Sterling High School Course Descriptions

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***REQUIREMENTS FOR HIGH SCHOOL GRADUATION* : 22 credits** (Class of 2013 & Beyond)

Credits	*Requirements*
4	English
3	Mathematics *
2	Science
½	Elective Social Studies
1	United States History
½	Government **
½	Economics (Consumer Ed.)
½	Health
½	Driver Ed or another ½ Credit of Physical Education
3	Physical Education ***
1	Business, Technology & The Arts or WACC or Foreign Language
5 ½	Electives

* 1 credit must include Algebra and 1 credit must include Geometry
** A passing grade in government requires passing the Constitution Test
*** Unless a doctor's statement of disability or approved exemption form is filed
Note: College preparation requires 4 years of English, 3-4 years of Math (through Algebra2), 3-4 years of Science, 3 years of Social Studies, 2 years of a Foreign Language

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		

AGRICULTURE

TITLE: INTRODUCTION TO THE AGRICULTURAL INDUSTRY
Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One Year

Type of Course: Elective

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

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TITLE: AGRICULTURAL BUSINESS AND MANAGEMENT (Satisfies state consumer economics requirement)
Grade Level: 11, 12 **Credit:** One **Length of Course:** One Year

Type of Course: Elective

Content: This course will develop students' understanding of the agricultural industry relating to the United States and World marketplace. Instructional units include: business ownership types, planning and organizing the agribusiness, financing the agribusiness, keeping and using records in an agribusiness, operating the agribusiness, agricultural law, taxes, and developing employability skills. Student skills will be enhanced in math, reading comprehension, and writing through agribusiness applications. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

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Title: ***AGRICULTURAL BIOTECHNOLOGY***
Grade Level: 11, 12 **Credit:** 1/2 **Length of Course**: Semester **Content** (ISBE ID:18308A001): This course examines the agricultural applications of biotechnology, the use of living organisms to solve problems or make useful products. Applications include technologies used in bioprocessing, cell/tissue culture, genetic and protein engineering. Specific units of instruction include: impacts of biotechnology, genetics, and biotechnology in plant, animal, and microbial science. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

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Title: ***AGRICULTURAL ENVIRONMENTAL SCIENCE***
Grade Level: 10, 11 & 12 **Credit:** 1 **Length of Course**: One Year
Content (ISBE ID:18504A001): This course examines the relationship of agriculture and the environment. The impact of plant and animal production practices on the environment and the adoption of practices leading to improved air, land, and water quality are investigated. Areas of emphasis include: types of ecosystems, management of waste, chemical use, soil conservation, land uses and regulations, and water and air quality. Encouraging students to be conscious and concerned about the environment and recognizing the need to conserve the environment and its resources will be a theme throughout. Careers of environmental technicians, soil and water conservationists, monitoring field technicians, land surveyor, and related occupations will be examined. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

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Title: ***AGRONOMY***
Grade Level*:* 10, 11 & 12 **Credit:** 1 **Length of Course:** One Year
Content (ISBE ID:18051A003): This course is designed to provide students with the knowledge and skills necessary for future employment in the agronomy or related industries. Major units of instruction include scientific method, cellular biology, genetics, biotechnology, soil classifications, soil erosion and management, soil fertility, plant classification, plant anatomy and physiology, plant propagation, plant growth, integrated pest management, grain, oil, forage, sugar, and fiber crop production methods, grain quality, grain storage, and grain transportation. Applied science and math skills and concepts will be stressed throughout the course as they relate to each area. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

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Title: ***VETERINARY TECHNOLOGY***
Grade Level: 10, 11 & 12 **Credit:** 1 **Length of Course:** One Year
Content (ISBE ID:18105A001): This course will develop students' understanding of the small and companion animal industry, animal anatomy and physiology, animal ethics and welfare issues, animal health, veterinary medicine, veterinary office practices, and animal services to humans. Career exploration will focus on veterinarian, veterinary lab technicians, office lab assistant, small animal production, research lab assistant, and animal nutrition lab technician. Improving computer and workplace skills will be a focus. Participation in FFA student organization activities and Supervised Agricultural Experience (SAE) projects is an integral course component for leadership development, career exploration and reinforcement of academic concepts.

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BUSINESS, COMPUTER SCIENCE, TECHNOLOGY, AND THE ARTS

Title: ***2D 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 completed 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.

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Title*:* ***2D ART I-FUNDAMENTALS***
Grade Level: 9, 10, 11, 12 **Credit:** One-half **Length of Course**: One semester
Content: An introductory course in 2D art focusing on the use of the Elements of Art. Focus on the Elements of Art and the acquisition of skills in drawing and painting in a variety of art media, as well as an introduction to art history, aesthetics, and art criticism.
Prerequisite: None
Activities: Students will use various drawing and painting media and processes to produce a variety of original artwork, view, evaluate and discuss a variety of historical artworks, and begin to document their own artwork using digital media.
Evaluation: Project evaluation, daily participation, growth, craftsmanship, and originality, as well as the creation and maintenance of a basic portfolio and assignment binder, as well as the successful completion of all written work (worksheets, tests, quizzes).

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Title: ***2D ART II-DESIGN PRINCIPLES***
Prerequisite: 2D Art I-Fundamentals
Grade Level: 9, 10, 11, 12 **Credit**: One-half **Length of Course**: One semester
Content: An intermediate course in 2D art focusing on the use of the Principles of Design. Focus on Composition in observational and expressive Drawing and Painting, as well as skill acquisition in new media, art history and art criticism. Emphasis is placed on how to deal with creative thought processes and the formulation of new ideas.
Prerequisite: 2D Art I-Fundamentals OR CONSENT OF INSTRUCTOR
Activities: Students will use various drawing media and processes to produce a variety of original artwork. They will view, evaluate and discuss a variety of historical artworks, and continue to document their own artwork using digital media.
Evaluation: Project evaluation, daily participation, growth, craftsmanship, originality, portfolio development and written work.

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Title: ***2D ART III-ADVANCED CONCEPTS***
Prerequisite: 2D Art II-Design Principles
Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course**: One semester

Content: An advanced course in focusing on experimentation with various 2D media such as Photography, Painting (acrylics, oils, tempera, gouache), and Printmaking. Focus on the communication of personal, social, and other advanced concepts and portfolio building in preparation for enrollment in AP Studio Art.
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, growth, craftsmanship, originality, portfolio development and written work.

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Title: *2D INDEPENDENT STUDY*
Prerequisite*:* Art I, II, and III as well as at least one other Art Course (3D Studio, Tech Zone, etc.) AND Instructor Permission
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 other Art courses. 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.

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Title: *3D ART I*
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. Units focus on the creation of both functional and decorative art, in a variety of materials (ceramics, plaster, glass, metal, etc.)
Activities: Students will use various techniques to produce a variety of functional pottery (ceramics) and fused glass, as well as plaster and other materials to create original sculpture in the round. They will view, evaluate and discuss a variety of historical artworks, and begin to document their own artwork using digital media.
Evaluation: Project evaluation, daily participation, growth, craftsmanship, originality.

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Title: *3D ART II*
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, and the further exploration of advanced hand building techniques as well as the use of glass, metal, and other materials.
Activities: Students will throw on the wheel, create advanced hand built ceramic vessels, and continue the exploration of glass and metal as well as alternative materials. They will view, evaluate and discuss a variety of historical artworks, and begin to document their own artwork using digital media.
Evaluation: Project evaluation, daily participation, growth, craftsmanship, originality, portfolio development and written work.

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Title: *3D INDEPENDENT STUDY*
Prerequisite: 3D Art 1 and 2 AND 2D Art 1 as well as Instructor Recommendation
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 Art, as well as at least one other Art course, and are interested in developing a deeper understanding and use of art medias and technique. 3D Advanced Studio is offered to highly motivated students and is intended to offer and portfolio development to students who have the intention of pursuing Visual Arts beyond High School or in preparation for enrollment in AP Studio Art.
Activities: Individualized.
Evaluation: Individualized

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Title: *AP STUDIO ART*
Grade Level: 10, 11, 12 **Credit:** One **Length of Course**: One OR Two years
Prerequisite: Drawing/2D Section: Successful completion of 2D Art I-III as well as Digital Drawing, Digital Photography, or other Tech Zone course. 3D Section: successful completion of 3D Studio 1, 3D Studio 2 as well as Art I and a Tech Zone class.
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

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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 placed within the ensemble according to ability.
Content: Education and performance of standard band literature including marching band and concert 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 in band and lessons, and performance attendance.

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Title: **COMPUTER PROGRAMMING -** ***SWIFT***
Grade Level: 9, 10, 11, 12 **Credit:** One Half **Length of Course:** One semester
Prerequisite: None
Content: Learn how to create IPhone apps using Swift. This course will go over the fundamentals of the Swift language using Xcode, then move into projects focusing on playgrounds, variables, constants, loops and functions.

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Title: ***INTRODUCTION TO COMPUTER SCIENCE***
Grade Level: 9, 10, 11, 12 **Credit:** One Half **Length of Course:** One semester
Prerequisite: None
Content: This serves as the *first* course students should take if they would like to explore the area of computer programming. No prior experience in computer science is needed. This class will introduce programming thought processes using MIT App Inventor 2. The students will create simple games and productivity apps that can be installed on any Android phone or tablet. As students gain confidence in programming techniques, the content will shift to learning the Python programming language. (note: This class is directed towards first time programmers, it is not intended to be taken by students who have take other programming classes at the high school level.)

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Title: ***AP COMPUTER SCIENCE PRINCIPLES***
Grade Level: 9, 10, 11, 12 **Credit:** One (weighted) **Length of Course:** One year
Prerequisite: Introduction to Computer Science of Algebra 2 or concurrent Algebra 2
This course complements AP Computer Science as it aims to broaden participation in the study of computer science.

The courses underscore the importance of communicating solutions appropriately and in ways that are relevant to current societal needs. AP Computer Science courses can help address traditional issues of equity, access, and broadening participation in computing while providing a strong and engaging introduction to fundamental areas of the discipline.

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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: Media Arts
Content: The first half of the course will focus on the fundamentals of painting in Photoshop. Working from observations (photographs, paintings and movie stills) students will learn to create color palettes, how to make brush strokes, understand value and use lighting and rendering to complete a composition or character. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. 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 a computer. The software used includes Adobe Photoshop and Corel Draw. Digital Drawing may receive dual credit through Sauk Valley Community College and is required for the Graphic Design Specialist Certificate at Sauk Valley Community College.
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 –Media Arts, Digital Drawing, Digital Photography, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Interactive Media.

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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: Media Arts
Content: This studio course focuses on using the camera in controlled studio environment and enhancing photographs in Adobe Photoshop. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. Students taking Digital Photography will become very familiar shooting professional digital cameras. You will learn the concepts of camera control, lighting and composition for photography. File management, compression, image manipulation, and printing will be included. In-depth work with Photoshop for image manipulation is at the core of this course. The software used includes Adobe's Photoshop. Digital Photography may receive dual credit through Sauk Valley Community College and is required for the Graphic Design Specialist Certificate at Sauk Valley Community College.
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 –Media Arts, Digital Drawing, Digital Photography, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Interactive Media.

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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: Media Arts
Content: So you want to cut a really nice "youtube" video or "pod cast", cut video for television or commercials, or put together a feature length film, then this is the class that you want to take. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. Posting video on "youtube" is fun, but all of you should consider that video for the web and hand held devices is becoming a prime way to communicate and even get a scholarship or a job. Video is becoming as prevalent as desktop publishing. As you search "youtube" pay attention to the shear numbers of posts, types of posts and what attracts the greatest number of hits. How much video do you watch each day? Someone is creating it; it could be you! Think about your portfolio or highlight tape. Are you ready to cut the best one that you can? We will teach you how on professional editing equipment. The software used includes Adobe's Photoshop, and Apple's Final Cut Pro and Sound Track Pro. Film and Video may receive dual credit through Sauk Valley Community College and is an elective for the Digital Media Arts Certificate at Sauk Valley Community College.
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 –Media Arts, Digital Drawing, Digital Photography, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Interactive Media.

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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. Students will leave Foods I with a cookbook of all of the recipes they prepared in class.
Activities: Discussion, lecture, reading and charts, presentations, research in the computer lab, laboratory experiences, demonstrations, videos.
Evaluation: Lab work, tests, demonstration, class/group participation, projects, products, and recipe binder.

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Title: ***FOODS AND NUTRITION 2***
Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One semester
Prerequisite: Foods and Nutrition 1 with at least an A, B, C, or D.
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. Students have the ability to pick several recipes to prepare during the semester using Internet recipe websites. 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: Discussion, using computers to research recipes and topics related to class, reading and charts, laboratory experiences.
Evaluation: Lab work, tests, class/group participation, recipe binder, projects and products.

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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: Media Arts and Digital Drawing
Content: If you are an artist thinking about becoming a Graphic Designer, Fashion Designer, Interior Designer, Web Designer or any other visual designer you should take this course. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. Students taking Graphic Design will be exposed to design considerations used for static images found in print and web design. You will be working with the design concepts of Gestalt Psychology, color theory, typography, grids, composition and visual unity. You will be designing logo's, brochures, magazine layouts, web pages, DVD covers and other two dimensional products. The software used includes Adobe's Photoshop, Illustrator, and InDesign. Graphic Design may receive dual credit through Sauk Valley Community College and is required for the Graphic Design Specialist Certificate at Sauk Valley Community College.
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 –Media Arts, Digital Drawing, Digital Photography, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Interactive Media.

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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: Media Arts and Digital Photography
Content: If you think that music composing and recording, mixing sound, sound reinforcement on the road and in concert halls and arenas, shooting cameras for the music, film and entertainment business, then this is the class you should take. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. Image and Sound is designed as a production class for Film and Video and the music industry. You will use still cameras, video cameras, booms and microphones, mixing boards, lighting, video switchers, green screen, keyboards, drum machines, along with mixing and composing software. If you want to be the director, art director, create sound effects for animation, score music and dialog for film then take this course! The software used includes Adobe's Photoshop, and Apple's Final Cut Pro and Logic. Image and Sound may receive dual credit through Sauk Valley Community College and is required for the Graphic Design Specialist Certificate at Sauk Valley Community College.

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 –Media Arts, Digital Drawing, Digital Photography, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Interactive Media.

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Title*:* ***INTERACTIVE MEDIA (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: Media Arts and Film/Video
Content: You have been working on your web sites and like the interactive nature of the web, gaming, DVD's and touch screens. Perhaps you need a portfolio for college or to show off your work skills. This class is for you! Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. You will continue to work in Flash to learn how to control the screen. You will learn to create and prepare assets for publication to the web. The software used includes Adobe's Photoshop, Flash and Dreamweaver. Interactive Media may receive dual credit through Sauk Valley Community College and is an elective for the Digital Media Arts Certificate at Sauk Valley Community College.
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 –Media Arts, Digital Drawing, Digital Photography, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Interactive Media.

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Title: ***CHOIR 9-10***
Grade Level: 9,10 **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. Repertoire will cover a variety of styles and time periods.
Activities: Full ensemble singing and select festival participation
Out of Class Time Required: Four concerts per year and community performances by request.
Evaluation: Student participation and demonstration of singing proficiency, 4 Concerts per year, sight singing, and written and aural assessment on music lessons taught in class.

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Title: ***CHOIR 11-12***
Grade Level: 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: Full ensemble singing, sectional work, several public performances, and festival participation.
Out of Class Time Required: Four concerts per year, select festival participation, as well as performances at community request.
Evaluation: Student participation and demonstration of singing proficiency, written assessment music lessons taught in class, concert performance and sight singing.

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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.
Prerequisite: None
Content: If you think that entertainment, social media, the internet, and video on the web is the way you would like to earn a living then this class is for you. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. This is the first course usually taken in the Tech Zone and is a prerequisite for many other courses. Media Arts will continue exploring the different ways we communicate and entertain, but will introduce students to professional software that business and the entertainment industry uses to communicate and entertain on a global scale. You will learn to create files using the correct programs so that you can assemble them for print and the web. You will

learn to prepare images for assembly programs and move files to different locations on the internet. You will learn how to use video cameras, record sound and shoot clips to be assembled in professional video editing software. You will learn to use mixing boards and video switchers as you work with "green screen". The software used includes Adobe's Photoshop, Illustrator, Flash, InDesign and Apple's Final Cut Pro. Media Arts may receive dual credit through Sauk Valley Community College and is required for the Graphic Design Specialist Certificate at Sauk Valley Community College.
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 –Media Arts, Digital Drawing, Digital Photography, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Interactive Media.

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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: Media Arts and Digital Drawing
Content: If you like animation, cartooning, web graphics, motion graphics for film and television then this is the course that you should take. Careers depending heavily on these skills include Marketing, Sales, Education, Recruitment, Communications, Computer Technology, Travel, and Entertainment. Working in Flash, you will learn to create the drawings and story boards, make the object move and interact with the background, prepare music, dialog and sound effects for your story board, and publish to the web. Flash is vector based and geared towards web and animation for television and film such as "South Park" , "UP" and Nickelodeon. After Effects is geared towards bit mapped motion graphics for film and television such as opening credits and special effects. The software used includes Adobe's Photoshop, Illustrator, Flash, and After Effects. Motion Graphics may receive dual credit through Sauk Valley Community College and is an elective for the Digital Media Arts Certificate at Sauk Valley Community College.
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 –Media Arts, Digital Drawing, Digital Photography, Graphic Design, Image and Sound, Motion Graphics, Film and Video or Interactive Media.

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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.

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Title: ***ADVANCED PLACEMENT MUSIC THEORY***
Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One year
Content: The AP Music Theory course corresponds to one or two semesters of a typical introductory college music theory course that covers topics such as musicianship, theory, musical materials, and procedures. Musicianship skills, including dictation and other listening skills, sight singing, and harmony, are considered an important part of the course. Through the course, students develop the ability to recognize, understand, and describe basic materials and processes of tonal music that are heard or presented in a score. Development of aural skills is a primary objective. Performance is also part of the curriculum through the practice of sight singing. Students understand basic concepts and terminology by listening to and performing a wide variety of music. Notational skills, speed, and fluency with basic materials are also emphasized.

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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.

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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 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 Instruction (6 Hours). The units of instruction include: Rules of the Road, Basic Car Control, Vehicle Maintenance, Distracted Driving, Insurance, Alcohol Physiology and Legislation, Sharing the Road with Other Users.
Activities: Lectures, DVD and YouTube segments, guest speakers, Drunk Driving presentation by Sterling Police Department, and Behind the Wheel experience. Students need to complete 12-15 drives.
Evaluation: Quizes, Tests, use of technology, projects, and Drivers Final Road Test.
PLEASE NOTE: Due to attendance requirements, this class cannot be added after the 5th day of class. Upon the 8th absence from Driver Education a student will be dropped from the course and assigned to a study hall for the remainder of the semester. The student's permit will also be cancelled. Behind the Wheel driving will be scheduled during the school day, before and after school, and on Saturdays to meet driving requirements.

ATTENTION PARENTS/GUARDIANS:
All student fee accounts must be paid up before students are submitted to the Secretary of States office and the Illinois State Board of Education

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ENGLISH DEPARTMENT

Title: ***CRITICAL READING***
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.

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Title: ***ENGLISH 1***
Grade Level: 9 **Credit:** One **Length of Course:** One Year
Content: English 1 develops essential analytical writing skills covering claim, evidence, and analysis, as well as narrative writing skills covering. Course content studies the various genres [visual and auditory] of short story, drama, novel, and non-fiction. In addition, the course challenges students to improve their ability to analyze tone, make inferences, and conduct research. Vocabulary and grammar [parts of speech, commas/semi-colons, italics/underlining, apostrophes/quotations] work will also be included in daily studies.
Activities: Daily homework assignments, lectures, cooperative group activities.
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.

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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, with a focus on world literature and author's craft, helps develop skills on both the literal and interpretive levels. A strong focus for this year is the mastery of compositional skills demonstrating mastery of organization, support, and mechanics. The course includes

analytical writing that demonstrates the student's skills in grammar, synthesis, and citation. The research process is introduced both formally and through informal means using technology.
Activities: Reading, discussion, group work, writing, and exercises in vocabulary.
Out of Class Time Required: One to three hours per week.
Evaluation: Class participation, quizzes, tests, essays.

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Title: ***ENGLISH 3***
Grade Level: 11 **Credit:** One **Length of Course:** One year
Prerequisite: English 1, English 2
Content: Students will be assigned a project on researching and teaching one ISM of American Literature, and, as a class, reading texts (short stories and essays) found within all of the ISM's in American Literature: Puritanism, Dark Romanticism, Transcendentalism, Realism, Modernism, etc. An "ism" is defined as "a distinctive doctrine, theory, system, or practice."
The class is a survey course in that we will be studying these movements chronologically. Extended texts for English III include The Great Gatsby and The Crucible. Class will also include extensive study in Grammar and prepare students for the English portion of the ACT exam.
Out of Class Time Required: 1.5 hours per week.
Other forms of evaluation: Vocabulary study, in-class and out of class writing activities, worksheets, group activities.

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Title: ***ENGLISH 4***
Grade Level: 12 **Credit:** One **Length of Course:** One year
Prerequisite: English 1, English 2, English 3
Content: This course is a thematic study of texts of various genres, including extended texts, short stories, essays, poetry, drama, and film. The units are designed to address issues related to self: factors related to the formation of identity, steps to ensure success in future endeavors, and how one's self identity will be projected in life beyond high school. The study of texts is designed to increase their analytical skills and writing abilities, and, work focuses on increasing students ability to create an argument and defend it effectively. Students' reading of advanced texts is supported through grammar instruction and reading strategies (e.g., annotation, graphic organizers, and group discussion).
Activities: Reading, writing, speaking, and projects
Out of Class Time Required: Three to four hours per week
Evaluation: Tests, quizzes, writing, and projects

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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: Accelerated English 1 develops essential skills in analytical writing. Course content studies the various genres of short story, drama, novel, and non-fiction. The course challenges students to improve their narrative and analytical writing, while focusing on a variety of organizational patterns for texts. Students will be introduced to research. Vocabulary and skill work will also be included in daily studies. Students will read one college-bound book per quarter and begin to learn material that will is necessary for success in future AP courses.
Activities: Daily homework assignments, writing both short and extended texts, cooperative group activities.
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.

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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. Students will be exposed to classic and contemporary literature and short stories while exploring rhetorical skills and terminology as it applies to various texts. Students will continue to hone their skills in identifying valid online sources through various research projects and papers. Students will be expected to complete monthly book reports on canonical texts in preparation for AP courses junior and senior year.
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.

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Title: ***ADVANCED PLACEMENT LANGUAGE & COMPOSITION***
Grade Level: 11, 12 **Credit:** One (weighted) **Length of Course:** One year
Prerequisite: Accelerated English 1, Accelerated English 2 (Encouraged but not required)
Content: Advanced Placement English Language is a study of rhetoric, including both written and non-written (visual and auditory) texts. Emphasis is on the rhetorical techniques writers employ to make their arguments effective. Students will study and write the three free-response modes on the AP exam in May: synthesis essay, analysis essay, and argument essay. Topics covered in this course include foundations of culture and citizenship, crime and justice in society, medical science and science technology, identity and gender, and others.
Activities: class discussions, critical thinking activities including individual and group revision activities, vocabulary, grammar, in-class essays and out-of-class writing activities, research, speech and debate.
Out of Class Time Required: Three-five hours per week, practice exam, AP exam
Evaluation: Writing assignments, quizzes, tests, projects, seminars, class discussions, and speeches

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Title: ***ADVANCED PLACEMENT ENGLISH LITERATURE AND COMPOSITION***
Grade Level: 12 **Credit:** One (weighted) **Length of Course:** One year

Prerequisite: AP Language
Content: Students learn to write compositions drawn from literature. Students write timed compositions and learn to evaluate these papers. Students write longer compositions that include research and multiple drafts. Students 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 read a novel and write a paper in the summer to be prepared for the beginning of school. 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 to develop as a community of learners.

"The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works."

Activities: Reading, writing, large and small group discussions, independent projects, group projects, AP exam preparation
Out of Class Time Required: 3-4 hours per week
Evaluation: Done with AP College Board approved rubrics

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Title*:* ***FUNDAMENTALS OF ENGLISH***
Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One year
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, basic vocabulary and reading. 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

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Title: ***SHORT STORIES***
Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One Semester
Content: This class includes both *reading* short stories to explore their strength as a work of brevity, as well as *writing* about the texts themselves. The "short stories" read would include an examination of a variety of genres from various well-reputed, published authors. The class includes both "analytical" elements by asking and answering essential questions and "critical thinking" elements as students develop speaking and listening skills throughout class discussions. Students will be introduced to short stories across genres:

Horror, Detective Fiction, Fantasy, Science Fiction, African American literature and stories written by female authors.
Activities: Weekly critical questions, analysis essays, cooperative student-lead discussions and in-class activities.
Out of Class Time Required: One to two hours per week.
Evaluation: The student will be evaluated on weekly assignments, writings, participation in class activities/projects, discussions, and performance projects.

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Title*:* ***PUBLICATIONS***
Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One Year
Prerequisite: English 1
Content: This course will focus on the communication and technical skills required to publish the school newspaper and yearbook. 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 software for both the newspaper and yearbook publishing web sites. Students will also learn the basics of broadcast journalism and begin to develop and produce news packages.
Activities: Students will plan and design the content of the school newspaper and yearbook, 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.

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Title*: PUBLICATIONS 2/BROADCAST*
Grade Level: 9, 10, 11, 12 **Credit:** One **Length of Course:** One Year
Content: This course will focus on the communication and technical skills required to produce school news broadcasts and a digital yearbook. Students will learn the fundamentals of mass media theory, writing for the ear, editing news script, video editing, camera operation, and news show production. Information gathering tools covered will include interviewing and searching both paper and electronic files.
Activities: Students will plan and design the content of the school broadcasts and digital yearbook, develop that content, refine it, and publish it. That process will require working individually and in small groups, researching topics, writing and editing stories, photographing and interviewing subjects, and organizing all the components of each publication. Students will also create a video public service announcement for an issue that high school students face.
Out of Class Time Required: As assigned by Instructor
Evaluation: Students will be evaluated on their ability to work with others, number of assignments completed, the thoroughness of their work, and the quality of the finished products.

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Title: ***ANALYSIS OF ARTISTS' LYRICS***
Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One Semester
Prerequisite: English 1
Content: Students will participate in reading and listening to musical lyrics to explore the literary techniques and devices musicians and song writers use, along with analytical writing about the musicians' choices, and students creatively writing lyrics. Song selections would be based on musical genres; students would develop both an understanding of the context from which the songs came and the musicians' use of specific literary techniques and devices. The class will require students to complete close readings of the text, discuss the merits of various genres of music, and develop an understanding of how music has changed over time, while remaining the same. Methods of instruction include teacher led presentation of information and discussion, student led presentations and discussion, research opportunities, analytical writing, creative writing and a final exam, which will include identification of literary devices and techniques in song and analytical writing regarding literary devices and techniques in song.
Activities: Reading, writing, speaking, and projects
Out of Class Time Required: One to two hours per week
Evaluation: Tests, quizzes, writing, and projects

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Title: ***SPEECH***
Grade Level: 10,11, 12 **Credit:** One-half **Length of Course:** One Semester
Prerequisite: None
Content: Oral communication is an essential tool for success in our society. This course provides the student with knowledge of the basic elements of speech giving and takes the student through preparation and delivery of speeches. The speeches themselves vary

in subject and time length. By the end of the semester, the student has mastered the elements of speech giving which would include eye contact, voice inflection, body use and structure. Each student delivers up to 12 speeches a semester of varying time and subject.
Activities: Journals, personal narratives, creative writing prompts, focused revisions, conferences, speaking prompts, impromptu speeches
Out of Class Time Required: Three hours per week.

Evaluation: A narrative writing scoring guide will be used for student products, as well as self-evaluations.

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Title*:* ***CREATIVE WRITING***
Grade Level: 10,11, 12 **Credit:** One-half **Length of Course:** One Semester
Prerequisite: English 1
Content: Creative Writing is designed to introduce students to narrative writing and to help them develop an appreciation for how style and content contribute to the power, persuasiveness, or beauty of a text. Students will participate in daily writing and reading in a collaborative environment that fosters student voice.
Activities: Journals, personal narratives, creative writing prompts, focused revisions
Out of Class Time Required: Three hours per week.

Evaluation: A narrative writing scoring guide will be used for student products

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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 2***
Grade Level: 10, 11, 12 **Credit:** One **Length of Course:** One year
Prerequisite: Passed French 1 with a "C" or better both semesters (or by teacher recommendation).
Content: Expansion of the basic skills learned in French 1, with emphasis on the spoken language structure. French is the only language spoken in the classroom by both students and teacher. Cultural study focuses on fashion, family, and daily activities and pop culture.
Activities: Vocabulary learned through dialogues, stories, and activities meant to mimic real life sceneries. Supplementary aids include online activities 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 quizzes, projects, tests and homework.

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Title: ***ADVANCED FRENCH: LEVELS 3 & 4***
Grade Level: 11, 12 **Credit:** One **Length of Course:** One year
Prerequisite: Passed French 2 or 3 with a "C" or better both semesters (or by teacher recommendation).
Content: Course consists of two semesters each focusing on a theme from the AP test: Global Challenges, Beauty and Aesthetics, Personal and Public Identities, and Science and Technology. There is an emphasis on interpreting authentic materials, as well as using discussion and presentational techniques to communicate information and opinions about the previously listed topics. French is the only language spoken in the classroom. Goal is to prepare students for real life language use and college level French.
Activities: Individual or small group work. Supplementary aids include the use of books, magazines, podcasts, music videos, brochures, newspaper articles, short stories, poetry, plays, as well as online resources for homework assignments, learning and research.
Out of Class Time Required: A minimum of three - four hours per week.
Evaluation: Based on oral and written quizzes, tests, presentations, projects, and homework.

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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. An introduction of cultural and geographical aspects of 20 Spanish-speaking countries is achieved through readings, films, and presentations.
Activities: Study of pronunciation, grammar, and vocabulary through textbook resources, on-line resources, and video. At least one tape per lesson/unit studied in the language lab. Supplementary materials/activities include tutorial sites, enrichment activities and cultural discussions.
Out of Class Time Required: Varied, about two hours per week.

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

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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 and on-line resources. Reading and discussion are emphasized, and students generate more of their own writing/dialogues. Tapes and on-line resources 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.

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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.

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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.

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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, and guest speakers.
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.

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MATHEMATICS DEPARTMENT

Title: ***COLLEGE READINESS MATH***
Grade Level: 9 **Credit:** One **Length of Course:** One Year
Content: This course focuses on developing basic skills and filling gaps in mathematical understanding.
Activities: Gradpoint, an individualized/self-paced online math program, used 4-5 days a week and other classroom work deemed

necessary by the instructor.
Out of Class Time Required: None
Evaluation: The student will be evaluated on unit post-tests in Gradpoint, weekly completion goals in Gradpoint, and participation in class.

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Title: ***ALGEBRA 1***
Grade Level: 9 **Credit:** One **Length of Course:** One year
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. The primary topics are arithmetic with polynomials and expressions, creating equations, inequalities, and graphs of functions, and heavily focuses on reasoning with equations and inequalities. Students are also required to communicate mathematically by constructing viable arguments and critiquing the work of others. Course integrates technology with the regular use of graphing calculators. The students are expected to complete all assignments to master the Algebra 1 content.
Activities: Activities for this class include whole class instruction, discussion, small group instruction, and projects.
Out of Class Time Required: A minimum of four to five hours per week.
Evaluation: Performance on homework, projects, quizzes, and unit tests
Recommended Technology: TI-83Plus or TI-84 Graphing Calculator

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Title: ***ACCELERATED GEOMETRY***
Grade Level: 9 **Credit:** One **Length of Course:** One year
Prerequisite: Algebra 1 & teacher recommendation.
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. In addition to the regular geometry course, enrichment topics are also included such as the Law of Sines, the Law of Cosines, and their applications.
Activities: Lectures, small group discussions, individualized instruction
Out of Class Time Required: Four to five hours per week
Evaluation: Performance on tests

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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, and volumes.
Activities: Activities for this class include whole class instruction, discussion, small group instruction, and projects.
Out of Class Time Required: Three to four hours per week
Evaluation: Performance on tests and homework and projects

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Title: ***ACCELERATED ALGEBRA 2***
Grade Level: 10 **Credit:** One **Length of Course:** One year
Prerequisite: Accelerated Geometry
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 course integrates technology as a problem-solving tool.
Activities: Teacher and/or fellow students leading discussions to gain mathematical knowledge. Project based learning. Technology based instruction using websites such as www.desmos.com and spreadsheet programs such as *Excel or Numbers.*
Out of Class Time Required: Minimum of 3 hours per week
Evaluation: Performance on tests, quizzes, cumulative tests, assignments, and projects.
Recommended Technology: Scientific calculator

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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 or Geometry. The most common sequence is Algebra 1, Geometry, and Algebra 2. In this course students will learn the application of algebraic functions in real life situations. They will learn how to create, solve, and graph algebraic equations. They will also learn how to interpret characteristics of graphs and analyze solutions to problems. Students also learn the structure of algebraic expressions and how to simplify expressions. At the end of the course, students will be introduced to trigonometry, probability, and statistics.
Activities: Lectures, small group discussions, and graphing calculator skill-building activities.
Out of Class Time Required: Minimum of three hours per week.
Evaluation: Performance on unit tests, cumulative tests, quizzes, and homework.
Recommended Technology: a scientific calculator or a graphing calculator (TI-83Plus or TI-84)

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Title: ***ALGEBRA 3 AND TRIGONOMETRY***
Grade Level: 11,12 **Credit:** One **Length of Course:** One year
Prerequisite: Successful completion of 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. This is a rigorous course that will require hard work and determination.
Activities: Lectures, small group discussions, projects
Out of Class Time Required: Minimum five hours per week
Evaluation: Performance on tests, quizzes, and homework
Recommended Technology: Computer, TI-83Plus or TI-84 Graphing Calculator

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Title: ***PRE-CALCULUS / TRIGONOMETRY***
Grade Level: 11 **Credit:** One **Length of Course:** One year
Prerequisite: Algebra 2
Content: This course is designed for the college bound Junior who has successfully completed Algebra 1, Geometry, and Algebra 2. The main emphasis is on trigonometry with assorted topics on Algebra, finishing with calculus topics and discrete mathematics. Extensive work beyond the text is required. This class is held in a flipped classroom where the students will watch lessons on Sopia.org and complete assignments in the classroom in small groups.
Activities: Flipped classroom. Small group discussions.
Out of Class Time Required: Minimum of five hours per week.
Evaluation: Tests, projects, and quizzes

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Title: ***ADVANCED PLACEMENT CALCULUS AB***
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: Small group discussions. Student centered environment.
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, or SmartView app on MacBook Air laptop.

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Title: ***ADVANCED PLACEMENT CALCULUS BC***
Grade Level: 12 **Credit:** One (weighted) **Length of Course:** One year
Prerequisite: Pre-Calculus
Content: This class is a student centered environment class containing Differential and Integral Calculus for Cartesian, Parametric and Polar functions. Both theory and practical applications are included. The curriculum also contains the study of sequences and Series. 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. AP Calculus BC goes over the material of AP Calculus AB, which is equivalent to the content from Calculus 1 in College, and additional material equivalent to content from Calculus 2. This class is flipped. Students will watch lessons

at home on www.sophia.org and they will do the assignment in class in small groups. We will use www.edmodo.com to communicate when away from classroom and to check answers from assignments.
Activities: Flipped classroom. Small group discussions. Student centered environment.
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, or SmartView app on MacBook Air laptop.

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Title: ***ADVANCED PLACEMENT STATISTICS***
Grade Level: 12 **Credit:** One (weighted) **Length of Course:** One year
Prerequisite: Grade of "C" or above in Algebra II/Teacher Recommendation
Content: AP Statistics 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. Many college majors require a statistics course, which could be fulfilled by the end of senior year with a passing score on the AP Statistics exam.
Activities: Lectures, small group discussions, and projects.
Out of class time required: Minimum of five hours per week.
Evaluation: Performance on tests, quizzes, homework, projects and AP practice problems.
Recommended Technology: TI-83plus or TI-84 graphing calculator.

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Title: ***DUAL ENROLLED COLLEGE ALGEBRA (MATH 121)***
Grade Level: 11,12 **Credit:** 4 Semester hours **Length of Course:** One Semester
Prerequisite: Successful completion of Algebra 2, Compass Test
Content: This course assumes proficiency with materials covered in Algebra I, Geometry, and Algebra II. Topics covered in this course will extend to the college level and will include: real numbers, exponents and radicals, polynomials and factoring, fractional expressions, equations and inequalities, functions and their graphs, conic sections, and systems of equations and inequalities. New topics include: zeros of polynomial functions, rational functions, exponential and logarithmic functions, matrices and determinants, sequences, and the binomial theorem.
Activities: Lectures, small group discussions
Out of Class Time Required: Minimum five hours per week
Evaluation: Performance on tests, quizzes, and homework
Recommended Technology: Computer, TI-83Plus or TI-84 Graphing Calculator
Textbook purchase required

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Title: ***DUAL ENROLLED TRIGONOMETRY (MATH 122)***
Grade Level: 11,12 **Credit:** 3 Semester hours **Length of Course:** One Semester
Prerequisite: C or better in Math 121, Compass Test
Content: This course consists of a survey of trigonometry and its applications. Topics include a review of prerequisite topics, radian measure and the unit circle, trigonometric functions and their graphs, and inverse trigonometric functions. Also included are trigonometric identities and equations, the solution of right and oblique triangles, vectors.
Activities: Lectures, small group discussions
Out of Class Time Required: Minimum five hours per week
Evaluation: Performance on tests, quizzes, and homework
Recommended Technology: Computer, TI-83Plus or TI-84 Graphing Calculator
Textbook purchase required

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Title: ***STATISTICS IN SPORTS***
Grade Level: 12 **Credit:** One **Length of Course:** One year
Prerequisite: Passing grade in Algebra II
Content: This course teaches students how to use four-steps of the statistical process: ask questions, collect data, analyze data, and make conclusions in the context of sports. Each unit will begin with a sports-related statistical question (e.g. Is there a home field advantage in the NFL?) and then students will learn how to collect appropriate data, how to analyze the data, and how to make appropriate conclusions. Although the context of the examples and exercises will be sports related, the primary focus of the class will be to teach students the basic principles of statistical reasoning. Major statistical topics include: making appropriate graphical displays for both categorical and numerical data ; calculating and interpreting summary statistics for data, both categorical and quantitative;

least squares regression; the concept of independence; using simulations to estimate probability distributions; using probability distributions and expected value to evaluate strategy in sports; the logic of hypothesis testing, including stating hypotheses, calculating and interpreting p-values, drawing conclusions, and Type I and Type II errors; and proper methods of data collection, including sampling and experiments. Use of technology, including statistical software, online applets, and the graphing calculator will be prominent in the course. Students will also have to complete projects which require all 4 steps of the statistical process to be completed using data collected online or by the students themselves.
Activities: Lectures, small group discussions, and projects.
Out of class time required: Minimum of 2-3 hours per week.
Evaluation: Performance on tests, assignments and projects.
Recommended Technology: TI-83plus or TI-84 graphing calculator.

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Title: ***TECHNICAL MATH***
Grade Level: 11-12 **Credit**: One **Length of Course**: One year
Prerequisite: Algebra II/ active enrollment as WACC student as a junior / interest in a trade career as a senior.
Description: Technical Math was designed to provide real world mathematical applications for a wide variety of career choices in trade and technical fields that include plumbing, automotive, construction, landscaping, agriculture, carpentry, welding, roofing, retail and more. Students will review and apply arithmetic concepts including operations with fractions, percents, proportions, and ratios. They will also review and apply Algebra and Geometry skills such as solving a proportion or finding the area of a variety of shapes. Students will learn how to use various measuring devices such as a tape measure, angle finder and micrometer. It is highly recommended that students have interest in a trade career before signing up for this class.
Content: Out of class time required: Minimum of 1 hour per week.
Evaluation: Performance on Assignments, hands on projects, and quizzes.
Recommended Technology: Scientific Calculator

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PHYSICAL EDUCATION DEPARTMENT

Title: ***PHYSICAL EDUCATION***
Grade Level: 9, 10, 11, and 12 **Credit:** One-Half **Length of course:** One Semester
Content: Physical Education is a required course for all students at Sterling High School. Student must pass three credit hours or six semesters of Physical Education. The coeducational program has an emphasis on lifelong physical activity and wellness with a major emphasis on personal physical fitness. Students will be exposed to various types of cardiovascular activities in a variety of settings. This will include use of technology (heart rate monitors, polar tri-fit and fitness machines). Students will also be exposed to strength building strategies, where they will learn methods of increasing personal strength either in a weight room, using body weight, and other alternatives to weight machines. The course will also allow an opportunity for the students to participate in a full range of activities including, but not limited to, individual and dual sports, team sports, field sports and rhythms. The final aspect of the Physical Education course will be a classroom component that will teach the students about various fitness concepts and skills that will promote lifelong fitness, while also reinforcing all the other aspects of the Physical Education program. This course is designed to facilitate the acquisition of new knowledge and skills, create interest and appreciation of movement and fitness and the opportunity to discover the joy and needs of physical activity and fitness, all leading to the mental, physical, social and emotional well-being of the individual.
Evaluation: Students take a semester course of Physical Education for each ½ credit. During this time they rotate through cardio and/or strength type activities and activity days. Students are evaluated on daily participation, appropriate uniform, knowledge and skill. Since Physical Education is a participation-based class, all absences will affect their grades and students must make up missed days to earn back points. Uniforms include a PE shirt, shorts and tennis shoes. These official uniforms are available through the parent center at Sterling High School.

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Title: *INDEPENDENT STUDY 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. The co-educational program has an emphasis on lifelong physical activity and wellness with a major emphasis on personal physical fitness.
Prerequisites: None
Activities: Mandatory meeting at the beginning of each semester with a SHS physical education instructor before they can begin the class. Paperwork must also be returned before they may begin the class.
Out of class time required: All work for this class is done after the school day is completed. The weight room and cardio room are available for use after school. Athletes receive credit for practice time as well.
Evaluation: Students will be required to keep a Personal Fitness Log that must be signed off by approved SHS staff and/or coach after each work out session. These logs must then be turned in by the deadline. Grading scale for class changes with the amount of hours available for each semester. 90% of total hours = A, 80% of total hours = B, 70% of total hours = C, and 60 of total hours = D. Anything below 59% of total hours will result in failing the class.

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SCIENCE DEPARTMENT

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: ***BIOLOGY***
Grade Level: 9, 10, 11, 12 **Credit**: One **Length of Course**: One year
Content: The study of cells, anatomy, physiology, DNA and genetics, diversity and interrelationships of living things, evolutionary theory, and other life science topics.
Activities: Laboratory investigations, dissections, lectures, group work, projects, and student reports.
Out of Class Time Required: One to three hours per week, minimum
Evaluation: Completion of tests and quizzes, in-class and homework assignments, labs and projects

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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, projects, and student reports
Out of Class Time Required: Minimum of three hours per week
Evaluation: Completion of tests and quizzes, in-class and homework assignments, labs and projects

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Title: ***ADVANCED PLACEMENT BIOLOGY***
Grade Level: 10, 11, 12 **Credit:** One (weighted) **Length of Course:** One year **Prerequisite:** One year of Chemistry or Concurrent 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. Topics include Biochemistry, Cellular Biology, Energy and Metabolism, Molecular Genetics and DNA, Organism Form and Function, Evolution and Ecology.
Activities: Laboratory work, both guided and inquiry-based, class and group discussions, Case studies, and Science Podcast analysis.
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, both in class and online, quizzes, lab reports, essays and tests.

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Title: ***ANATOMY AND PHYSIOLOGY***
Grade Level: 11, 12
Credit: One
Length of Course: One year
Prerequisites: Completed one year of Biology and one year of Chemistry or Completed one year of Accelerated Biology with teacher recommendation.
Content: This course will cover all human body systems including integumentary, skeletal, muscular, nervous, respiratory, digestive, excretory, reproductive, and circulatory. This course will have college level depth of content and is designed to prepare students for college level science courses.
Activities: The Laboratory component of this course includes anatomical studies using microscopy and the dissection of a cat along with multiple organs. Activities will include lecture, lab reports, disease investigations, class presentations, and video analysis. The class concludes with field trips to examine human cadavers in a college laboratory setting.
Out of class time required: Minimum of three hours per week
Evaluation: Assessments will include multiple choice exams, essay questions, lab reports, article reviews, class projects, and lab practical examinations.

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Title: ***EARTH AND SPACE SCIENCE***
Grade Level: 10, 11, 12 **Credit:** One **Length of Course:** One year
Content: A study of the impact of environmental factors on organisms, land, and the human population. Topics include astronomy, ecology, geology, meteorology, and environmental issues such as global climate change and sustainability and their effects on Earth.
Activities: Laboratory investigations, lectures, group work, movies, projects, and research reports
Out of Class Time Required: One to three hours per week
Evaluation: Completion of tests and assigned work, lab reports, quizzes, and projects.

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Title: ***CHEMISTRY***
Grade Level: 10, 11, 12 **Credit:** One **Length of Course:** One year
Prerequisite: Successful completion of 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. On-line work outside of class will be required.
Out of Class Time Required: Minimum of two to three hours per week
Evaluation: Performance on tests, quizzes, lab reports, class discussions and out-of-class assignments.

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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.

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Title: ***CHEMISTRY 2***
Grade Level: 11, 12 **Credit:** One **Length of Course:** One year
Prerequisite: One year of Chemistry & Algebra 2 or concurrent Algebra 2.
Content: Chemistry 2 is a 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.
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

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Title: ***CHEMISTRY 2 (Dual Enrollment – CHE 103)***
NOTE: Students signing up for this course will not be scheduled into the class until they demonstrate proficiency on the ACT or Compass test as per Sauk's requirements. Students will also be responsible for payment of tuition.
Grade Level: 11, 12 **Credit:** One (SHS) Four (SVCC) **Length of Course:** One year
Prerequisite: One year of Chemistry & Algebra 2 or concurrent Algebra 2; ACT standard score in Reading of 20 or above.
Content: Dual Enrollment Chemistry 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 will earn dual enrollment credit through Sauk Valley Community College.
Activities: Laboratory work, demonstrations, a variety of models and simulations, class discussions, and problem solving activities.
Out of Class Time Required: Minimum two to three hours per week
Evaluation: Performance on homework, quizzes, lab reports, and tests.

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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, demonstrations, a variety of models and simulations, class discussions, and 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: ***PHYSICS***
Grade Level: 10, 11, and 12 **Credit:** one **Length of course:** one year
Prerequisite: Passed Algebra II, cannot take if you have previously passed Conceptual Physics
Content: Physics is a laboratory based course where students learn the basic motions of the universe and the equations that describe them. Topics include forces, energy, momentum, electricity, waves, and astronomy. Students will perform experiments, engage in group projects, and show evidence of learning on problem-solving assignments, quizzes, and tests.
Activities: Classroom discussions, laboratory investigations, and problem solving.
Out of Class Time Required: Two hours per week.
Evaluation: Performance on quizzes, lab reports, homework, and tests.

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Title: ***ADVANCED PLACEMENT PHYSICS***
Grade Level: 10, 11, and 12 **Credit:** one **Length of course:** one year
Prerequisite: Algebra 2
Students explore principles of Newtonian mechanics (including rotational motion); work, energy, and power; mechanical waves and sound; and introductory, simple circuits. The course is based on six Big Ideas, which encompass core scienti c principles, theories, and processes that cut across traditional boundaries and provide a broad way of thinking about the physical world.The following are Big Ideas:
• Objects and systems have properties such as mass and charge. Systems may have internal structure.
• Fields existing in space can be used to explain interactions.
• The interactions of an object with other objects can be described by forces.
• Interactions between systems can result in changes in those systems.
• Changes that occur as a result of interactions are constrained by conservation laws.
• Waves can transfer energy and momentum from one location to another without the permanent transfer of mass and serve as a mathematical model for the description of other phenomena.
Evaluation: Performance on quizzes, lab reports, homework, and tests.

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Title: ***PHYSICAL SCIENCE***
Grade Level: 10, 11, 12 **Credit:** One **Length of Course:** One year
Prerequisite: Completed or be currently enrolled in Algebra 1. Can not be taken if previously passed Chemistry or Physics. Can not be taken in conjunction with Chemistry or Physics or Conceptual Physics.
Content: Physical Science is a full year laboratory course that deals primarily with topics of basic chemistry and physics. It is offered for 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.

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SOCIAL STUDIES DEPARTMENT

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 Greek and Roman Civilizations, World Religions, the Middle Ages, and the Renaissance and Reformation. Second semester topics include the development of civilization in the Meso-America, South America, Exploration, French, American and English 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.

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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, Renaissance, Reformation, Exploration and Scientific Revolution. Study areas for 2nd semester include World Revolutions, Industrialization, Imperialism, World War I, World War II, Cold War and the world today.
Activities: Lectures, large and small group discussions, films, library assignments, projects and geography assignments.

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Title: ***EARLY AMERICAN GEOGRAPHY***
Grade Level: 10 **Credit:** One-half **Length of Course:** One Semester
Content: This course is a survey of American geography through a historical lens. In addition to covering the geographical landscape of America, we will be focusing on specific historical events that shaped our nation. The historical time period will cover Age of Exploration to start of the Civil War. The purpose of this class is to improve student knowledge of geography as well as improving specific skills such as reading, writing, defending opinions, and making inferences. This course will include a variety of activities including group work, map work, geographic identification, projects, class lecture/discussions, research, video, and other student-centered activities that put students in actual historic situations.

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Title: ***ADVANCED PLACEMENT HUMAN GEOGRAPHY***
GradeLevel: 10-12 **Credit:** One (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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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.

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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.

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Title: ***ECONOMICS***
Grade Level: 10, 11, 12 **Credit:** One-half **Length of Course:** One semester
Prerequisite: One-half unit in World Cultures or World History
Content: This course will prepare students to master fundamental economic concepts, applying the tools (graphs, statistics, equations) from other subject areas to the understanding of operations and institutions of economic systems. Students will study the basic economic principles of micro and macroeconomics, international economics, comparative economics systems and will use current measurements and methods to analyze economic trends. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and business cycles.
Activities: The in-class and out-of class activities include: presentations, research projects, worksheets, quizzes, tests and participation in classroom discussion.
Out of Class Time Required: The time varies according to the interest and aptitude of the individual student, but an average of 2-3 hours a week is generally required.
Evaluation: Worksheets, research projects, presentations, quizzes, tests and student participation in required activities.

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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) Sociologist perspective, (2) Culture, (3) Socialization, (4) Social Structure, (5) Society, (6) Groups in society, (7) Deviance & social control, (8) Social stratification, and (9) Inequalities of race & ethnicity.
Technology: Internet search engine, Video from credible websites.
Activities: Lecture-discussion, in/out class projects, small group assignments, debates, 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.

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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.
Activities: Students research the US Constitution in order to evaluate current public issues and understand the function and purpose of American Government. The in-class and out-of class activities include: presentations; field trips to watch government "in action"; research projects; worksheets, class discussion and active student learning simulations/competitions.
Out of Class Time Required: The time varies according to the interest and aptitude of the individual student, but an average of 2-3 hours a week is generally required.
Evaluation: Worksheets, research projects, presentations, quizzes, tests, and student participation in required activities.

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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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SERVICE/WORK TRAINING

Title: ***SERVICE LEARNING***
Grade Level: 10,11,12 **Credit:** One-Half **Length of Course:** One Semester
Type of Course: Elective One Class Period
Content: Community based service learning is service without pay to a non-profit organization, individual, or group in need of assistance. The service must be for the benefit of others inside or outside of the school community. Students enrolled in the program will work with their site supervisor on a daily basis. Students will be paired with adults in the school community or with adults in an outside agency. Students can request specific sites; however, the instructor will make the final determination regarding the placement. Students will also need to consider the SHS bell schedule and any issues with transportation.
Evaluation: Students will be evaluated on the following criteria: daily attendance at volunteer site and supervisor evaluations completed throughout the semester.
Note: It is strongly encouraged for students involved in the service learning program to have their own transportation. However, transportation is not required for all sites.

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Title: ***WORK TRAINING***
Grade Level: 11,12 **Credit:** One-Half **Length of Course:** One Semester
Type of Course: Elective One Class Period
Content: The purpose of the Work Training Program at Sterling High School is to provide students with the opportunity to earn school credit while working at an off-site job. In order to enroll in the course, students must already have a job. A minimum of five hours a week is required. The student will provide the instructor with a copy of his/her paycheck and or official schedule to serve as proof of hours completed.
Evaluation: Students will be evaluated on the following criteria: completion of required paperwork and evaluations completed by the site supervisor.
Note: In the event that the student loses his/her job during the course of the semester, he/she will need to meet with the instructor daily during the scheduled course time. Topics covered during this time include: resume building, completing job applications, and interview techniques and strategies.

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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 3-4
Vocational Math
Pre-Algebra
Algebra I
Geometry
Algebra II
Government
US History
Statistical Analysis of Current Events
Health
Consumer Economics
Biology
Science Concepts
Work Training
Life Skills
TMH

WACC & Vocational
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 42-43.

Any student wishing to enroll at WACC must be registered at one of the fifteen member high schools, must be 16 years of age, and must have junior or senior status as his or her high school.

Prerequisites: Several WACC courses list prerequisites that students must meet in order to enroll in the program.

Recommended Student Criteria: All WACC programs have required lab work that is a critical component of student learning and student assessment. A school wishing to enroll a student who does not meet the recommended criteria for a WACC program must participate in a scheduled meeting with WACC staff to discuss student accommodations prior to the student's enrollment.

Allied Health

One-year program offered to junior and senior students that are interested in pursuing a career in various medical fields. Students are in the classroom three days per week and at clinical sites two days per week. Students participate in one to four clinical sites throughout the school year. Clinical sites include, but are not limited to, hospitals, clinics, long-term care facilities, chiropractors, veterinary clinics, physical therapists, etc. Students can practice in different areas of the medical field, such as Maternal-Child Nursing, Geriatrics, Emergency Nursing, Radiology, Dental Medicine, Veterinary Science, and more.

5 Dual Credits with SVCC: 3 credits for Medical Terminology (NRS116), 2 credits for Pharmacology for Non-Licensed Personnel (VOC176)

Prerequisites: A student must complete the application paperwork. Students will be required to participate in an internship two days per week throughout the school year. Therefore, a student who enrolls in Allied Health must be able to transport him or herself to various internship sites.

Auto Service

One- or two-year program offered to junior and senior students. First year students will be building basic repair skills such as lubrication, brakes, engine tune up, suspension, fuel injection, computer controls, electrical systems, exhaust systems, transmissions and clutches, cooling systems, and heating and air conditioning. Second year students will learn differential operation, engine diagnostics, and qualifying students can participate in work-based learning at various job sites in order to gain real world work experiences while going to school.

2 Dual Credits with Highland Community College in AUTM 138

Prerequisites: Students who enroll in Auto Service II will either participate in an internship two to three days per week, or will perform an internship at WACC in the WACC Automotive shop that will require working on customers' vehicles. Any student enrolled in Auto Service II must have a valid Illinois Driver's license.

Recommended Student Criteria: Students enrolled in Auto Services will be required to work in an automotive shop approximately 70% of the time while at WACC. Students should be able to lift both arms above his or her head, lift 40 pounds, and be able to lower him or herself to the ground to work under a vehicle.

Building & Construction Trades

One- or two-year program offered to junior and senior students. This course provides experiences related to the construction and maintenance of residential buildings and related fixtures. During the year, students will spend 85% of their time at a job site constructing or remodeling a residential house. The other 15% of the time students will be in the classroom. Instruction will include safety principles, framing, plumbing, wiring, roofing, installing insulation, dry wall, painting, pouring concrete, landscaping, estimating materials, blueprint reading, hanging cabinets, siding, hanging doors, heating and air conditioning, masonry, and finish work. Second year students are provided the opportunity to advance their skills in the construction trades.

6 Dual Credits with Highland Community College: 3 credits for MTEC 240 and 3 credits for MTEC 245.

Recommended Student Criteria: Students enrolled in Building Trades will be involved in constructing or remodeling a house, and will perform work at the job site approximately 85% of the time while at WACC. Students should be able to climb an eight foot step ladder, stand for an hour and thirty minutes, and have the strength and mobility to operate various power tools, such as nail guns, power saws, power drills, etc.

CEO *(Creating Entrepreneurial Opportunities)*

One year course offered to a junior or senior student that acquaints students with the knowledge and skills necessary to own and operate their own businesses. Concepts such as supply and demand, cost/benefit analysis, competitive advantages, and opportunity recognition are covered. Coursework includes innovative thinking strategies, product development, business structure, marketing, financial strategies, record keeping, and preparing an income statement, balance sheet, income and cash flow statements. Entrepreneurial thinking (out-of-the box problem solving) is utilized throughout the course. This course will take place in area businesses, and will include tours of local industry and guest speaker from all areas of business.

No dual credit available.

Prerequisites: All students interested in enrolling in the WACC CEO class must complete an application available through his/her school counselor. Students will be selected by the CEO Advisory Board. Students who are selected to enroll in the CEO class must provide his or her own transportation to and from the various class meeting sites.

Commercial Food Service

One- or two-year program open to juniors and seniors. Students explore Culinary Arts, preparing food for a large number of consumers, and catering. Occupational skills taught include care and use of commercial equipment, food preparation, customer service, management, and nutrition. Students in this program will receive weekly hands-on experience in the WACC commercial kitchen and provide food services for the public. Food Service Sanitation Management Certification will be offered.

No dual credit available.

Recommended Student Criteria: Students enrolled in Commercial Food Service will be required to work in a commercial kitchen approximately 70% of the time while at WACC. Students should be able to stand for an hour and forty-five minutes, lift 20 pounds, and have the ability to safely work around hot items, such as stoves, ovens and deep-fryers.

Computer Technology

Computer Technology is a one- or two-year program open to juniors and seniors. Students will decide which path in computer technology they wish to explore:

Computer Networking is for students who want to work with the repair and networking of computers. Students entering this program will learn the essentials of repairing, maintaining, and networking of computers for both home and small business environments. The latest methods of networking and configuring operating systems will be used in the class. Qualified students will acquire the skills to potentially pass the Testout PC Pro and Network Pro certifications. In addition, the course prepares the students for the CompTIA A+ and Network certifications.

5 possible articulated credits with SVCC: 3 credits for CIS 167 and 2 credits for CIS 151

Computer Science is for students who want to work in the field of computer programming. The course introduces students to the formal concepts of object-oriented computer programming, including program design, control structures, data structures and algorithms using the Java programming language. The course follows the AP Computer Science syllabus allowing students who excel to take the AP exam. Students will also spend time working with the web programming and development using a variety of tools.

Dual credit pending.

Recommended Student Criteria: Students enrolled in Computer Technology will be required to sit at a desk for an hour and forty-five minutes, walk, stand, stoop, kneel, crouch and reach while performing typical computer repair work; use hands to finger, have hand-eye coordination; handle or feel objects, tools or controls; lift and/or move objects and materials of up to 50 pounds in weight.

Criminal Justice

One year program designed to train students in various aspects of law enforcement, criminal justice, and the legal system. Students will receive instruction in skills needed for careers in associated fields; e.g. police officers, prosecuting and defense attorneys, probation and parole officers, crime scene investigators, correctional officers, etc. Major objectives of the program include: history of law enforcement, constitutional law, Illinois law, courts and the legal system, communication and dispatch operations, report writing and records, criminal investigations, search and seizure, community relations, patrol functions, traffic investigations, corrections, private security operations, criminology, and other related areas. Role play scenarios are used to enhance the student's learning experiences and provide an introduction to practical experiences which might be expected in the field.

6 Articulated Credits with SVCC: 3 credits for CJS 101 and 3 credits for CJS 232.

Recommended Student Criteria: Students enrolled in the Criminal Justice program will participate in active, police scenarios. These scenarios include, but are not limited to the following physical activity; dragging a 150 pound person 10 feet, firing air guns, combat drills, and restraining potential suspects. Students should be able to pick up and carry objects weighing 25 pounds.

Digital Media Arts

One- or two-year program offered to juniors and seniors. The classes are for visual and creative thinkers as well as computer geeks interested in cutting edge digital and media arts. The program offers the latest trends, techniques and technologies in the ever-evolving multimedia field. The wide variety of the curriculum provides opportunities to build skills for future success in careers as an illustrator, desktop publisher, photographer, graphic artist, digital video editor, studio staging director, film maker, computer animator, sound engineer, camera operator, web designer or other positions in the exciting and growing recording, entertainment and digital media arts and communications field. Students work at their own pace and get "hands-on" experience using state-of-the-art software, cameras, lighting, special effects, sound and broadcasting equipment. All classes begin each fall and spring semester and students take two classes per semester. Students completing a selection of eight classes (the equivalent of two years at WACC), will receive a Certificate in Graphic Design from Sauk Valley Community College. Students not able to complete the certificate requirements while attending WACC are invited to enroll at Sauk Valley Community College after high school to finish the certificate requirements if they so choose. Qualifying WACC students may earn up to 24 college credits taking the Digital Media Arts class.

27 Dual Credits with SVCC: ART 100-Media Arts, ART 103-Digital Photography, ART 105-Motion Graphics, ART 107-DIgital Drawing, ART 230-Graphic Design I, ART 231 – Graphic Design II, ART 236-Film and Video, ART 237-Image and Sound Recording, ART 238-Interactive Media Design, ART 299-Topics and Issues (3 credits per course = 27 total credits offered)

Early Childhood Education

One- or two-year program offered to junior and senior students. The course includes a study of growth and development; early childhood learning theories; types of early childhood programs; teaching methods and procedures; the role of the child care professional; and working with young children with special needs. This program provides preparation and a practicum for students interested in a variety of educational fields, such as preschool teachers, teacher's aides, elementary teachers, speech pathology teachers, and social workers. First year students will work with a cooperating teacher at a work-based learning site for three days a week during second semester. This work-based learning site could be a daycare center, preschool program, elementary school, or a location specific to a students' career interest. (i.e. special education, speech teacher, social worker). Prerequisites for second semester practicum placement include earning a 70% or better during the first semester, 90% attendance, and no behavior-related disciplinary referrals.

Gateways to Opportunity Level 1 Credential for first year students; 3 Articulated Credits with SVCC: ECE 114 or ECE 115 offered alternatively over two years.

Recommended Student Criteria: Students enrolled in Early Childhood Education will be required to work with young children ages birth through elementary school. Students should be able to sit on the floor with the infants and children, have the dexterity to perform crafts with the children, and have the strength to restrain a child if needed for the child's safety. (For example, prevent a child from running out the door.) Students should not have a history of violent behavior. Students should have the maturity and aptitude to work with young children. For example, a student who could not be recommended for a babysitting job should not be recommended for Early Childhood Education.

Health Occupations-CNA

One-year program offered to junior and senior students that are interested in pursuing a career in the medical field. Upon completion of the Illinois Department of Public Health (IDPH) requirements, the students will be eligible to take the State Certified Nursing Assistant exam at the end of the school year. The students must meet the following criteria to be successful in Health Occupations: 1) Achieve a C or better each quarter throughout the year on the coursework, 2) Be competent at the 21 skills in the laboratory and at the clinical site, 3) Have excellent attendance throughout the school year, and 4) Pass the criminal background check. Students must have an outstanding work ethic, be self-motivated, and take initiative to be successful in Health Occupations. Students will spend 40 hours at clinical sites while at WACC.

8 Dual Credits with SVCC: 4 credits for NRS101, 4 credits for NRS103.

Prerequisites: The Health Occupations program prepares students to become a Certified Nurse's Assistant. This is a state regulated program that requires students to spend 80 hours of theory and 40 hours clinical time working with patients. Students must have updated immunizations, TB test, and possibly flu shots if required by the clinical site. Student must be able to lift 25 pounds as it is a state mandated CNA skill to perform a two person lift on residents who are 119 pounds or less.

Welding and Manufacturing Technology

One- or two-year program offered to junior and senior students. Welding, machining, and CAD principles will be taught through hands-on experiences. Topics include:

- **Welding processes - (Stick, Oxyacetylene, Mig, Tig, Plasma cutting, and OAW cutting),**
- **Machine operations – (Lathes, Mills, Grinders, Shear, Pipe cutters, etc.)**
- **AutoCAD - Computer aided drafting program**
- **Blueprint reading**

The second year will provide the students with the opportunity to obtain advanced training on components of welding and metal fabrication.

- **Welding processes – (Structural welds, Pipe welds, Flux cored welding)**
- **Machine operations – (CNC and manual Machining)**
- **Inventor - Computer aided drafting program**
- **Product design and development**
- **Internship**

2 Dual Credits with SVCC: WELD 106; 3 credits with HCC: DRAF 105, and 3 credits for MTEC151 for Welding 2 students

Recommended Student Criteria: Students enrolled in Welding and Manufacturing Technology will be required to work in a machine/welding shop approximately 75% of the time while at WACC. Students must be able to work in the confines of a welding booth (3'x 4'), have the ability to lift 40 pounds, must be able to stand for an hour and forty-five minutes, and must have the strength and mobility to operate machines such as lathes, grinders, and welding torches.

Prerequisites: Welding 2 students will be required to participate in an internship four days per week during second semester. Therefore, students that enroll in Welding 2 must be able to transport him or herself to various

WACC Course Fees

COURSE	DESCRIPTION	Fee Paid to WACC	Other Expense Pd. by Student
ALLIED HEALTH	**CNA Students:**		
	Medical Terminology Book	$75.00	
	Name Badge	$5.00	
	Total for CNA Students:	**$80.00**	
	Non-CNA Students:		
	Medical Terminology Book	$75.00	
	CPR and First Aid	$5.00	
	Name Badge	$5.00	
	WACC Patch	$5.00	
	Annual TB Test (Low SES - Free)		$24.00
	Uniform - scrub top and pants		$30.00
	Total for Non-CNA Students:	**$90.00**	**$24.00**
	Additional Required Purchases - purchase on own:		
	All White Shoes and watch with a second hand		
AUTO SERVICE I & II	Purchase on own: Safety glasses		varies
BUILDING TRADES I & II	Purchase on own:		
	25' tape measure, hammer, square, knife, nail pouch, nail set, chalk line, 4-in-1 screwdriver, safety glasses		varies
EARLY CHILDHOOD EDUCATION	T.B. Test (only if required by internship site)		$24.00
	CPR and First Aid	$5.00	
	Total for ECE	**$5.00**	**$24.00**
COMMERCIAL FOOD SERVICE	Food Service Sanitation Management Certificate (optional)	**$35.00**	
DIGITAL MEDIA ARTS	Required for all students: Headphones		varies
	Required of Photography students: Prints	varies	
	Required of Graphic Design students: Prints, Tshirt screen	varies	
	Recommended for all students: USB drive		varies
HEALTH OCCUPATIONS	**Required for High School Credit:**		
	WACC patch	$5.00	
	CPR/First Aid	$5.00	
	Plastic Name Badge	$5.00	
	Uniform		$30.00
	TB Test (2 Step)		$24.00
	Transfer (Gait Belt)		$15.00
	Total for High School Credit	**$15.00**	**$69.00**
	Only:		
	Required for CNA Certifcation:		
	WACC patch	$5.00	
	CPR/First Aid	$5.00	
	Plastic Name Badge	$5.00	
HEALTH OCCUPATIONS (CONTINUED)	State Test	$65.00	
	Criminal Background Check	$33.00	
	Uniform		$30.00

	TB Test (2 Step)		$24.00
	Transfer (Gait Belt)		$15.00
	Total for CNA Certification:	**$113.00**	**$69.00**
	Additional Required Purchases - purchase on own:		
	All White Shoes and watch with a second hand		

WELDING	**Required Purchases:**	
	Safety Glasses, tape measure, welding hood, welding gloves, long sleeved shirt or shop coat	varies
	Optional Recommended Purchases:	
	Allen wrench set, 1" micrometer, 6" verial dial or digital caliper	varies

Home schools may require separate fees for attending WACC.

SHS Course Fees

COURSE	DESCRIPTION	FEE

BUSINESS TECHNOLOGY AND ARTS		
3 D STUDIO 1 (CERAMICS)	Lab Fee and Supplies	$35.00
3 D STUDIO 2 (CERAMICS)	Lab Fee and Supplies	$35.00
WEB DESIGN	Lab Fee	$35.00
MOTION GRAPHICS	Lab Fee	$35.00
DIGITAL PUBLISHING	Lab Fee	$35.00
DRAWING		
FOODS AND NUTRITION 1 AND 2	Food Supplies	$35.00
DIGITAL DRAWING	Lab Fee	$35.00
FILM AND VIDEO	Lab Fee	$35.00
GRAPHIC DESIGN	Lab Fee	$35.00
MEDIA ARTS	Lab Fee and Supplies	$35.00
MULTIMEDIA	Lab Fee	$35.00
PAINTING	Lab Fee	$35.00
IMAGE AND SOUND	Lab Fee	$35.00
DIGITAL PHOTOGRAPHY	Lab Fee and Supplies	$35.00
3-DIMENSIONAL INDEPENDENT STUDY	Lab Fee	$35.00
2-DIMENSIONAL INDEPENDENT STUDY	Lab Fee	$35.00
2-DIMENSIONAL INDEPENDENT STUDY-Tech Zone	Lab Fee	$35.00
DRIVER EDUCATION		
DRIVER EDUCATION	Lab Fee	$250.00
	State Permit Fee	$20.00
PERFORMING ARTS	Participation Fee	$60.00
9-12 CHOIR		
CONTEMPORARY CHOIR		
BAND		
ORCHESTRA		
Students pay only $60.00 per year regardless of the number of Performing Arts classes that they participate in.		
SCIENCE		
ACCELERATED BIOLOGY	Lab Fee	$35.00
BIOLOGY	Lab Fee	$35.00
PHYSICAL SCIENCE	Lab Fee	$35.00
CHEMISTRY	Lab Fee	$35.00
ACCELERATED CHEMISTRY	Lab Fee	$35.00
PHYSICS	Lab Fee	$35.00
CHEMISTRY 2	Lab Fee	$35.00
ADVANCED PLACEMENT CHEMISTRY	Lab Fee	$35.00
ADVANCED PLACEMENT BIOLOGY	Lab Fee	$35.00