

ROCK FALLS HIGH SCHOOL

2020-2021

Curriculum

Guide

Rock Falls Twp. High School

Graduation Requirements

<u>Subject</u>	<u>RFHS Minimum Requirements</u>	<u>Recommended for College Bound</u>	<u>Grade Level</u>
1. English Speech	3.5 Credits .5 Credits	4 Credits	9-12 10
2. Mathematics	3 Credits	3 or 4 years	9-12
<i>Courses-</i> Algebra I, Geometry, Algebra II, Pre-Calculus, Transitional Math, Statistics (dual credit), Calculus			
<i>Sequences-</i> Algebra I, Geometry, Algebra II, and beyond			
3. Science	2 Credits	3 Credits	9-10 +
<i>Required-</i> Biology I and Environmental Geological Science (EGS)			
<i>Electives-</i> Biology II, Anatomy and Physiology, Chemistry I, AP Chemistry II, Physics			
4. Social Studies	2 Credits	3 Credits	9-10 +
<i>Required-</i> Civics (1 sem.), Am. History (Full Year), and Am. Government (1sem.)			
<i>Electives-</i> World History, World Geography, Social Psychology, Sociology, Economics, Holocaust and Genocide Studies			
5. Consumer Education	.5 Credits		11 or 12
6. Health	.5 Credits		9 or 10
7. Physical Education	3 Credits		9-12
8. Electives	7 Credits		9-12

TOTALS

- 22 credits w/all required courses passed for graduation
- Goal of 6 credits per year
- .5 credit per class, per semester

ART DEPARTMENT

Title: ART 2D 1

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Fee: \$25.00

Prerequisite: None.

Content: The focus of this class is to introduce students to the idea of 2 dimensional art; art which is flat in nature such as paintings, drawing, or printmaking. This course would be appropriate for both the beginning and experienced artist. Students will be taken through a variety of studio projects to introduce them to a variety of 2 dimensional media and techniques. Students will be encouraged to expand upon basic ideas to include his/her own interests and ideas. Concepts, techniques and media will be taught in such a manner that students who put forth effort, regardless of skill level will have success in creating one of a kind, interesting artwork. In addition to studio projects, reading, quizzes, research projects and other classroom activities will be part of the course curriculum. It is recommended that students take this course in conjunction with Art 3D 1. It is also recommended that students interested in art take this course their freshman year.

Title: ART 3D 1 (551)

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Fee: \$25.00

Prerequisite: None.

Content: The focus of this class is to introduce students to the idea of 3 dimensional art, better known as sculpture. Sculpture includes a variety of end products such as pottery, jewelry, architecture and any other form of creative expression; which can be viewed from multiple angles. This course would be appropriate for both the beginning and experienced artist. During the course students will be introduced to a variety of sculptural media such as clay, metal and found objects to create artwork. Concepts and techniques will be taught in such a manner that students who put forth effort, regardless of skill level will have success. In addition to creating artworks, students can expect course work such as quizzes, reading, research projects and a variety of other classroom activities. It is recommended that students take this course in conjunction with Art 2D 1. It is also recommended that students with an interest in art take this course their freshman year.

Title: ART 2D 2

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Fee: \$25.00

Prerequisite: Successful completion of Art 2D 1.

Content: Students taking Art 2D 2 can expect to continue their studies of 2 dimensional art. In addition to continuing to study drafting and painting materials, students will begin to look closer at established art throughout history. Students can expect to study a variety of styles of art from early man to recent times. Through the study of art history, students will begin to create works of art to communicate ideas and concepts of importance to them. The intention of this course is to begin to show a connection between art history and student concerns today such as love, class, and politics. Students can expect continued study in media and technique and instructor will begin more direct instruction of traditional drafting and painting skills. Course curriculum will also consist of reading, writing and other classroom activities.

Title: ART 3D 2

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of Art 3D 1.

Fee: \$25.00

Content: Students enrolled in Art 3D 2 will continue to study sculptural art and its related media. In addition to continuing to study sculptural techniques like carving and casting, students will begin to look closer at established art throughout history. Students can expect to study a variety of styles of art from early man to recent times. Through the study of art history students will begin to create works of art to communicate ideas and concepts of importance to them. The intention of this course is to begin to show a connection between art history and student concerns today such as money, family and social issues. Students can expect continued study in media and techniques and instructor will begin more direct instruction on traditional sculpting techniques and skills. Course curriculum will also consist of reading, writing, and other classroom activities.

Title: ART 2D 3

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of Art 2D 2.

Fee: \$25.00

Content: It is the intention of Art 2D 3 to educate students on the role of art today in western society through the study of fine art, new technologies in art (such as computers and photography), commercial art/graphic design and other related studies. Students will begin to work with drawing/painting and printmaking media in a more independent, self-guided manner. Projects and tasks will be more open-ended, allowing for personal growth. A higher level of skill is required to create the more in-depth, research-driven projects of the curriculum.

Students will also begin to explore their own personal style and will continue to learn how to successfully evaluate artwork. Students should expect a variety of other classroom activities besides studio projects. Students can also expect to work closely with the instructor and fellow classmates on both independent and group projects. Student may take this course up to two times for credit. Students interested in continuing their art education should speak with the instructor about taking Advanced Placement Studio Art upon successful completion of this course.

Title: ART 3D 3

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of Art 3D 2.

Fee: \$25.00

Content: It is the intention of Art 3D 3 to educate students on the role of sculpture in western society today through the study of architecture, fine art, commercial art, and other related studies. Students will begin to work with sculptural media such as clay and metal in a more independent, self-guided manner. Projects and tasks will be more open-ended, allowing for personal growth. A higher level of skill is required to create the more in-depth, research-driven projects in the curriculum. Students will also begin to explore their own personal style and will continue to learn how to successfully

evaluate artwork. Students should expect a variety of classroom activities besides studio projects. Students can also expect to work closely with instructor and classmates on both independent and group projects. Students may take this course up to two times for credit. Students interested in continuing their art education should speak with the instructor about taking Advanced Placement studio art upon successful completion of this course.

Title: COMPUTER GRAPHICS

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Fee: \$25.00

Content: A hands-on computer graphics course which will offer interested students an opportunity to further develop their computer graphics skills and learn a more complicated art graphics program and investigate it's applications as it relates to the study and production of art. Students will solve a variety of problems and create a variety of artwork using a computer graphics program.

Title: PRINTSHOP AND GRAPHIC DESIGN

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of Art 2D 1

Fee: \$25.00

Content: To introduce students to the historical significance of graphic design and to teach students a variety of ways in which to create good graphic design in order to make them college and career ready. Students will be introduced to the topic of graphic design in a chronological manner from early hand produced processes up to today's most current technologies and processes.

Title: VISUAL COMMUNICATIONS (YEARBOOK) (1)

Grade Level: 9,10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: Better known as the "yearbook class," Visual Communications is a two-part semesterized course meant to expose the "non-art" student to the basic principles of good design. The course will focus on a number of print media, including the Cavalcade yearbook, as well as other forms of printed materials like the business card, newsletter, photographic composition and package design. Students will be taught using the latest layout design software. Students successfully completing this course will be better prepared to communicate visually in and out of the school setting.

Title: VISUAL COMMUNICATIONS (YEARBOOK) (2)

Grade Level: 9,10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of Visual Communications (1).

Content: Building upon the first semester of Visual Communications, students will continue to use and explore current layout software to create a variety of publications. While continuing to develop the RFHS yearbook, students will explore a variety of more complex printed materials such as concert posters, fliers, magazine advertisements, and some web design. Through the study of these and other publications, students will explore more deeply into certain design elements and their effects on viewers.

Title: ADVANCED PLACEMENT STUDIO ART

Grade Level: 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of Art 2D 1 and Art 3D 1, two additional semesters of art classes with a "B" average or above, Junior or Senior status, and consent of the AP Studio Art Instructor. (Class may be repeated for a second year.)

Fee: \$25.00

Content: The purpose of this class is to prepare students for the AP Studio Art Exam (portfolio) given by the College Board. Students will spend the year developing ideas and executing work for inclusion in the portfolio, learning to take slides of their work, and writing two short essays to accompany the portfolio.

BUSINESS EDUCATION DEPARTMENT

Title: INTRODUCTION TO BUSINESS

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: This course is open to any student who is interested in using computer applications to explore the areas of business. Students will complete a variety of computer based units that encompass all areas of business including Office Skills, Desktop Publishing, Marketing, Web Design, Business Law, and Accounting. Students will apply learned skills along with their own creative ideas to real-world business situations. Students will engage in fun and interactive computer **simulations** for various units throughout the course. They will also be introduced to basic business terminology. After taking this course, students will be ready to move into specific courses of the business career pathway. (Computer Concepts, Web Design, Accounting) It is recommended that students interested in Business take this their Freshman or Sophomore year.

Introduction to Business

By the end of Intro. to Computers students will be able to type the alphabetic keyboard by touch and use application software to create & format business documents in Word, Excel, & Power Point – MS Office.

Title: BUSINESS WEB DESIGN

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Keyboarding skills

Content: This course is designed to teach students about the fundamentals of Web Sites and Web Page Design. The purpose of this course is for students to develop the skills and understanding necessary to *plan and create* Web sites, especially for use in the business world as they apply to business operations. Concepts addressed will include; 1) Web Environment: accessing sites, types of sites, and web tools; 2) Design Principles: accuracy, writing text, color, and technical/legal/ethical issues; 3) Successful Website Development: goals, audience, content, structure, navigation, typography, images, file formats; hyperlinks; 4) Multimedia elements: animation, audio, video, interactive; 5) Promoting and Maintaining: testing, publishing and promoting. Students will also learn fundamental HTML coding and authoring skills. A variety of software (already in place) will be used as a means to create the

web pages. Students will work in a hands-on environment completing project-based exercises applicable to the business world. It is recommended that students take this course in conjunction with Computer Concepts and Marketing (e-commerce).

Title: COMPUTER CONCEPTS (1)

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Keyboarding skills

Content:

This **project-based** course provides students with practical and interactive experience mastering fundamental computer skills essential for any career in the business world or just for improving computer knowledge and skills. Learn advanced manipulations in Microsoft Word and Excel to create useful and dynamic documents for school or work. Learn to create, format, and enhance with a creative mind! Design many different kinds of word processing documents with enhanced features including color and clipart. Create numerical spreadsheets for calculating and enhance the appearance of the spreadsheet to your desire. This course is designed for students who are planning a career in any area of business, enrolling in college, or wishing to learn more about computer software applications. These computer skills will help you attain high performance in school and work.

Computer Concepts I

By the end of Computer Concepts I students will: understand the capabilities and functions of Microsoft Word and Excel for application to “real world” uses, use application software to input, store, and manipulate data for various situations, gather and evaluate information to integrate into useful business documents using Microsoft Word and Excel.

Title: ACCOUNTING 1

Grade Level: 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: None

Content: This course is for the student who wishes to learn the accounting/bookkeeping operations of a business, who is considering a career in business. College-bound business students as well as vocational students will find the course very useful. Accounting is the “language of business” and emphasis is placed on students’ understanding of terminology and the steps in the accounting cycle which include journalizing, posting, cash control, preparing financial statements, adjusting and closing accounts to complete a business’s financial cycle. Students will learn about the flow of dollars coming in and going out of a business and the record keeping system that must be in place. These principles are taught through manual (written) and computer methods. Students will learn the accounting cycle, how to interpret and analyze journals, ledgers, financial forms, payroll accounting and an overall understanding of how businesses operate. Workbooks and simulation practice sets are used to give students a “hands-on” opportunity to apply what they have learned. Since ALL business college majors are required to take college accounting, high school accounting can better prepare students to be successful in their major toward a business career. It is recommended that this course be taken in conjunction with Marketing and Business Law.

Students completing this course with an “A” or a “B” may articulate with Course ACC 100 Basic Accounting at Sauk Valley Community College. This means that you may move directly into a more advanced course at Sauk (ACC 101).

Accounting I

By the end of Accounting I students will: complete the accounting cycle steps for a service business and merchandise business, prepare financial statements and forms, prepare payroll accounting and tax forms and use manual and computerized systems

DRIVER EDUCATION DEPARTMENT

Title: DRIVER EDUCATION

Grade Level: 10, 11 (some grade 9)

Credit: 1/2

Length of Course: One semester

Prerequisite: State law requires students to pass 8 academic classes the previous 2 semesters to be eligible to enroll in Driver Education. At least 4 of these must be high school level courses.

Fee: \$250.00 + \$20.00 to the Secretary of State

Content: The classroom phase of Driver Education is required of all students for graduation from a high school in Illinois. No student will be enrolled in Driver Education under 15 years of age. A student will be enrolled in the classroom phase of Driver Education during the first semester if his/her 16th birthday falls between October 1 and March 31, or during the second semester if the birthday falls on or after April 1, and before September 30. The classroom phase of Driver Education must be successfully completed before you can enroll in Behind the Wheel. At the start of each semester the instructor will calculate the maximum number of days a student can miss and still meet the 30-hour requirement. If a student exceeds the calculated number of days he/she will be dropped from this course.

Should the class size become excessively large, students with the latest birthdates, which fall prior to August 1, shall be denied enrollment until summer or the fall semester. Enrollment shall be offered in chronological order with the earliest birthdates first.

Selection of students for the Behind the Wheel phase of Driver Education will be determined by the age of the student. The oldest students will have first choice. Enrollment in the Behind-the-Wheel phase of Driver Education is optional; however, a driver’s license may not be issued to any person before age 18 years unless they have successfully completed both the classroom and Behind-the-Wheel phase of the Driver Education program.

The ultimate objective of Driver Education is to provide educational experiences, which will provide the student with the skill, knowledge and proper attitude necessary for the efficient and safe operation of a motor vehicle. In recognition of the importance of proper attitudes toward driving, any student

who is in violation of any driving regulation while enrolled in Driver Education will be reported to the proper authorities, immediately dropped from the class, and required to repeat the phase of the class during the following school year.

The cost of the learner's permit is \$20.00, which is paid to the Secretary of State's office. An additional \$225.00 fee is required for the Behind-the Wheel phase and shall be paid prior to enrollment. State law prohibits charging the \$225.00 fee to students who qualify for free lunch.

ENGLISH DEPARTMENT

Title: HONORS ENGLISH 1

Grade Level: 9

Credit: 1

Length of Course: One year

Prerequisite: Selection by previous English teacher and/or by invitation only.

Content: This course is a two-semester, writing-intensive program for outstanding freshman students. Students are selected on the basis of criteria established by the English Department chairman, based upon teacher recommendations and past school performance. Students receive more concentrated instruction and a higher level of material than students in the regular English I program. Literature, vocabulary, English usage, and writing are stressed with a research paper written second semester and approximately twelve book reviews. This course is a weighted course.

THE FOLLOWING COURSE IS REQUIRED FOR ALL FRESHMEN WHO ARE NOT SELECTED FOR HONORS ENGLISH 1 OR ENGLISH 1-B. A STUDENT WHO FAILS ONE OF THE SEMESTERS WILL REPEAT ONLY THAT SEMESTER TO RECEIVE CREDIT:

Title: ENGLISH 1-A

Grade Level: 9

Credit: 1

Length of Course: One year

Content: English I-A is a two-semester, writing-intensive course in short fiction, non-fiction, a novel, poetry, drama, English usage, composition, and vocabulary development. Students will read and discuss literature in many forms, and students will write at least four essays per semester. There will be instruction in library skills, and there will be two required book reviews each quarter (four for the semester for a total of eight for the year).

Title: ENGLISH 1-B/English Skills & Strategies

Grade Level: 9

Credit: 2

Length of Course: One year

Prerequisite: Gates-MacGinitie reading score, ISAT scores, middle school teacher recommendation

Content: English 1-B and English Skills and Strategies are full-year paired reading and writing intensive courses. Students will receive instruction in strategies which stress the basic fundamentals of English usage: punctuation, use of complete sentences, and development of paragraphs and compositions. There will also be instruction in non-fiction reading and literature, with the aim of increasing students' vocabulary, comprehension, and critical thinking skills.

English IB Skills and Strategies

(Reading and Literature - double blocked with English IB- writing/grammar)

SOPHOMORE ENGLISH

In the sophomore year, the student must choose from one of the following combinations: (1) World Studies-English and Speech Communications, (2) English 2-A and Speech Communications, or (3) English 2-B and Speech Communications. (A student cannot receive credit for more than one of the following: World Studies-English, English 2-A, and English 2-B.)

Title: ENGLISH 2-A

Grade Level: 10

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of English 1.

Content: English 2-A is a two-semester, writing-intensive course that stresses reading, writing, vocabulary development, and problems of English usage. Students will read short stories, a novel, poetry, and drama. Students will write paragraphs, essays, and a research paper using MLA citation. Finally, students will be expected to read independently and write at least three book reports per semester as assigned by the teacher.

Title: ENGLISH 2-B

Grade Level: 10

Credit: 1

Length of Course: One year

Prerequisite: By invitation only.

Content: English 2-B is a two-semester, writing-intensive course for selected sophomores who are experiencing difficulties mastering the fundamentals of English. The course will include instruction in reading and English usage geared to the abilities of the students. In addition, students will develop everyday English skills in areas such as newspapers, maps, and directories. Students will also write essays and do book reports throughout each semester. The goal of the class is to prepare students for successful completion of English 3.

Title: WORLD STUDIES-ENGLISH

Grade Level: 10

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of English 1-A or teacher recommendation. **Enrolling in this class requires enrolling in World Studies-History at the same time.**

Content: This is a two-semester, one-credit, writing-intensive class for sophomore students who wish to be academically challenged. The course blends World Literature with World History, giving students an insight into relationships between the two areas. Assignments involve reading Ancient literature through 18th century literature, writing compositions as well as research papers, and improving English usage and grammar skills. Some projects will offer

students opportunities to use their artistic talents, if they so choose. The class is taught in conjunction with World Studies – History and takes the place of English 2-A. This course is a weighted course.

World Studies – English – 10th grade.

Title: SPEECH COMMUNICATIONS

Grade Level: 10

Credit: ½

Length of Course: One Semester

Prerequisite: Successful completion of English 1

Content: This is a one-semester course designed to develop and improve the verbal and nonverbal communication skills essential for success in life. The course will focus on researching, writing, and preparing oral presentations. Students will improve listening and critical thinking skills through peer evaluations.

Title: HONORS SPEECH COMMUNICATIONS

Grade Level: 10

Credit: ½

Length of Course: One Semester

Prerequisite: Successful completion of English 1

Content: This is a one-semester course designed to develop and improve the verbal and nonverbal communication skills essential for success in life. The course will focus on researching, writing, and preparing oral presentations. Students will improve listening and critical thinking skills through peer evaluations. This course is a weighted course.

JUNIOR ENGLISH

Title: ENGLISH 3

Grade Level: 11

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of English 2.

Content: English 3 is a course that stresses reading from American authors, writing, vocabulary, and grammar and usage skills. Students will read short stories, novels, drama, and poetry. The aim of this course will be to enhance the ability of the students to succeed to a level appropriate to post-high school work.

Title: AMERICAN STUDIES-ENGLISH

Grade Level: 11

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of World Studies-English or teacher recommendation. **Enrolling in this class requires enrolling in American Studies-History at the same time.**

Content: American Studies-English is a two-semester, writing-intensive course for students who wish to be challenged academically. Students will have ample opportunities to collectively and individually explore the underlying aspects of our American experience. This course emphasizes higher-order thinking skills through reading American authors and poets, writing essays and research papers, acquiring vocabulary, and improving English usage skills. This course is a weighted course.

Students will be selected for this course on the basis of their past performance in advanced classes, their achievement test scores, and teacher recommendation.

SENIOR ENGLISH

The senior requirement is one-half credit. College-prep students are urged to take Advanced Composition/Grammar and one additional elective to fulfill the requirement. Most four-year colleges require four years of high school English. In addition, the English department urges the college-prep students to take Shakespeare. Students who have completed American Studies-English are urged to take British Literature during their senior year. General students may select a one-semester senior elective to fulfill the senior requirement. These students may also wish to take an additional elective, but only one is required.

Title: ADVANCED COMPOSITION 1 (SAUK ENGLISH 101)

Grade Level: 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of English 2 and adequate ACT test scores or COMPASS completion.

Content: This one-semester, college-level course in essay writing with emphasis on exposition stresses knowledge and application of the rhetorical modes. English 101 presupposes competence in grammar, usage, and mechanics. This course focuses on the writing process (pre-writing, writing, editing, and revising) and the essay (purpose, modes of support, organization, style, and Standard American English). Students will complete an extensive grammar unit and must demonstrate proficiency in this skill. Students will also write and revise six essays, read various scholarly essays that represent different writing methods, analyze these essays for the dominant impression and other literary characteristics, and demonstrate proficient knowledge of MLA citation. Students must be accepted to Sauk Valley Community College to take this course. This course is a weighted course.

Title: ADVANCED COMPOSITION 2 (SAUK ENGLISH 103)

Grade Level: 12

Credit: 1/2

Length of Course: One semester

Prerequisite: ENG 101 with a grade of “C” or higher.

Fee: Dependent on Sauk tuition

Content: This is an advanced course in essay writing with emphasis on formal research; ENG 103 serves to develop proficiency in the collection and selection of data as applied to the completion of a formal research paper.

In addition, students receive instruction in logic and reasoning, including the fundamentals of argumentative and persuasive writing. **Writing Based On Reading:** Writing will be based on several skills, including the ability to properly paraphrase, summarize, and critique scholarly sources, as well as the ability to draw on varying sources in order to analyze scholarly subjects in the form of a research paper that is driven by a research question. This course is a weighted course.

Advanced Composition 2 course objectives are listed within the course content.

Title: ADVANCED SPEECH (SAUK SPEECH 131)

Grade Level: 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of English 3 and Speech Communications and an adequate ACT or COMPASS score.

Content: Speech 131 (Introduction to Oral Communication) is a one-semester course for seniors who have successfully completed English 3 and Speech Communications. This course presents a study of communication theory as applied to speech. This course is designed to improve the ability of students to speak and listen, as well as to increase their own awareness of communicative concepts, principles, and theories. Study will focus on real life communication realms: interpersonal and intrapersonal communication, relationship communication, workplace communication, and cultural-specific communication. Students will be responsible for reading each chapter of the textbook before classroom discussion. Assessment comes in the form of daily discussions, projects, presentations, and exams. Students will engage in formal group discussion, television broadcasting, debate, and public speaking. Successful completion of this course will result in RFHS credit, and the grade is weighted. Students must be accepted to Sauk Valley Community College to take this course.

Title: ADVANCED ENGLISH 4

Grade Level = 12

Credit = 1/2

Length of Course: One semester

Prerequisite = Successful completion of American Studies-English or English 3.

Content: Advanced English 4 is a one-semester, reading-intensive, writing-intensive course designed for college-bound students or students with a love of English literature. Students will study major English writers and poets, write essays and extended responses requiring literary and thematic analysis, conduct research to set historical context for literature, and increase vocabulary skills. Possible course content includes *Beowulf*, *The Canterbury Tales*, a Shakespeare play, *Paradise Lost*, various poems, and excerpts from stories and novels. This course is a weighted course.

Title: ENGLISH 4

Grade Level = 12

Credit = 1/2

Length of Course: One semester

Prerequisite = Successful completion of American Studies-English or English 3.

Content: English 4 is a one-semester, Common Core-driven course for seniors who wish to continue a survey style class that will incorporate reading, writing, speaking, and listening as its primary focus. Students will read several fictional works including but not limited to *The Taming of the Shrew*, *A House on Mango Street*, and *The Contender*. Students will respond to the literature in a variety of ways, including extended response, short answer, group discussion, literary analysis, thematic analysis, research, and journaling. Additional reading will include connection pieces to each major work such as non-fiction articles, poems, and excerpts. Students will be expected to interpret these works and draw conclusions regarding language, style, structure, and theme.

Title: LITERATURE GENRE STUDIES

Grade Level = 12

Credit = 1/2

Length of Course: One semester

Prerequisite = Successful completion of English 3.

Content: This reading-intensive course exposes students to a variety of popular literature genres such as the supernatural, science fiction, fantasy, and mystery. The course includes classic novel works like *Dracula* and modern novel works like *Ender's Game*, as well as drama and short stories. Essays and extended responses related to the literature will be included. Students will be expected to analyze literature and write essays with higher-order thinking skills.

Title: CREATIVE WRITING

Grade Level: 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of English 3.

Content: This course is offered to students who are interested in learning the various forms of self-expression. Various forms of descriptive prose, short stories, journals, and poetry will be explored. Students will also complete activities designed to spark creative and critical thinking. Reviews and comments will be offered by peers as well as by the teacher.

Title: YOUNG ADULT LITERATURE

Grade Level: 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Successful completion of English 3.

Content: Students will read across a variety of genres from best-selling fiction and news sources. There will be an emphasis on student choice in reading selections that highlight social issues such as race, body image, bullying, and mental health. The writing in the course includes literary analysis, in addition to explorations in digital writing such as electronic portfolios and blog posting. The course challenges students to be active readers, critical thinkers, articulate speakers, discriminating viewers, and capable writers. Students reflect on reading assignments, engage in analysis of texts, and respond to contemporary issues and trends. In focused discussions, students also practice asking questions and finding information in the text, which helps them to answer essential questions. It is important when selecting this course to consider that the texts include language and situations that are mature, controversial, and sometimes graphic.

FAMILY & CONSUMER SCIENCES DEPARTMENT

Title: CONSUMER EDUCATION

Grade Level: 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Junior or Senior status.

Content: Consumer education is offered to comply with legislation to provide instruction in consumer education for all students. As the American consumer faces many perplexing problems, it is our purpose to give the student an understanding of our economic system that will help her/him get the most from that system. This purpose is accomplished through a study of the American economy and its operation, and of the major areas in which consumers need help in making wise decisions. Some areas to be studied include: selecting a career; managing money; using credit; buying goods and

services; evaluating advertising; purchasing cars, insurance and housing; and understanding laws, taxation, and government regulations and services in relation to the consumer.

Title: ORIENTATION TO HOME ECONOMICS-FOODS

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Open to all levels of students.

Fee: \$25.00

Content: This class will cover units in basic food preparation and cooking principles. Students will learn measuring techniques, cooking terms, tools, and sanitation and safety rules. They will then apply these principles to prepare milk and egg dishes, quick breads, pasta, cookies, sandwiches, and complete a breakfast meal.

Title: FOODS & NUTRITION I

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Passing Orientation to Home Economics-Foods course or permission of the department head.

Fee: \$25.00

Content: This class will examine the three courses of a meal. Students will prepare appetizers, soups and salads for the first course. They will prepare meat dishes, side dishes, and bread for the second course. They will also prepare desserts for the third course. At the end of the semester students will apply knowledge learned to prepare a three-course meal.

Title: FOODS & NUTRITION 2

Grade Level: 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Students who have passed Orientation to Home Economics-Foods and Foods & Nutrition 1.

Fee: \$25.00

Content: This class will examine national and international foods. Students will learn the history, geography, customs, and foods prepared of various regions of the United States and other countries throughout the world. They will use this information to complete projects and to make meals that represent each region and country.

Title: INTERIOR DECORATION

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: For Sophomore, Junior and Senior students only.

Content: This class examines the types of housing, drawing and using floor plans, furniture arrangement for an apartment, and interior decoration principles as used to design a home. Students will draw a floor plan for a house and use principles learned during the semester to arrange furniture and decide interior decoration for each room within that home. This class is very hands-on and project-based.

Title: CHILDHOOD STUDIES

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: For Sophomore, Junior and Senior students only.

Content: Students will explore the role and responsibilities of parenthood and examine the birth process from pregnancy through delivery. Students will learn the basic physical, social, emotional and intellectual development from birth to age six. Students will also observe and plan activities for preschool children who will visit during the semester.

FOREIGN LANGUAGE DEPARTMENT

Title: SPANISH 1 (160)

Grade Level: 9, 10, 11

Credit: 1

Length of Course: One year

Prerequisite: None – not open to Seniors.

Content: Spanish 1 is an exploratory language-learning experience. Its objective is the progressive development of skill in listening, speaking, reading and writing the language. Inter-cultural differences and similarities are treated informally.

Title: SPANISH 1 FOR HERITAGE LEARNERS

Grade Level: 9, 10, 11

Credit: 1

Length of Course: One year

Prerequisite: Student with interest must earn a 60% or higher on the placement test and must not have taken Spanish 1, 2 or 3

Content: Offers students who speak Spanish at home instruction in language arts and culture in their native language. Reading skills, oral expression, writing mechanics, composition, historical, cultural, and social understandings are stressed. This is a foundation course in reading and writing Spanish for heritage speakers

Title: SPANISH 2

Grade Level: 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: At least a "C" average in Spanish 1.

Content: Spanish 2 is a continuation of the objective of Spanish 1 with emphasis on increased facility in the use of the spoken and written language.

Title: SPANISH 2 FOR HERITAGE LEARNERS

Grade Level: 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Student with interest must earn a 60% or higher on the placement test and must not have taken Spanish 1, 2 or 3

Content: Offers students who speak Spanish at home instruction in language arts and culture in their native language. Reading skills, oral expression, writing mechanics, composition, historical, cultural, and social understandings are stressed. This is a foundation course in reading and writing Spanish for heritage speakers

Title: SPANISH 3

Grade Level: 11, 12

Credit: 1

Length of Course: One year

Prerequisite: At least a "C" average in Spanish 2.

Content: Spanish 3 is a continuation of the objective of progressive development of skills in understanding, speaking, reading and writing. Greater emphasis is placed on reading and writing than in Spanish 1 and 2.

Title: SPANISH 4

Grade Level: 12

Credit: 1

Length of Course: One year

Prerequisite: At least a "C" average in Spanish 3.

Content: Spanish 4 is a continuation of the objective of progressive development of skill in understanding, speaking, reading, and writing. A great deal of time is spent reviewing and reinforcing previously learned skills.

INDUSTRIAL EDUCATION DEPARTMENT

Title: INTRO TO COMPUTER AIDED DRAFTING AND DESIGN (CAD)

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: None

Fee: \$25.00

Content: This course is designed to offer students the opportunity to explore the world of Computer Aided Drafting and Design and to enrich the student's understanding in other courses such as woods, metals, construction, and interior design. This exploratory course focuses on utilizing industry approved software to create and manipulate 2 and 3 dimensional drawings. Students will focus on the basic principles necessary to read, understand, and create drawings and models. In addition, students will have the opportunity to design and create floor plans and models using the software.
Computer Aided Drafting Standards

Title: INTRODUCTION TO WOOD PRODUCTION

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Basic math skills. Maximum of 20 students per class.

Fee: \$25.00

Content: Introduction to Wood Production is a semester class designed to give the students the basic skills and knowledge needed to use hand tools, power equipment, woodworking machines, and materials associated with woodworking in a safe manner. Students will be required to construct at least four projects using the different tools and machines in the lab area.

Title: INTRODUCTION TO MACHINING AND METALS

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Basic math skills. Maximum of 20 students per class.

Fee: \$25.00

Content: Introduction to Machining and Metals is a semester class that provides an introduction to metalworking for the home and industry. Skills will be developed in the area of machining, sheet-metal work, and foundry. Students will get hands-on experience with layout work, precision measurement, precision machining on lathes and mills, casting hot metal in the foundry and various sheet-metal working operations. Skills learned in this class will be utilized in many other classes offered in the Industrial Arts Department.

Title: FUNDAMENTALS OF CONSTRUCTION

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Sophomore status and successful completion of Introduction to Wood Production. Maximum of 15 students per class.

Fee: \$25.00

Content: Fundamentals of Construction is a semester course designed to provide learning experiences related to the erection, installation, maintenance and repair of buildings and related structures. Planned learning activities will allow students to become knowledgeable of fundamental principles and methods to develop technical skills related to masonry, carpentry, electrical wiring, plumbing, heating, ventilation, air conditioning and finished work. Instruction will include safety principles and practices, recognition of standard tools and materials, building concepts and procedures, local, state, and national codes, cost estimating and blueprint reading.

Title: METALS 1

Grade Level: 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Sophomore, Junior or Senior status and successful completion of Introduction to Machining and Metals, or approval of instructor and/or department head. Maximum of 20 students per class.

Fee: \$50.00

Content: This course offers the student an opportunity to further develop skills in machining, sheet-metal work, and foundry work. Machining will include work on the lathe, milling machine, shaper, surface grinder, drill press and band saw. Students will get hands on experience with cutting threads on lathe, using a taper attachment, indexing head, circular milling attachment, and dial indicator. Casting made in the foundry may be used in the machining area. Safety, blueprint reading and precision measurement are also presented. A \$20.00 shop card will be required to cover the cost of materials for the course. Students will be required to provide a pair of safety glasses for their own protection, and a notebook will be examined and graded as a course requirement.

Title: WOODWORKING 1 (WOODS 1)

Grade Level: 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Sophomore, Junior or Senior status and successful completion of Introduction to Wood Production, or approval of instructor and/or department head. Maximum of 20 students per class.

Fee: \$50.00

Content: This course is intended as an introduction to machine woodworking. It is designed to develop an understanding of the various machines and their use and to develop the applied skills necessary for safe and effective use of power tools. An understanding of and appreciation for good design and construction is also intended. Projects will be made with the student providing or purchasing from the school the materials needed. A \$20.00 shop card will be required at the beginning of each semester. Additional materials will be paid for by the student as the year progresses. Students will also be required to provide safety glasses for their own protection while working in the shop area.

Title: WOODWORKING 2 (WOODS 2)

Grade Level: 11, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Junior or Senior status and successful completion of Woods 1, or approval of instructor and/or department head. Maximum of 20 students per class.

Fee: \$50.00

Content: This class is designed for the advanced woodworking student. Much emphasis will be placed on further enrichment of the applied skills and safety learned in Woods 1. The major topic of this course will deal with advanced cabinetry, and to create an understanding of and an appreciation for good design and the different types of construction. A \$20.00 shop card will be required at the beginning of each semester. Additional materials will be paid for by the student as the year progresses. Students will be required to construct at least two projects using different tools and machines in lab area.

Title: WOODWORKING 3 (WOODS 3)

Grade Level: 12

Credit: 1

Length of Course: One year

Prerequisite: Senior status and successful completion of Woods 2 or approval of instructor and/or department head. Maximum of 20 students per class.

Fee: Students are responsible for all financial obligations for projects constructed.

Content: This is a course in Advanced Machine Woodworking for those students who have done well in Woods 2, and wish to increase their skills and further their knowledge at Woodworking, particularly along the lines of furniture construction. This course is designed for more advanced independent study. Students are required to construct projects with a higher degree of accuracy and difficulty, and emphasis on advanced design to challenge their skills.

Title: INTRODUCTION TO POWER MECHANICS

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Sophomore, Junior or Senior status and successful completion of Introduction to Machining and Metals (recommended), or approval of instructor and/or department head. Maximum of 15 students per class.

Fee: \$25.00

Content: Power Mechanics deal with the basic fundamentals of two- and four-cycle small gas engines. Hands on experience in the shop will emphasize carburetion, ignition, and over-haul. Also, various other experiments on horsepower, valve timing, and shop manuals. Each student will be required to supply a small engine and safety glasses. The student is required to purchase a \$20.00 shop card to cover costs of materials for the course. A notebook will be examined and graded as part of the course requirement.

Title: WELDING 1

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Sophomore, Junior or Senior status and successful completion of Introduction to Machining and Metals, or approval of instructor and/or department head. Maximum of 20 students per class.

Fee: \$25.00

Content: The Welding course is designed to teach the student about welding and how to perform basic joining operations. The 18-week course is designed to develop safety in the basic skills of oxy-acetylene welding and cutting, electric arc welding, and inert gas welding. The student is required to purchase a \$25.00 shop card to cover the cost of the materials and equipment for the course. Also, protective glasses, clothing and gloves will need to be supplied by the student. Maximum enrollment - 20 students per class. This class is a prerequisite for Welding and Fabrication at WACC.

Title: WELDING 2

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Sophomore, Junior or Senior status and successful completion of Welding 1. Maximum of 20 students per class.

Fee: \$25.00

Content: This course provides the student with the understanding and experiences related to welding safety, gas metal arc welding (Mig), shielded metal arc welding (Stick), gas tungsten arc welding (Tig), oxyacetylene welding/cutting, and plasma cutting. Planned learning activities will allow the student to become knowledgeable of welding fundamentals and provide training to develop the manual skills necessary to make high quality welds in all positions using the previous welding methods mentioned. A \$25.00 shop card, safety glasses, protective clothing, and gloves will also be required.

MATHEMATICS DEPARTMENT

Title: Algebra I

Grade Level: 9, 10, 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Recommendation of previous instructor or placement test score.

Content: There are 11 topics that will be the focus of Algebra I.

- Topic 1: Solving Equations and Inequalities
- Topic 2: Linear Equations
- Topic 3: Linear Functions
- Topic 4: Systems of Linear Equations and Inequalities
- Topic 5: Piecewise Functions
- Topic 6: Exponents and Exponential Functions
- Topic 7: Polynomials and Factoring
- Topic 8: Quadratic Functions
- Topic 9: Solving Quadratic Equations
- Topic 10: Working with Functions
- Topic 11: Statistics

Title: Geometry

Grade Level: 9, 10, 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Recommendation of previous instructor or successful completion of Algebra I with a “C” or above each semester.

Content: There are 11 topics that will be the focus of Geometry.

- Topic 1: Foundations of Geometry
- Topic 2: Parallel and Perpendicular Lines
Students will experiment
- Topic 3: Transformations
- Topic 4: Triangle Congruence
- Topic 5: Relationships in Triangles
- Topic 6: Quadrilaterals and Other Polygons
- Topic 7: Similarity
- Topic 8: Right Triangles and Trigonometry
- Topic 9: Coordinate Geometry
- Topic 10: Circles
- Topic 11: Two- and Three- Dimensional Models
- Topic 12: Probability

Title: ALGEBRA 2

Grade Level: 10, 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Recommendation of previous instructor or successful completion of Algebra I with a “C” or better each semester.

Content: There are 12 topics that will be the focus of Algebra 2.

Title: PRE-CALCULUS (02110A000)

Grade Level: 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Successful completion of Advanced Algebra, with a “C” or above each semester.

Content: This course, intended for a graphing calculator required pre-calculus course, shows students when and how to use concepts, and promotes real understanding not just rote memorization. In addition, the graphing calculator is used as a tool to help explain ideas rather than merely to find answers. The textbook makes use of real world data in presenting a balanced algebraic and graphical approach to understanding pre-calculus concepts. The result is a thorough preparation for a calculus course.

Chapter topics include: *Functions and Graphs, *Polynomial, Power and Rational Functions, * Exponential, Logistic and Logarithmic Functions, *Trigonometric Functions, *Analytic Trigonometry, *Vectors, Parametric Equations, and Polar Equations, *Systems and Matrices, *Analytic Geometry in Two and Three Dimensions, *Discrete Mathematics, *An Introduction to Calculus: Limits, Derivatives, and Integrals.

Title: TRANSITIONAL MATH

Grade Level: 12 **Credit:** 1 **Length of Course:** One year

Content: Unit 1: Personal Finance
Unit 2: Statistics & Predictions in Everyday Life
Unit 3: Constructing Our World
Unit 4: Math in Decision Making
Unit 5: Capstone Project – Starting a Business

Title: STATISTICS (SAUK MAT 240)

Grade Level: 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Successful completion of Advanced Algebra with a grade of C or better each semester, and recommendation of previous instructor.

Content: This course introduces the basic concepts in statistical methods, including measures of central tendency, measures of dispersion, probability, theoretical and empirical distribution, estimation, tests of hypotheses, linear regression and correlation.

Title: MUSIC THEORY

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: Have you ever wanted to learn how to read music?...then this class is for you. Music Theory will help you recognize, understand, and describe the basic materials and processes needed to compose a piece of music and become a better musician. To accomplish this high-level of understanding, students will complete written exercises that address the fundamental, analytical, and compositional skills of music. Tests will be given for each chapter of the text. Building on this foundation, we will progress to include more creative tasks, such as building chords with Oreos!, analyzing Pop music and composing simple melodies. For the Final project, students will apply the skills they have acquired over the course of the semester and create their own, unique composition.

Title: MUSIC APPRECIATION

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: Don't know how to read music, but enjoy listening to it? Music Appreciation is the class for you!! In this class, students will broaden their music awareness and appreciation for a variety of music. Listening, responding, and analyzing music will be a major focus of the class. Students also will understand the development of Western music genres, such as Jazz, Rock-n-Roll, and Pop, from their beginnings to present day. By the end of the class, students will have an appreciation of the importance of the arts in relation to history, cultures, and our society.

PHYSICAL EDUCATION DEPARTMENT

Title: PHYSICAL EDUCATION

Grade Level: 9, 10, 11, 12

Credit: 3

Length of Course: Three years

Prerequisite: P.E. must be taken for one semester per year during the Freshman and Sophomore years (total 2 semesters) and two semesters per year during the Junior and Senior years (total 4 semesters), for a total of 6 semesters.

Content: Physical Education is designed to help develop the students physically, mentally, and contribute to the student's emotional and social well being through participation. Some activities offered are basketball, badminton, mush ball, archery, golf, recreational games, volleyball, jogging, running, flag-football, speed-a-way, soccer, conditioning, fitness tests, bowling, and track and field, to mention a few. The adopted uniform for boys and girls are gray shirts/sweatshirts and black shorts/sweatpants.

Students may be excused from Physical Education for the following reasons only:

- Under the direction of a physician or school nurse in the case of short-term duration or an emergency. **NOTE: A student must be in P.E. class at least 12 full weeks to receive credit.**
- An 11th or 12th grade student and a member in good standing of an athletic team, cheerleader, or dance team, or a member of the marching band participating in drum-line or flags.
- An 11th or 12th grade student who, in order to be granted admission to an institution of higher learning, must complete a specific academic course not included in existing minimum graduation requirements, and his/her current schedule of classes will not permit enrollment in this class.
- An 11th or 12th grade student who lacks sufficient course credits in one or more specific courses in order to meet state and local graduation requirements.

Title: LIFETIME FITNESS

Grade Level: 11/12

Credit: 1/2

Length of Course: One Semester

Prerequisite: Successful completion of PE 1 and PE 2

Content: This class is designed for students who want to learn about and who enjoy participating in lifelong fitness activities. Students will participate in activities that are intended to increase body strength, flexibility, and endurance as well as improve and develop techniques in fitness related activities. Students will be introduced to a variety of fitness based activities including the following: kickboxing, strength training and toning, ZUMBA, Pilates, yoga, kettlebell, and/or High Intensity Interval Training (HIIT). The class will also incorporate weekly personal journals to reflect on fitness levels, goals, and healthy lifestyle influences.

Title: WEIGHTLIFTING

Grade Level: 10-12

Credit: 1/2

Length of Course: One semester

Prerequisite: PE/1-Health

Content: The emphasis in this course is on muscular strength, endurance, flexibility, and safety. The core lifts in this course include back squats, power and hang cleans, bench press, deadlift. Weight room safety, warm-up/cool down procedures, lifting technique and safety for all lifts, major muscle identification, and individual goal setting are all important components in this course.

Title: HEALTH

Grade Level: 9, 10

Credit: 1/2

Length of Course: One semester

Prerequisite: Students are required to enroll in one semester of Health during the four years of high school, preferably during the Freshman or Sophomore years.

Content: The course is an introduction course designed to help the student cope with health problems that will be encountered in life. The following topics will be covered: human ecology and health, human growth and development, prevention and control of disease, public and environmental health, consumer health, safety and disaster survival, mental health and illness, personal health habits, alcohol, drug abuse and use, tobacco, nutrition, dental health, conflict resolution, wellness and bullying.

SCIENCE DEPARTMENT

Title: BIOLOGY 1

Grade Level: 9, **Credit:** 1 **Length of Course:** One year

Content: Biology 1 is a required course for freshmen, designed to meet the needs of a wide range of abilities. The students will be exposed to a wealth of functional information of the plants and animals and the many processes and principles involved in their life activities. Areas stressed include vertebrate biology, invertebrate biology, botany and ecology.

Title: BIOLOGY 2

Grade Level: 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Successful completion of Biology 1 and Environmental Geo Science or Chemistry 1, with a grade of "C" or better.

Content: Biology II is an elective for juniors and seniors who have successfully completed Biology I and EGS with a grade of "C" or higher. Biology II will provide a much more in depth survey of biology topics that were presented in first year biology. Students will focus on understanding important relationships, processes, mechanisms, and potential extensions and applications of concepts. The following topics will be covered: cellular respiration, pathology (bacteria, viruses, parasites, disease), cell division, genetics, DNA, bioethics, evolution, ecology.

Title: ANATOMY & PHYSIOLOGY (A &P)

Grade Level: 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Successful completion of Biology I and EGS.

Content: A&P is an elective for junior and senior students who have completed Biology I and EGS. Students study diseases and at the same time learn structure and function of the various organs and organ systems. Medical terminology is presented and viewed as a way to communicate and to think effectively when dealing with the subject of A&P.

Title: CHEMISTRY 1

Grade Level: 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Successful completion of Algebra I, with a grade of "C" or better.

Content: Chemistry 1 presents the fundamental background in inorganic and environmental chemistry. One unit of credit is granted for the successful completion of the course.

Title: AP CHEMISTRY 2

Grade Level: 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Successful completion of Chemistry 1.

Content: This course of study is designed for those students who have successfully completed Chemistry 1 with a grade of "C" or the consent of the instructor. The course presents a wide array of topics to be discussed within the areas of nuclear chemistry, organic, and biochemistry.

Title: HONORS ENVIRONMENTAL GEO SCIENCE (E/G SCIENCE)

Grade Level: 10, **Credit:** 1 **Length of Course:** One year

Prerequisite: Successful completion of Biology 1 and Sophomore status along with a recommendation by the BIO 1 teacher. Successful completion of Algebra I and/or Geometry

Content: This course will provide Sophomore students with an honors-level high school and college-prep earth science curriculum and a solid basis to move on to more advanced science courses. Areas of study include: geology, oceanography, weather, astronomy, space science and ecology. Students will be able to demonstrate their understanding of these concepts through extended research laboratory activities, research projects, reading and discussing current research published in leading scientific journals, and teamed debates of current science issues.

Title: ENVIRONMENTAL GEO SCIENCE (E/G SCIENCE)

Grade Level: 10, 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: Successful completion of Biology 1 and Sophomore status.

Content: This course is for sophomores who have successfully completed Biology 1. Environmental Geo Science is designed to improve students general understanding of the physical science phenomena related to the earth upon which we live. Areas of study include: geology, oceanography, weather, astronomy, space science and ecology.

Students will be able to demonstrate their understanding of the reinforcing interactions between energy and matter. Students will be able to explain the relationships between the Earth, universe, and stars in terms of their different origins, characteristics, and processes of change.

Title: PHYSICS

Grade Level: 11, 12 **Credit:** 1 **Length of Course:** One year

Prerequisite: One year of mathematics beyond Algebra I, and Junior or Senior status.

Content: This course is designed for junior or senior students who have successfully completed one year of mathematics beyond Algebra I, or with the consent of the instructor. The general topics covered are: laws of motion and energy, machines, heat and gas laws, astronomy, photography, optics, sound, electricity and magnetism, and nuclear physics.

SOCIAL STUDIES DEPARTMENT

Title: WORLD GEOGRAPHY

Grade Level: 9, 10, 11

Credit: 1

Length of Course: One year

Prerequisite: Freshman, Sophomore or Junior status.

Content: World Geography is a yearlong course which will provide students the opportunity to explore the world that exists around them. Geography examines where things are located and how they got there. It is also the study of human interaction with the environment. World Geography includes the study of land and water features, history, social life, economies, and governments around the world. The World Geography course will also focus on the impact of Geography in society and current events today. In addition, this course will focus on the use of maps and other geographic tools with special emphasis on countries, cities, landforms, and water features all around the world. This course may be taken as a full year or by semester.

Title: CIVICS

Grade Level: 9, 10

Credit: 1/2

Length of Course: One semester

Prerequisite: Freshman or Sophomore status.

Content: This is a required course that needs to be completed before graduation. Civics will survey the structure and political processes of the Federal Government, the state of Illinois, its local government and the American Economic System. The course also includes the development of the Constitution and our form of government, voting and elections, the foundations of citizenship, civil and criminal law, and the operation of the government.

Title: WORLD HISTORY

Grade Level: 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Sophomore, Junior or Senior status.

Content: This is an elective course that traces the developments leading to civilization and studies the civilizations that have contributed to world history. The course focuses on Greek and Roman Civilizations, Feudalism, the Renaissance, the Reformation, the Rise of Nations, the Age of Revolutions, the Industrial Revolution, the World at War, Cold War and post-Cold War. The course develops an appreciation of the world's past and present promise, problems and development. The course includes lecture, discussion, reports, and use of audio-visual materials.

Title: WORLD STUDIES-HISTORY

Grade Level: 10

Credit: 1

Length of Course: One year

Prerequisite: By invitation only. **Enrolling in this class requires enrolling in World Studies-English at the same time.**

Content: This is a full-year, one-credit, class for sophomore students who wish to be academically challenged. Assignments involve reading, writing, and speaking, and some assignments will offer students opportunities to use their artistic talents, if they so choose. This class is taught in conjunction with World Studies-English.

Title: AMERICAN HISTORY

Grade Level: 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Junior or Senior status.

Content: The state of Illinois requires this course for graduation from high school. The course traces American History in a thematic approach through the following major periods: Exploration, Colonization; Revolution and Independence; Jeffersonian and Jacksonian Democracy; Sectionalism; Civil War; Reconstruction; Industrialism, Populism and Progressivism; World Power; Prosperity and the 20's; Great Depression and the New Deal; World War II; Cold War and Post-Cold War. The twentieth century is emphasized. Major political, economic, geographic, social and cultural events are emphasized throughout. The course includes lectures, discussion, reports and use of audio-visual material.

By the end of 11th grade, students will be able to:

- Analyze cause and effect relationships as they relate to historical events
- Understand the impact of political parties on America
- Analyze political ideologies
- Understand the tentative nature of historical perspective in relation to the time period, explain how globalization affects your life, interpret and analyze graphs political cartoons, charts and maps
- Analyze Reading in the Content Area

Title: AP US HISTORY

Grade Level: 11

Credit: 1

Length of Course: One year

Prerequisite: By invitation only. **Enrolling in this class requires enrolling in American Studies-English at the same time.**

Content: This course is primarily intended for those students who have been identified as gifted/talented. The primary format of this course, which replaces Advanced American History, will be seminar in nature. Students will have ample opportunities to collectively and individually explore the underlying aspects of our American experience. Thematic areas that will be covered are: politics, social/cultural aspects, militarism, economics, religion and literary philosophy/interpretations.

Students will be selected for this course on the basis of their past performance in advanced classes, their achievement test scores, staff and parental recommendations/assessments.

Title: FUNDAMENTAL AMERICAN HISTORY

Grade Level: 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Junior or Senior status.

Content: This course covers the same content areas as American History.

Title: SOCIAL PSYCHOLOGY

Grade Level: 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Junior or Senior status.

Content: Social Psychology is designed to introduce the student to the major theories of personality development. Throughout the course, the role of interpersonal relationships and societal pressures are stressed. The course content aims at an improved self-image, a betterment of interpersonal relationships and the development of an understanding of Psychological terminology. Social Psychology is recommended for all students.

Title: SOCIOLOGY

Grade Level: 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Junior or Senior status.

Content: Sociology evaluates the roots of our culture, its current condition and future direction. Attention is given to current problems facing today's students and to sub-groups found in our culture. Additionally, the class develops sociological vocabulary and theories regarding man's group interaction.

Title: ECONOMICS

Grade Level: 11, 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Junior or Senior status with required GPA of 3.0 and/or teacher recommendation.

Content: Economics evaluates the decision-making techniques and challenges of our nation. These decisions are seen on a personal, corporate, national and international scale. Through the understanding of basic economic laws, the student will see the interrelationship of the world and our place in it. The course is divided equally among Personal, Microeconomics and Macroeconomics. Discussions will include the development of: supply versus demand side theory, the role money plays in the economy, personal finance decisions, national income accounting, international trade and corporate business decisions. Economics is offered to students who have shown an ability to succeed and are considering a college future. Course content and methods will reflect a college preparatory curriculum. Economics satisfies the State of Illinois mandate for Consumers Education and the school's social studies requirement and receives a weighted grade.

Title: HOLOCAUST AND GENOCIDE STUDIES

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: The course *Holocaust and Genocide Studies* investigates examples of genocide in the twentieth and twenty-first centuries, including the Holocaust, Armenia, Cambodia, Bosnia, Rwanda, and Darfur. Students investigate basic theories of human behavior, look at the causes of prejudice, and examine the concept of genocide. They also examine the history of anti-Semitism, the post-World War I period and the rise of Nazism, the post-World War II period in Europe, the importance of resistance and intervention, and larger issues of conscience and moral responsibility. In addition, students will analyze examples of modern genocide and identify strategies to promote tolerance. Throughout the course, students will reflect upon what they have learned and examine the implications of the Holocaust and the other examples of genocide in the contemporary world.

Students will be exposed to a variety of sources including historical documents, literature, films and survivor testimonies. Student-centered discussion, reflective writing, independent research and group projects are emphasized the help students develop a personal understanding of genocide and the meaning for today's world.

Title: AMERICAN GOVERNMENT

Grade Level: 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Senior status.

Content: This is a required course designed to survey the structure and political processes of the Federal Government, the State of Illinois and its local governments. The course also includes development of the Constitution and our form of government, principles of the Constitution, civil rights, political parties, voting, nomination and elections, public opinion and interest groups, and the operation of the government. The course, through a Constitution test, meets the requirements of Illinois Public Law 195 for graduation from a state-supported institution.

Title: FUNDAMENTAL AMERICAN GOVERNMENT

Grade Level: 12

Credit: 1/2

Length of Course: One semester

Prerequisite: Senior status.

Content: This course covers the same content areas as American Government.

Title: AP GOVERNMENT

Grade Level: 12

Credit: ½ (weighted)

Length of Course: One semester

Fee: \$90.00

Prerequisite: Senior status with the required GPA of 3.0 and/or teacher recommendation.

Content: This course is designed to give students an analytical perspective on government and politics in the United States. The curriculum used is designed 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.

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.

Title: INDEPENDENT STUDY

Grade Level: 12

Credit: 1

Length of Course: One year

Prerequisite: Senior status.

Content: The Social Studies Department offers this advanced study on the Senior level. This class is designed to provide the student the opportunity for advanced independent research in a relevant area under the direction of an instructor. Application for this course may be made with any social studies instructor and is subject to approval by the Social Studies Department. This class may not be substituted for regular senior social studies classes but must be taken in addition to these. Credit can be arranged on a semester or yearly basis.

SPECIAL EDUCATION DEPARTMENT

The following courses are available for the special needs students.

Title: ENGLISH I (800/801)

Grade Level: 9

Credit: 1

Length of Course: One year

Content: This course is designed to provide the students with basic instruction in spelling, vocabulary, reading comprehension, grammar, composition, and a survey of classic and contemporary literature. Students will have weekly spelling and vocabulary instruction. They will read independently and report on one book per quarter.

Title: ENGLISH II (802/803)

Grade Level: 10

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of English I.

Content: This course is designed to provide the students with intermediate instruction in spelling, vocabulary, reading comprehension, composition, a survey of classic and contemporary literature, and speech. Students will have weekly spelling and vocabulary instruction. They will have one quarter of speech designed to help with presentations and public speaking. They will also read independently and report on one book each quarter.

Title: ENGLISH III (804/805)

Grade Level: 11

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of English II.

Content: This course is designed to provide the students with advanced instruction in spelling, vocabulary, and reading comprehension. "Real Life" English skills will be the focus of writing instruction. Students will have weekly spelling and vocabulary instruction, and independently read and report on one book per quarter.

Title: ENGLISH IV (806/807)

Grade Level: 12

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of English III.

Content: This course is designed to provide the students with advanced instruction in spelling, vocabulary, and reading comprehension, as well as career knowledge. Students will have weekly instruction in spelling and vocabulary and will be required to read three novels during the year and report on them. This course will also introduce necessary steps in obtaining and keeping a job. Writing skills will be practiced through report writing, applications, and resumes.

Title: MATH CONCEPTS I (816/817)

Grade Level: 9, 10, 11, 12

Credit: 1

Length of Course: One year

Content: This course briefly reviews the four basic operations with whole numbers. The main focus of the course is on learning to apply the four operations to fractions and decimals. Students develop more refined geometry skills, learning to calculate perimeter, area, and volume for a variety of shapes. Rates, ratios, and probability are also introduced at this level.

Title: MATH CONCEPTS II (810/811)

Grade Level: 9, 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Recommendation of previous instructor or successful completion of Fundamental Math Concepts.

Content: This course provides students with a basic Algebra 1 course covering all the topics required to meet testing and curriculum guidelines. The text reinforces material from previous math courses, and prepares students for future math study. It provides numerous exercises and a spiraling approach to give students multiple ways to practice the same skill. Numerous examples incorporate reasoning and problem solving – allowing students to see how skills apply to situations in their everyday lives.

Title: MATH CONCEPTS III (812/813)

Grade Level: 9, 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Recommendation of previous instructor or successful completion of Basics of Algebra I or equivalent course.

Content: This course provides students with a basic geometry course covering all the topics required to meet testing and curriculum guidelines. The course provides numerous exercises and review giving students multiple ways to practice the same skill. Numerous examples and activities allow students to see how skills apply to situations in their everyday lives.

Title: PHYSICAL SCIENCE (820/821)

Grade Level: 9, 10, 11, 12

Credit: 1

Length of Course: One year

Content: This course is designed to expose the student to a general understanding of the physical phenomena related to the earth. Areas of study include: geology, oceanography, weather, astronomy, and space. **This course is offered every other year.**

Title: AMERICAN GOVERNMENT (823)

Grade Level: 11, 12

Credit: 1/2

Length of Course: One semester

Content: This course is designed to provide the student with a basic understanding of the United States system of government. Students will be instructed in the following areas: early beginnings of the American government, the United States constitution, federal government, state and local governments, and the American judicial system. Each student will be required to successfully pass a United States constitution test.

Title: FUNDAMENTAL CIVICS (809)

Grade Level: 9, 10

Credit: 1/2

Length of Course: One semester

Content: American Civics is a semester course for students with IEP's. The course will provide students with information pertaining to the United States governmental system, economics and citizenship. Students will be given information about national, state and local governments. In addition,

students will learn about the economic system in the United States, as well as in other countries. The rights and responsibilities of citizens and the naturalization process are also featured in this course.

Title: CONSUMER EDUCATION (822)

Grade Level: 10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: This course is designed to help develop the skills necessary to become a successful consumer. The topics covered are: finding and applying for a job, opening a checking account, obtaining credit and applying for a credit card, understanding your income taxes, budgeting, insurance, owning and operating a car, housing, investment opportunities, and consumer protection topics.

Any student may request to take a proficiency examination offered in February by the State of Illinois. If the student passes the test she/he is exempt from taking the Consumer Education course. Exemption status only is granted for successful completion of the test. Credit for the Consumer Education course is not granted.

Title: STUDY SKILLS (828/829/929/930)

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One year

Prerequisite: Must be an IEP student and have teacher recommendation.

Content: The goal of the Study Skills program is to aide student learning in their academic classes, improve organizational skills, and improve self-advocacy skills. This will be done through added individual help with homework/tests, assistance with organization, and self-advocacy training.

Title: ENGLISH I - IV (900/901/902/903)

Grade Level: 9, 10, 11, 12

Credit: 1

Length of Course: One year

Prerequisite: Successful completion of English I (900).

Content: This course is designed to provide students with basic instruction in spelling, vocabulary, grammar, composition, and comprehension in the study of a novel, plays and short stories. Students will complete a daily journal assignment and independently read and report on one book report each quarter. Students will also complete a Computer Awareness unit in the computer lab, which will introduce them to basic computer skills.

Title: HEALTH (824/908)

Grade Level: 9, 10

Credit: 1/2

Length of Course: One semester

Content: The course is an introductory course designed to help the student cope with health problems that will be encountered in life. The following topics will be covered: human ecology and health, human growth and development, prevention and control of disease, public and environmental health, consumer health, safety and disaster survival, mental health and illness, personal health habits, alcohol, drug abuse and use, tobacco, nutrition and dental health.

Title: FAMILY PROBLEMS (904/905 - 4 yr rotation)

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: This course is designed to help the student become more adept in family living skills. Units of study include topics dealing with sexual education, marriage, banking, insurance, nutrition, childcare and problems of our society.

Title: ILLINOIS LIVING (913/914 - 4 yr rotation)

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: This course will acquaint the student with the basic aspects of Illinois living. It will include cultural, economic, and physical aspects of the state. Map skills are used to help students understand the relationships between natural resources, industrial development, and population growth.

Title: READING (923/924)

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length of Course: One semester

Content: This course is designed to provide reading instruction and practice for word attack and critical thinking skills to improve the reading ability and comprehension of each individual student.

ROCK FALLS HIGH SCHOOL WORK PROGRAM

Title: COOPERATIVE WORK TRAINING (CWT)

Grade Level: 11, 12

Credit: 1/2 – 1

Length of Course: One semester, may be repeated

Content: Rock Falls High School work program will be offered to junior or senior “at risk” students who are 16 years of age or older. These students are in jeopardy of non-graduation. Students are responsible for finding their own job and must have a good attendance record. The job must have a supervisor who is willing to participate in the work program.