop greater proficiency in the four major language skills (listening, reading, speaking, and writing) while also deepening their knowledge in topics related to the Hispanic culture. Among other activities, students will be required to read and respond to, both orally and in writing, text readings that include short stories, legends, poems, as well as other topics of literary composition. The curriculum used is designated by Advanced Placement. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.

Activities: Will follow the recommendation of the Advance Placement curriculum.

Out of class time required: Minimum of 4 hours per week.

Evaluation: Oral Class discussions, quizzes, tests, and special projects. It is recommended that students take the Advanced Placement test for college credit at the end of this course.

HEALTH DEPARTMENT

Title: *HEALTH*

Grade Level: 9, 10, 11, 12

Credit: One-half

Length of Course: One semester

Content: Units in mental health, stress and coping skills, alcohol, drug and tobacco use and abuse, human reproduction, human growth and development, relationships, diet and nutrition, fitness, personal habits, consumer health, human ecology and health, prevention and control of diseases.

Activities: Lectures, class discussions, group work, guest speakers, D.A.R.E.

Out of Class Time required: Two to three hours per week

Evaluation: A composite of essay tests, papers, written assignments, and worksheets, along with class participation.

MATHEMATICS DEPARTMENT

Title: *ALGEBRA 1*

Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: Eighth grade mathematics teacher recommendation.

Content: Algebra 1 is critical to all students. This course is required for gainful employment in most careers in the twenty-first century and for post-secondary education, including vocational training, community college, or four year college. Problem solving, solving equations, and graphing linear equations are primary topics. Course integrates technology with graphing calculators and spreadsheets.

Activities: Lecture, small group instruction, and the use of graphing calculators is introduced. Independent reading is required.

Out of Class Time Required: A minimum of two to three hours per week.

Evaluation: Performance on homework, quizzes, and chapter tests

Title: *ALGEBRA 1 BLOCK*

Grade Level: 9 **Credit:** One credit for Alg & One credit for Alg Study Skills

Length of Course: One year

Prerequisite: Eighth grade mathematics teacher recommendation.

Content: The content is the same as Algebra I, but the course will meet two hours per day so that the student who needs extra time and help to master the content of algebra I has ample opportunity to do so.

Activities: Lectures, small group instruction, and guided practice.

Out of Class Time Required: A minimum of two to three hours per week.

Evaluation: Performance on homework, quizzes, and tests.

Title: *ACCELERATED ALGEBRA 2*

Grade Level: 10 **Credit:** One **Length of Course:** One year

Prerequisite: Accelerated Geometry or teacher recommendation

Content: This Algebra 2 course sequentially follows Algebra 1 and Accelerated Geometry. The structure of algebra is reinforced and methods to increase student understanding of mathematical concepts are introduced. Students will move toward more independent learning. This is accomplished by the students reading and using the textbook. This course integrates technology as a problem-solving tool. Specifically, graphing calculators are used almost daily. Topics of supplemental nature are used according to the interests of the students and the time available without hindrance to the topics needed for the following courses. The student will be expected to do all assignments in order to master Algebra 2.

Activities: Teacher and/or fellow students leading discussions to gain mathematical knowledge.

Out of Class Time Required: Minimum of five hours per week

Evaluation: Performance on tests and quizzes

Recommended Technology: TI-83Plus or TI-84 Graphing Calculator

Title: ALGEBRA 2

Grade Level: 11,12

Credit: One

Length of Course: One year

Prerequisite: Algebra 1, Geometry

Content: Algebra 2 is a course sequentially following Algebra 1 and can be followed by Algebra 3 and Trigonometry. The most common sequence is Algebra 1, Geometry, and Algebra 2. The structure of algebra is reinforced and methods to increase student understanding of mathematical concepts are introduced. Topics are presented by the teacher using lecture and examples. The student will be expected to do all assignments in order to master Algebra 2.

Activities: Lectures, small group discussions, and graphing calculator skill-building activities.

Out of Class Time Required: Minimum of five hours per week.

Evaluation: Performance on tests, quizzes, and homework

Recommended Technology: TI-83Plus or TI-84 Graphing Calculator

Title: GEOMETRY

Grade Level: 10, 11, 12

Credit: One

Length of Course: One year

Prerequisite: Algebra 1

Content: This course satisfies college requirements for high school geometry. Standard plane geometry topics including points, lines, planes, parallelism, perpendicularity, two column and paragraph proofs, circles, quadrilaterals, congruency, similarity, areas, and volumes.

Activities: Lectures, small group discussions, individualized instruction

Out of Class Time Required: Three to four hours per week

Evaluation: Performance on tests and homework and projects

Title: ACCELERATED GEOMETRY

Grade Level: 9

Credit: One

Length of Course: One year

Prerequisite: Algebra 1 & teacher recommendation.

Content: This course is designed for our more advanced math students at the ninth grade level. Plane figures and their properties are studied deductively using formal logic and inductively using dynamic geometry software. This course has a heavy emphasis on proof.

Activities: Lectures, small group discussions, individualized instruction

Out of Class Time Required: Four to five hours per week

Evaluation: Performance on tests

Title: ALGEBRA 3 AND TRIGONOMETRY

Grade Level: 12

Credit: One

Length of Course: One year

Prerequisite: Algebra 2

Content: This course is designed for college bound students who have successfully completed Algebra 1, Geometry, and Algebra 2. The main emphasis is on trigonometry, with assorted topics in Algebra 3 and the use of the graphics calculator also introduced.

Activities: Lectures and small group discussions

Out of Class Time Required: Minimum five hours per week

Evaluation: Performance on tests, quizzes, and homework

Recommended Technology: TI-83Plus or TI-84 Graphing Calculator

Title: *PRE-CALCULUS / TRIGONOMETRY*

Grade Level: 11

Credit: One

Length of Course: One year

Prerequisite: Algebra 2

Content: This course is designed as a junior level math course for college-bound students. Topics in discrete mathematics and trigonometry are discussed. Extensive work beyond the text is required. Familiarity with various computer software is helpful. A graphing calculator is needed for this course.

Activities: Lectures & small group discussions.

Out of Class Time Required: Minimum of five hours per week.

Evaluation: Tests, projects, and quizzes

Recommended Technology: TI-83Plus or TI-84 Graphing Calculator

Title: *ADVANCED PLACEMENT CALCULUS*

Grade Level: 12

Credit: One (weighted)

Length of Course: One year

Prerequisite: Pre-Calculus

Content: This class is a lecture-discussion type class containing Differential and Integral Calculus. Both theory and practical applications are included. Graphing of higher order functions and mathematical reasoning in three spaces is required. Prerequisites are four years of mathematics including algebra, geometry, theory of equations, logarithmic functions, polar equations, and trigonometry functions. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.

Activities: Lectures, projects, and small group discussions.

Out of Class Time Required: Minimum of ten hours per week

Evaluation: Tests, projects, and quizzes

Recommended Technology: TI-83Plus or TI-84 Graphing Calculator

Title: *ADVANCED PLACEMENT STATISTICS*

Grade Level: 12

Credit: One

Length of Course: One year

Prerequisite: Grade of "C" or above in Algebra II/Teacher Recommendation

Content: Statistics is designed as an alternative to Algebra III/Trig for the college bound senior. This course will provide the senior student with a firm understanding of statistics including but not limited to data description techniques, frequency distributions, normal distributions, confidence intervals, and hypothesis testing. The graphing calculator is essential for mastery of these concepts. This course will prepare students for the AP Statistics examination.

Activities: Lectures, small group discussions, and projects.

Out of class time required: Minimum of five hours per week.

Evaluation: Performance on tests, quizzes, homework and projects.

Recommended Technology: TI-83plus or TI-84 graphing calculator.

PHYSICAL EDUCATION DEPARTMENT

Title: *PHYSICAL EDUCATION*

Grade Level: 9, 10, 11, 12 **Credit:** One-Half **Length of Course:** One semester

Content: Physical Education is a required course for all students at Sterling High School. It is a four-year program, unless waived through approved methods. (As freshmen, the student takes Physical Education one semester and usually Health the other semester. As a sophomore, the student takes Physical Education one semester and usually Driver Education the other. Freshmen and sophomores may, however, take Physical Education each semester if they wish.) The co-educational elective physical education program provides opportunity for students to participate in a full range of activities including, but not limited to, areas of fitness, individual and dual sports, team sports, field sports, aquatics, rhythms, & first aid (First Aid/CPR is a required unit). Courses are designed to facilitate the acquisition of new skills and knowledge, create interest and appreciation of movement, and the opportunity to discover the joy and needs of physical activity all leading to the mental, physical, social, and emotional well-being of the individual.

Evaluation: Students may take 4 units per semester. Each unit is approximately five weeks in length. There will be a few courses that will run for a 10 week period. Each unit is graded separately with the evaluation based on participation in class, skill development and improvement, proficiency in skill tests, and knowledge of rules and regulations of the sport or activities. Uniform requirements include PE shorts & T-shirts, white socks, and tennis shoes. These official uniforms may be purchased during Registration from the Athletic Boosters. The uniforms are available throughout the year by calling the Parent Center at 625-6800 ext 113. Also recommended is a navy blue or gray sweat suit or warm-up suit.

SCIENCE DEPARTMENT

Title: *ENVIRONMENTAL EARTH SCIENCE*

Grade Level: 9, 10, 11, 12 **Credit:** One

Length of Course: One year

Content: A general survey studying the impact of environmental factors on organisms and the land. Topics may include mapping, geology, meteorology, ecology and environmental issues and society.

Activities: Laboratory investigations, field analysis of data, lectures, group work, movies, projects, research reports

Out of Class Time Required: Two to three hours per week

Evaluation: Completion of tests and of work assigned, lab reports, research reports, quizzes, and projects.

Title: *ACCELERATED BIOLOGY*

Grade Level: 9 **Credit:** One **Length of Course:** One year

Prerequisite: Teacher Recommendation from Eighth grade teacher. This is the first course in the Accelerated Science Sequence.

Content: An accelerated biological/environmental course designed to help prepare students for AP courses and other science courses. Topics include cellular studies, genetics, anatomy and physiology, survey of existing groups and environmental units.

Activities: Laboratory investigations, dissections, lectures, group work, movies, projects, and student reports

Out of Class Time Required: Minimum of three hours per week.

Evaluation: Completion of tests and work assigned, notebooks, lab reports, and quizzes

Title: *BIOLOGY*

Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One year

Content: General survey studying the diversity and interrelationships of living things, population growth, anatomy, physiology, genetics, evolutionary theory, cell biology, and other life science topics.

Activities: Laboratory investigations, dissections, lectures, group work, movies, projects, and student reports.

Out of Class Time Required: Two to three hours per week, minimum

Evaluation: Completion of tests and of work assigned, lab reports, research reports, quizzes, projects

Title: PHYSICAL SCIENCE

Grade Level: 10, 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: Completed or be currently enrolled in Algebra 1; Cannot take if previously passed Chemistry or Physics.

Content: Physical Science is a full year laboratory course that deals primarily with topics of basic chemistry and physics. It is offered for better than average students who plan later to enroll in one or more of the advanced science courses of Advanced Life Science, Chemistry, or Physics.

Activities: Classroom presentations, conducting experiments, demonstrations, problem solving, and class discussion.

Out of Class Time Required: Minimum of two hours per week.

Evaluation: Lab reports, tests, quizzes, projects, and homework assignments.

Title: CHEMISTRY

Grade Level: 10, 11, 12 **Credit:** One **Length of Course:** One year

Prerequisite: Algebra 1, Physical Science or a B or above in Biology.

Content: Chemistry is concerned with all of the substances that make up our environment and with the changes that take place in these substances. Lab experiences provide the technical and manipulatory skills that are a prerequisite for many professions. The importance of chemistry to the consumer and its role in protecting the environment is integrated within the course. Some of the major topics covered are measurement, atomic theory, gases, equations, chemical calculations, mole concept, equilibrium, bonding, acids and bases.

Activities: Demonstrations, lab investigations, a variety of models and simulations, and class discussions.

Out of Class Time Required: Minimum of two to three hours per week

Evaluation: Performance on tests, quizzes, lab reports, and out-of-class assignments.

Title: ACCELERATED CHEMISTRY

Grade Level: 10 **Credit:** One **Length of Course:** One year

Prerequisite: Algebra 1

Content: This is the second course in the Science Accelerated sequence. Content similar to regular Chemistry course with appropriate adjustments for high ability students.

Activities: Demonstrations, lab investigations, a variety of models and simulations, and class discussion.

Out of Class Time Required: Minimum of two to three hours per week

Evaluation: Performance on tests, quizzes, lab reports, and out-of-class assignments.

UPPER LEVEL SCIENCE COURSES: *It is the philosophy of the Science Department that all students have a well rounded background in the natural and physical sciences. We recommend that students should have a year each of Biology, Chemistry, and Physics in their course plans before they repeat any of the disciplines—AP Biology, Chemistry 2 or AP Chemistry .*

Title: **PHYSICS (Dual Enrollment – PSY 175)**

Grade Level: 11, 12 **Credit:** One (SHS) **Length of Course:** One year

Prerequisite: Algebra 2 & Geometry Four (SVCC)

Content: Study of the concepts of motion, force, energy, heat, light, sound, electricity, magnetism, nuclear and modern physics. This course is highly recommended for students who plan to major in any area of science. Students in this class have the option of earning dual enrollment credit through Sauk Valley Community College.

Activities: Classroom discussions, laboratory investigations, and application of mathematics to the solving of problems.

Out of Class Time Required: Minimum of two hours per week.

Evaluation: Performance on quizzes, lab reports, homework, and tests.

Title: **CHEMISTRY 2 (Dual Enrollment – CHE 103)**

Grade Level: 11, 12 **Credit:** One (SHS) **Length of Course:** One year

Four (SVCC)

Prerequisite: One year of Chemistry & Algebra 2 or concurrent Algebra 2

Content: Chemistry 2 is a college level, second course in chemistry in which the principles of structure and reaction are emphasized. This course is directed towards the student who wants to prepare himself by studying content at the college level, but does not want to approach it at the rate it would be taught in the AP Chemistry class. Students in this class have the option of earning dual enrollment credit through Sauk Valley Community College.

Activities: Laboratory work is extensive and includes volumetric and gravimetric determinations as well as instrumental analyses.

Out of Class Time Required: Minimum two to three hours per week

Evaluation: Performance on homework, quizzes, lab reports, and tests

Title: ADVANCED PLACEMENT CHEMISTRY

Grade Level: 11, 12 **Credit:** One (weighted) **Length of Course:** One year

Prerequisite: One year of Chemistry, Biology & Algebra 2 or concurrent Algebra 2

Content: AP Chemistry is a course designed to be the equivalent of the general chemistry course usually taken during the first college year. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.

Activities: Laboratory work, discussions, problem solving activities.

Out of Class Time Required: It is assumed that the student will spend at least five hours a week in unsupervised individual study during the school year and will prepare themselves during the summer prior to taking the course by completing the pre-course assignments.

Evaluation: Performance on homework, quizzes, lab reports, and tests.

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Title: ADVANCED PLACEMENT BIOLOGY

Grade Level: 11, 12 **Credit:** One (weighted) **Length of Course:** One year

Prerequisite: One year of Chemistry, Biology & Algebra 2 or Concurrent Algebra 2.

Content: AP Biology is a course designed to be the equivalent of the general biology course usually taken during the first college year. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.

Activities: Laboratory work, discussions, problem solving activities.

Out of Class Time Required: It is assumed that the student will spend at least five hours a week in unsupervised individual study during the school year and will prepare themselves during the summer prior to taking the course by completing the pre-course assignments.

Evaluation: Performance on homework, quizzes, lab reports, and tests.

SOCIAL STUDIES DEPARTMENT

Title: *WORLD CULTURES*

Grade Level: 9

Credit: One-half

Length of Course: One semester

Placement in this course is based upon teacher referral.

This course or one semester of World History is required as part of the two units of Social Studies credit necessary for graduation. World Cultures is the less rigorous alternative within the world studies requirement.

Content: This is a semester course in which current world cultures are examined in an attempt to identify and understand the characteristics which are shared by all cultures and those characteristics which are unique to a particular culture. The course stresses the similarities between all peoples and cultures while encouraging understanding and acceptance of the differences.

Activities: Lectures, large and small group discussions, simulation games, library work, films, and projects.

Out of Class Time Required: While the time required for this course varies according to the interest and ability of the student, a minimum of two to three hours per week is generally required.

Evaluation: Tests, quizzes, projects

Title: *WORLD HISTORY*

Grade Level: 9

Credit: One

Length of Course: One year

One semester of this course or World Cultures is required as part of the two units of Social Studies credit necessary for graduation.

Content: This course is a study of the organization, historical development, and current status of various civilizations in the world other than the United States. Study areas for the first semester include the examination of early prehistoric man, original root civilizations, and the Middle Ages. Second semester topics include the development of civilization in the Middle East, Africa, South America, Asia, the Renaissance and Reformation, Exploration, French Revolution, Industrialization, Imperialism, World War I, World War II, and the world today.

Activities: Lectures, large and small group discussions, simulation games, films, library assignments and projects. Projects include book reports, film and television reviews, readings, art projects and surveys.

Out of Class Time Required: Varies

Evaluation: Regular tests, quizzes, projects, and seminar discussions.

Title: ACCELERATED WORLD HISTORY

Grade Level: 9 **Credit:** One **Length of Course:** One year

This course is the most rigorous alternative within the World Studies requirement. It is designed for the motivated and capable student who wants or needs a full credit of World Studies.

Content: The study of social, political and geographic changes in the world other than the U.S. Study areas for 1st semester include Native American cultures, development of world religions, Middle East Renaissance, Reformation, Exploration and Scientific Revolution. Study areas for 2nd semester include Industrialization, Imperialism, World War I, Russian Revolution, World War II and the world today.

Activities: Lectures, large and small group discussions, simulation games, films, library assignments, projects and geography assignments.

Title: STATISTICAL ANALYSIS IN CURRENT EVENTS

Grade Level: 10 **Credit:** One-half **Length of Course:** One Semester

Content: The skills taught will include the reading skills of inferring the main idea of passages, using context clues to determine the meaning of unknown words, identifying details that support the author's purpose or message, identifying cause-effect relationships, and drawing generalizations using details that support the main ideas of a passage. Math skills taught will include working with estimation, using geometric formulas for computing land mass, solving arithmetic problems that involve rates, proportions, and percentages, reading tables and graphs, translating information into a table, graph, or diagram, and determining probability. Technology skills will include word processing, internet searching and reliability, graphing data, online test prep, introduction to graphic information systems (GIS), and using the internet to access satellite technology.

Activities: Labs, discussion, online skills testing, reading, math, and writing.

Out of Class Time Required: One to two hours per week.

Evaluation: Tests, quizzes, participation in class, and projects.

Title: ADVANCED PLACEMENT UNITED STATES HISTORY

Grade Level: 11, 12 **Credit:** One (weighted) **Length of Course:** One year

Content: The course is a survey of American History. Historical information is examined by means of an inquiry approach using the curriculum designated by Advanced Placement. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.

Activities: Will follow the recommendation of the Advanced Placement curriculum.

Out of Class Time Required: One to two hours per day is possible

Evaluation: Tests, quizzes, participation in class, and projects. It is recommended that the students take the Advanced Placement test for college credit at the end of this course.

Title: UNITED STATES HISTORY

Grade Level: 11 **Credit:** One **Length of Course:** One year

Content: The course is a survey of American History from the period of industrialization during the late 1800's to the present day. Historical information is presented in the "History Alive" curriculum which includes many student-centered activities that put students in historical situations. A major focus of the class is an effort to improve students' understanding of issues and the ability to think and reason critically.

Activities: Besides the above activities, slide lectures, group activities, discussions, and films are included.

Out of Class Time Required: Three to five hours a week will be the average.

Evaluation: All teachers use study guides for the readings, quizzes, tests, and cooperative group activities.

Title: SOCIOLOGY

Grade Level: 11, 12 **Credit:** One-half **Length of Course:** One semester

Prerequisite: One-half unit in World Cultures or World History

Content: The course examines social life and behavior especially in relation to social systems and how they are affected by the people who participate in them. Students enrolled in this course will participate in the systematic study of human group behavior and the actions of the individuals who make up those groups. Emphasis will be placed on the following topics: (1) fundamentals of sociology (2) the nature of culture (3) conformity and deviance (4) roles, relationships and groups (5) the family (6) religion and education (7) government and economic systems (8) socialization (9) social movements and collective behavior (10) crime (11) social stratification and mobility.

Activities: Lecture-discussion, in/out class projects, small group assignments, individual reading/writing assignments, videos, experiments and simulations.

Out of Class Time Required: This will vary with the student's commitment and goals.

Evaluation: Grades are determined by student performance on tests, quizzes, experiments, projects, assignments, and class participation.

Title: GOVERNMENT

Grade Level: 12 **Credit:** One-half **Length of Course:** One semester

Content: In this course students investigate, evaluate, and employ the processes by which individuals participate in and influence government. Students also study the structure and function of the United States federal government and the government of the state of Illinois as preparation for the Constitution Test.

Activities: Students conduct research concerning public issues, present oral and written reports, use a decision making model to evaluate public issues, write legislation, and function as a classroom legislative body to accept or reject the proposed legislation. Students also function as legislators or concerned citizens who attempt to steer bills through a legislature composed of representatives of all government classes. A variety of activities including lectures, worksheets, group work, discussions, and debates are employed but active student participation in the political process is stressed.

Out of Class Time Required: While the time required for this course varies according to the interest and ability of the student, a minimum of three to five hours per week is generally required. Students are also required to attend two public meetings during the semester.

Evaluation: Research documents, position papers, quizzes, tests, and especially student participation.

Title: ADVANCED PLACEMENT UNITED STATES GOVERNMENT AND POLITICS

Grade Level: 12 **Credit:** One half (weighted) **Length of Course:** one semester

Content: The course is designed to give students an analytical perspective on government and politics in the United States. The course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. The curriculum used is designated by Advanced Placement. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.

Activities: Will follow the recommendation of the Advance Placement curriculum.

Out of class time required: One to two hours per day is possible.

Evaluation: Tests, quizzes, participation in class and projects. It is recommended that students take the Advanced Placement test for college credit at the end of this course.

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Title: ADVANCED PLACEMENT HUMAN GEOGRAPHY

GradeLevel: 10-12 **Credit:** One half (weighted) **Length of Course:** One year

Content: The course is designed to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth’s surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. The curriculum used is designated by Advanced Placement. Students may be granted college credit depending on the score they receive on the AP exam given in the spring and the policy of the university in which they enroll.

Activities: Will follow the recommendation of the Advance Placement curriculum.

Out of class time required: One to two hours per day is possible.

Evaluation: Tests, quizzes, participation in class and projects. It is recommended that students take the Advanced Placement test for college credit at the end of this course.

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DUAL ENROLLED SOCIAL STUDIES

NOTE: Students are responsible for payment of tuition and purchase of textbooks.

Title: PSY 103 – INTRODUCTION TO PSYCHOLOGY

Grade Level: 12 **Credit:** One-half **Length of Course:** One semester

Content: Psychology is the science of brain, mind and behavior. The introductory course considers the nature of personality including attitudes and beliefs, defensive and coping behavior. Also considered are the processes of learning, memory, thinking and the nature of intelligence and creativity. Attention is given to the psychological measurement of individual differences and to the nature of drives, motives and emotions.

Credit: 3 semester hours of college credit from Sauk Valley Community College.

SPECIAL EDUCATION DEPARTMENT

The following are the courses offered at Sterling High School in the Special Education Department. The student's enrollment into one of these classes is determined by an Individual Education Plan, developed by special education teachers, parents, counselor and the student.

Intro to English/Reading
English 1-2
English 2-3
Pre-Algebra
Vocational Math
Basic Math
Algebra 1
Geometry

World Cultures
Government
US History
Resource Technology
Resource
Health
Consumer Economics

Biology
Science
Vocations
Work Training
TMH
Life Skills
Science Concepts

2009-2010
WHITESIDE AREA CAREER CENTER
Course Descriptions

The following courses meet for two periods per day, all year, and earn two credits. Students may not drop a WACC course after the sixth day of school. Required course materials and fees are listed on pages 41-42.

Auto Service I & II is a one- or two-year program offered to junior and senior students. The first year will provide students with the opportunity to obtain skill training in theory of operation, diagnostic procedures and basic service techniques of lubrication, cooling, batteries, exhaust, shock absorbers, ignition, brakes, charging systems, starting systems, and introduction to computer control. The second year will provide the students with the opportunity to obtain advanced training on components of the automobile including brakes, steering, ignition, electrical systems, engines and transmissions, as well as the use of diagnostic testing equipment.

Auto Technology Work-Based Learning is a two-year classroom and worksite program for juniors and seniors committed to enhancing student opportunities in the auto service area. Juniors will spend 60% of their time in the classroom/lab, and 40% with a mentor at the worksite. Seniors will spend 40% of their time in the classroom/lab, and 60% with a mentor at the worksite. **Students interested in participating in the work-based learning program should see their WACC Instructor regarding criteria and application forms after their Junior year begins.**

Building & Construction Trades is a one- or two-year program offered to junior and senior students. This course provides experiences related to the erection, installation and maintenance of residential buildings and related fixtures. Planned learning activities will allow students to become knowledgeable in fundamental principles and methods to develop technical skills related to masonry, carpentry, and finish work. Instruction will include 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. The students will construct a residential house during the year. Second year students are provided opportunities to advance their skill training.

Child and Day Care Services is a one- or two-year program offered to junior and senior students. The program provides preparation and a practicum for students who are interested in teaching children, such as preschool teachers, teachers' aides, elementary education and social work. Daily activities in the classroom may include videos, readings, and projects to teach children. Students will work on a weekly basis with the children in the laboratory preschool and will observe their behaviors on a regular basis. The practicum includes preschool, kindergarten, lower elementary grades and learning disabilities. Each student will develop a portfolio and complete a six-week work-based learning experience. Second year students will receive additional training from a work-based learning program.

Child Care Work Based Learning In the two-year Child Care program, second year students will go out to work-based learning sites during the last semester of their senior year. First year students will be placed during the last grading quarter of the school year. Students will have some input as to the age of the children with which they work.

Commercial Food Service/Hotel Operations is a one- or two-year program open to juniors and seniors. This course is designed to prepare the student for assistant management and positions including: cook, server, cook's assistant, manager trainee and hotel front desk clerks. Students receive 1 college credit upon earning the Illinois Food Sanitation Certification. Other occupational skills taught include: Care and use of commercial equipment, preparation, service, management, hotel operations, and nutrition. Lab experiences include learning labs, catering events, and internship placement. Second year students earn IDDBA certification management training and are placed in a work-based learning experience to gain additional exposure in the previously mentioned skills.

Commercial Food Service Work-Based Learning In the two-year program, students will be placed with work-based learning partners during the last quarter grading period of each school term.

Computer Technology is a one-or two-year program offered to junior and senior students who want to work with the repair and maintenance of computers **OR** the programming and networking of computers. **The repair and maintenance portion** of this class will prepare students with competencies essential for repairing and maintaining computer hardware and operating systems, as well as simple network concepts. Qualified students may enroll in coursework that may lead to certification as an A+ Computer Technician, or as a Microsoft Certified Professional (MCP) or as a Network+ Network Technician. **The programming and networking portion** of this class encourages first year students to take the Visual Basic/Programming track. Second year students may continue their programming experience with the Java programming language with an eye toward the Advanced Placement A or AB test. They may also choose to develop in-depth projects in the areas of Internet Web authoring, robotics, programmable logic controllers, and computer hardware and electronic interfacing projects. With the instructors permission, second year students may enroll in the Cisco Networking Academy as an independent study option. Qualified students may enroll in coursework that may lead to a Cisco Certified Network Associate (CCNA) or Network+ Certification.

Technology Work-Based Learning is a classroom and worksite program committed to enhancing student opportunities in the technology area. Students will spend some of their time in the classroom and the remaining time with a mentor at the worksite. **Students enrolled in Computer Technology interested in participating in the work-based learning program should see their WACC Instructor regarding criteria and application forms after their junior year begins.**

Criminal Justice is a one- or two- year program designed to train students in various aspects of law enforcement and the legal system. Students will receive instruction in various aspects needed for a career in the criminal justice field. 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, and criminology. Computers are used to enhance the student's learning experiences in the field. Community activities will include internships and job shadowing experiences. The development of employability and transition skills will be included in the course.

Criminal Justice Work-Based Learning is a classroom and worksite program for seniors committed to enhancing opportunities in the criminal justice area. Students must have successfully completed one year of criminal justice. Seniors will spend 20% of their time in the classroom/lab and 80% with a mentor at the worksite. **Students interested in participating in the work-based learning program should see their WACC Instructor regarding criteria and application forms.**

Drafting/Computer-Aided Design is a one- or two-year program offered to junior and senior students. An emphasis in mechanical design (CAD), architectural design (CAD), or computer graphics may be chosen by the student. Second year students gain further exposure to the use of AutoCAD and any unit specific to Mechanical, Architectural and 3 D Studio training.

Technology Work-Based Learning is a classroom and worksite program committed to enhancing student opportunities in the technology area. Students will spend some of their time in the classroom and the remaining time with a mentor at the worksite. **Students enrolled in Drafting/Computer-Aided Design interested in participating in the work-based learning program should see their WACC Instructor regarding criteria and application forms after their junior year begins.**

Graphic Arts Technology is a one- or two-year program offered to junior and senior students. It presents hi-tech digital, video, and print media publishing processes. Photoshop, Final Cut Pro, Illustrator, Maya, Flash, Peck, Media 100, and In Design are used to develop digital media. Students will storyboard, script, light, and shoot video in a television studio. Produce video by editing video clips, mixing sound, and applying special effects. After Effects and Maya 3D are used to create animation. Use the still digital photography studio and production printing facility to make personalized t-shirts, print magazines, stationary, and business cards. Print media includes T-shirt printing as well as magazine and newspaper production. Qualified students will participate in the Technology Partnership program.

Technology Work-Based Learning is a classroom and worksite program committed to enhancing student opportunities in the technology area. Students will spend some of their time in the classroom and the remaining time with a mentor at the worksite. **Students enrolled in Graphic Arts interested in participating in the work-based learning program should see their WACC Instructor regarding criteria and application forms after their junior year begins.**

Health Occupations is a one-year program offered to junior or senior students. It is designed to meet two specific needs: 1) prepare high school students to function effectively as a Certified Nurse's Aide (CNA) in a hospital, extended care facility, or nursing home after successfully passing the CNA State Exam: 2) serve as basic preparation for students planning a career in one of the health fields.

Health Careers Work-Based Learning is a classroom and worksite program seniors committed to enhancing student opportunities in the health occupations area. Students must have successfully completed one year of health occupations, and received their C.N.A. certificate. Seniors will spend 20% of their time in the classroom/lab, and 80% with a mentor at the worksite. **Students interested in participating in the work-based learning program should see their WACC Instructor regarding criteria and application forms after their junior year begins.**

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.

Machine Tool Opportunities Program Work-Based Learning is a two-year classroom and worksite program for juniors and seniors committed to enhancing student opportunities in the machine trades area. Juniors will spend 60% of their time in the school lab working on projects similar to those in Machine Technology and 40% with a mentor at the worksites. Seniors will spend 40% of their time in the classroom/lab and 60% with a mentor at the worksite. **Students interested in participating in the work-based learning program should see their WACC Instructor regarding criteria and application forms after their junior year begins.**

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.

COURSE	DESCRIPTION	ADDITIONAL REQUIRED OPTIONS	
AUTO SERVICE 1	Lab Fee (workbooks, safety glasses, and other incidental items used to operate the class)		\$25.00
AUTO SERVICE 2 and AUTO TECH WBL	Lab Fee (workbooks, safety glasses, and other incidental items used to operate the class)		\$25.00
*BUILDING TRADES 1	25' Tape Measure		\$10.00
	Hammer		\$8.00
	Square		\$6.00
	Knife		\$3.00
	Nail Pouch		\$3.00
	Safety Glasses		\$3.50
			\$33.50
*BUILDING TRADES 2	Same as Building Trades 1 and:		
	Four-in-One Screwdriver		\$4.00
	Nail Set		\$3.00
	Chalk Line		\$4.00
			\$11.00
*CHILD CARE 1 & 2	Misc. Supplies		\$10 - \$15
	SVCC Workbook – 1 st Semester		\$28.00
	SVCC Workbook – 2 nd Semester		\$20.00
			\$58 - \$63
*COMPUTER REPAIR & MAINTENANCE	Tool Kit (optional)		\$20.00
		\$0.00	\$20.00
*DRAFTING	Math proficiency fee		\$30.00
			\$30.00
*FOOD SERVICE	Supplies (aprons, latex gloves, hairnet, food supplies)		\$20.00
	State Certification Study Guide		\$1.00
			\$21.00
*GRAPHIC ARTS	X-acto Knife		\$4.00
	Photoprints (if student specializes in photography)	\$15 - \$75	
	Headphones		\$5.00
		\$24 - \$84	\$9.00
HEALTH OCCUPATIONS 1	Uniform (2 scrub tops with WACC patch)		\$30.00
	TB Test (2 step)		\$16.00
	Hepatitis Immunization (3 separate injections)	\$24.00	
	State Test (if requirements are met)		\$50.00
	CPR Training		\$15.00
	Criminal Background Check		\$15.00
		\$150.00	\$126.00
	All White Shoes Also Required		
*HEALTH OCCUPATIONS 2	Annual TB Test		\$8.00

COURSE	DESCRIPTION	OPTIONAL	REQUIRED
*MACHINE TRADES	Safety Glasses		\$3.50
	6" Scale		\$1.00
	Tape Measure		\$5.00
	Center Drill (3)		\$2.00
	Micrometer/Vernier Caliper		\$30.00
	Allen Wrench Set		\$3.50
			\$45.00
*WELDING	Safety Glasses		\$3.50
	Welding Hood (highly recommended)		\$20.00
	Tape Measure		\$5.00
	Welding Gloves		\$5.00
	Allen Wrench Set		\$3.50
	Long Sleeved Shirt or Shop Coat		
			\$37.00

***This is an estimated cost of items needed for this class. This is not a fee collected by the instructor.**

COURSE	DESCRIPTION	FEE
BUSINESS TECHNOLOGY AND ARTS		
3 D STUDIO 1 (CERAMICS)	Lab Fee and Supplies	\$30.00
3 D STUDIO 2 (CERAMICS)	Lab Fee and Supplies	\$30.00
CLOTHING AND TEXTILES 1	Materials and Supplies for 4 projects	\$5.00 - \$40.00
CLOTHING AND TEXTILES 2, 3, 4	Materials and Supplies for 4 projects	\$20.00 - \$50.00
CLOTHING AND TEXTILES 1-4	Embroidery Projects	\$2.00
Clothing and Textiles 1 - 4, students must provide his/her own hand sewing equipment.		
WEB DESIGN	Lab Fee	\$30.00
MOTION GRAPHICS	Lab Fee	\$30.00
DIGITAL PUBLISHING	Lab Fee	\$30.00
DRAWING	Lab Fee	\$30.00
FOODS AND NUTRITION 1 AND 2	Food Supplies	\$30.00
DIGITAL DRAWING	Lab Fee	\$30.00
FILM AND VIDEO	Lab Fee	\$30.00
GRAPHIC DESIGN	Lab Fee	\$30.00
MEDIA ARTS	Lab Fee and Supplies	\$30.00
MULTIMEDIA	Lab Fee	\$30.00
PAINTING	Lab Fee	\$30.00
IMAGE AND SOUND	Lab Fee	\$30.00
DIGITAL PHOTOGRAPHY	Lab Fee and Supplies	\$30.00
3-DIMENSIONAL INDEPENDENT STUDY	Lab Fee	\$30.00
2-DIMENSIONAL INDEPENDENT STUDY	Lab Fee	\$30.00
2-DIMENSIONAL INDEPEND STUDY-Tech Zone	Lab Fee	\$30.00
DRIVER EDUCATION		
DRIVER EDUCATION	Lab Fee	\$250.00
	State Permit Fee	\$20.00
PERFORMING ARTS		
J/V AND VARSITY CHOIR	Participation Fee	\$50.00
CONTEMPORARY CHOIR		
BAND		
ORCHESTRA		
Students pay only \$50.00 per year regardless of the number of Performing Arts classes that they participate in.		
SCIENCE		
ACCELERATED BIOLOGY	Lab Fee	\$30.00
BIOLOGY	Lab Fee	\$30.00
PHYSICAL SCIENCE	Lab Fee	\$30.00
CHEMISTRY	Lab Fee	\$30.00
ACCELERATED CHEMISTRY	Lab Fee	\$30.00
PHYSICS	Lab Fee	\$30.00
ADVANCED LIFE SCIENCE	Lab Fee	\$30.00
CHEMISTRY 2	Lab Fee	\$30.00
ADVANCED PLACEMENT CHEMISTRY	Lab Fee	\$30.00
ADVANCED PLACEMENT BIOLOGY	Lab Fee	\$30.00