

# **WARREN HIGH SCHOOL ACADEMIC HANDBOOK**



**WARREN HIGH SCHOOL  
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WARREN, AR 71671  
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# **WARREN HIGH SCHOOL**

## **ENROLLMENT INFORMATION BOOKLET & CURRICULUM GUIDE**

### **FOR GRADES NINTH (9) THRU TWELFTH (12)**

The information contained in this booklet outlines the courses which may be pursued at the various grade levels. These offerings are extensive and varied, and the flexibility of choice permits each pupil to elect a course of study that challenges his ability and is in harmony with his interest and goals.

To ensure that every pupil shall have a sound education in the fundamentals and a broad educational experience, it is necessary that certain courses be taken to meet graduation requirements; some to meet state laws and other courses may be chosen to fit individual needs and plans. In order that the greatest benefit be received, it is necessary that wise subject choices be made. Some students, because of the particular type of ability and future plans, should follow a program that will provide them with occupational skills that will prepare them either for employment when they finish high school or to pursue their education beyond the secondary level. Other students, because of their success in academic subjects and future plans, should take a strong college preparatory course.

The counselor can provide information regarding what subjects you should take. A comprehensive testing program has been developed and the results of the tests can be obtained from the counselor. The results of these tests in ability and achievement, combined with your grade achievement in school, will provide you with information you need to make decisions about your future plans. We urge you to use the services of your teachers and the school counselor in determining what subjects you should take. A program of study can be only as effective as the understanding between the home, school, and pupil permits.

This booklet has been compiled to aid you in completing your high school enrollment. It sets forth the requirements for graduation and gives a description of content for all courses offered.

# ALMA MATER

Hail to the Warren High.  
Cheer them along the way.  
Onward to victory,  
May we win again today.  
We'll give a cheer for the Warren High.  
Long may they reign supreme.  
Shout till the echoes ring  
For the glory of our team.

## SCHEDULE FOR THE SCHOOL DAY

Preparation Bell .....	7:48
Announcements & Pledge .....	7:53 – 8:05
1 <sup>st</sup> Period.....	8:05 – 8:50
2 <sup>nd</sup> Period.....	8:55 – 9:40
3 <sup>rd</sup> Period.....	9:45 – 10:30
4 <sup>th</sup> Period .....	10:35 – 11:20
A Lunch.....	11:25 – 11:55
5A Period.....	11:25 – 12:10
5B Period.....	12:00 – 12:45
B Lunch .....	12:15 – 12:45
6 <sup>th</sup> Period .....	12:50 – 1:35
7 <sup>th</sup> Period .....	1:40 – 2:25
8 <sup>th</sup> Period .....	2:30 – 3:15

# **REQUIREMENTS FOR GRADUATION**

## **STUDENTS MUST EARN A MINIMUM OF 24 CREDITS IN GRADES 9-12**

The following 17 credits shall be required for **all** students for high school graduation:

- A. English.....4 credits
- B. Math.....4 credits
- C. Science.....3 credits  
(1 Life Science and 1Physical Science are required.)
- D. Social Studies.....3 credit  
(1 credit in American History, 1 credit in World History and ½ credit in Civics are required.)
- E. Physical Education/Health.....1 credit

### **NO SUBSTITUTES**

- F. Fine Arts.....1/2 credit  
The following courses will meet the Fine Arts requirement:  
Band, Choir, Art and Survey of Fine Art
- G. Oral Communication.....1/2 credit
- H. Computer Science .....1 credit  
Computer Business Applications

TOTAL CREDITS SPECIFIED.....17 CREDITS

ELECTIVE CREDITS (you select).....7 CREDITS

NECESSARY FOR GRADUATION.....24 CREDITS

**\*\*These credits are for a core curriculum diploma. See your handbook for additional requirements for honor graduates.**

**STUDENTS MUST ALSO HAVE A GRADE POINT AVERAGE OF 1.60 CUMULATIVE FOR GRADES 9-12 TO RECEIVE A DIPLOMA.**

## **HIGH SCHOOL GRADUATION REQUIREMENTS**

17 of the following units are required for all students:

- ~4 units English
- ~1/2 unit Oral Communication
- ~4 units Mathematics
- ~3 units Science (1 Physical & 1 Biological)
- ~3 units Social Studies
- ~1/2 unit Physical Education
- ~1/2 unit Health and Safety Education
- ~1/2 unit Fine Arts
- ~1 Computer Science (CBA)

All students must be enrolled in the common core curriculum for 17 required units, the remaining 7 units being electives, for a total of 24 units. Students are encouraged to select electives which will enhance their career major.

## **HOW TO GRADUATE WITH HONORS**

Students who have high academic expectations are encouraged to pursue this program of study. Distinctions of honor include:

VALEDICTORIAN  
SALUTATORIAN  
HONOR GRADUATE

\*Students should check the Warren High School Handbook for course requirements.

# FOUR YEAR PLAN

Name \_\_\_\_\_  
(Last Name) (First Name)

CAREER GOAL \_\_\_\_\_

## FOUR-YEAR PLANNING SHEET

Each year, please list courses in the following order:

English, Math, Science, Social Studies, other required courses and then  
electives. Be specific as to which math, science and social studies course.

### 9<sup>th</sup> Grade

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 10<sup>th</sup> Grade

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 11<sup>th</sup> Grade

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

### 12<sup>th</sup> Grade

1. \_\_\_\_\_
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_
8. \_\_\_\_\_

## CREDIT CHECK LIST

<b>ENGLISH</b>	<b>SEM. 1</b>	<b>SEM. 2</b>	<b>SCIENCE</b>	<b>SEM. 1</b>	<b>SEM. 2</b>
I	_____	_____	Physical Science	_____	_____
II	_____	_____	Biology	_____	_____
III	_____	_____	Science Elective	_____	_____
IV	_____	_____			

<b>MATH</b>	<b>SEM. 1</b>	<b>SEM. 2</b>	<b>SOC. STUDIES</b>	<b>SEM. 1</b>	<b>SEM. 2</b>
Alg. I	_____	_____	Civics	_____	_____
Alg. II	_____	_____	U. S. History	_____	_____
Geometry	_____	_____	World History	_____	_____
Trig/Cal or Discrete	_____	_____			

### **OTHER REQUIRED COURSES**

Fine Arts	_____	P. E. /HEALTH	_____	_____
Oral Communications	_____	Computer Science	_____	_____

#### **9<sup>th</sup> Grade Electives**

_____	_____	_____
_____	_____	_____
_____	_____	_____

#### **10<sup>th</sup> Grade Electives**

_____	_____	_____
_____	_____	_____
_____	_____	_____

#### **11<sup>th</sup> Grade Electives**

_____	_____	_____
_____	_____	_____
_____	_____	_____

#### **12<sup>th</sup> Grade Electives**

_____	_____	_____
_____	_____	_____
_____	_____	_____

**TOTAL CREDITS**      9<sup>th</sup> \_\_\_\_\_      10<sup>th</sup> \_\_\_\_\_      11<sup>th</sup> \_\_\_\_\_      12<sup>th</sup> \_\_\_\_\_

## COURSE SELECTION REQUIREMENTS

1. Students in grades 9-12 must enroll in a minimum of 8 courses.
2. Students may not enroll in courses in which credit has already been received without special permission.
3. Students may not enroll in more than one (1) student center period during any semester.

### PRACTICAL ARTS

Includes any course from the following departments:

Business  
Family & Consumer Science  
Internship  
SEACBEC  
Agriculture

### FINE ARTS

Includes any course from the following departments:

Music  
Art  
Drama

## SCHEDULE CHANGES

Schedule changes are handled in accordance with the following guidelines:

1. Request to drop a class, add a class, or otherwise alter a student's daily schedule must be made in writing through the counselor's office. Students are allowed five (5) school days at the beginning of the school year for year-long courses.
2. If a student drops a class any time after five (5) days, the grade for the class will be reflected on the transcript as an "F" and will be figured into the student's cumulative GPA.

## GRADING

The following uniform marking system has been adopted for use in all secondary schools in Arkansas:

**A = 90-100%**

**D = 60-69%**

**B = 80-89%**

**F = Below 60%**

**C = 70-79%**

**I = Incomplete**

“I” indicates that the student has not completed all work for the grading period. The “I” may be given when the student is granted an extension of time for making up work missed because of extended illness. Incomplete grades are the responsibility of the students, and he/she must make arrangements for completing the work necessary for a permanent grade. An incomplete grade will automatically become an “F” three weeks after the end of the grading period.

## GRADE POINT AVERAGE

To calculate the GPA, convert letter grades to quality points. Divide total quality points by the total semester courses attempted.

$$\text{GPA} = \frac{\text{Total Quality Points}}{\text{Total Semesters Attempted}}$$

For example:  
1<sup>st</sup> semester

<u>Subject</u>	<u>Grade</u>	<u>Quality Points</u>	<u>Semesters Attempted</u>
English	A	4	1
Math	B	3	1
Biology	C	2	1
Social Studies	B	3	1
PE	A	4	1
Band	A	4	1
Study Hall	-	---	---
	TOTALS	20	6

$$\text{GPA} = \frac{20}{6} = 3.3333$$

AP Courses receive the following:

<u>Grade</u>	<u>Quality Points</u>
A	5
B	4
C	3
D	2
F	0

# COURSE DESCRIPTIONS

## LANGUAGE ARTS COURSES

### A. ENGLISH REQUIRED COURSES

COURSE TITLE	ENGLISH 9
GRADE LEVEL	9 <sup>th</sup>
PREREQUISITE	NONE

English I is a survey of various literary genres. Included will be drama, novels, short stories, nonfictional works, mythology, personal narratives, and poetry. Grammar, vocabulary, mechanics, sentence structure, and study skills are emphasized. Various discourses of writing will be practiced. Grammar exercises will be used to correct weak areas in composition. Library skills and research will be covered and works portraying these skills will be documented in the student's portfolio for future reference. A portfolio is a required and will advance yearly with the student.

COURSE TITLE	PRE-AP ENGLISH 9
GRADE LEVEL	9 <sup>TH</sup>
PREREQUISITE	NONE

Pre-AP English 9 serves as a prerequisite for advanced Literature and Composition; therefore, a rigorous curriculum will follow. This will include a reading list and an in-depth focus on the discourses of writing. Pre-AP English I is a survey of various literary genres. Literary elements are identified and analyzed. The different discourses of writing will be covered through composition. Library skills and research will be studied and works portraying the use of these skills will be placed in the student's portfolio for future reference. A portfolio is a requirement and will advance yearly with the student. Student Learner Expectations will be above and beyond the ELA frameworks student learner expectations

COURSE TITLE ENGLISH 10  
GRADE LEVEL 10<sup>TH</sup>  
PREREQUISITE ENGLISH 9

Regular English is designed for the average student who learns or works at a slower speed in covering units. This course includes basic skills in grammar, sentence structure, vocabulary, mechanics, and study skills. The Various types of literature include short stories, novels, personal narratives, and poems. A portfolio is required and will advance with the student yearly.

COURSE TITLE PRE-AP ENGLISH 10  
GRADE LEVEL 10<sup>TH</sup>  
PREREQUISITE PRE-AP ENGLISH 9

Pre-AP English is a study of American, English and World literature. Composition is taught by paragraph writing relating to literature assignments. As the writing improves, construction of the essay is emphasized. Grammar is taught through skill practices. A portfolio is a requirement and will advance yearly with the student.

COURSE TITLE ENGLISH 11  
GRADE LEVEL 11<sup>TH</sup>  
PREREQUISITE ENGLISH 10

Regular English III is a study of American literature following the time line of American history. Student response to literature is by testing, composition, and journal entries. Grammar skills are taught by practice exercises and compositions. A portfolio is required and will advance yearly with the student. Preparation for the Grade 11 Literacy Exam is emphasized.

COURSE TITLE PRE-AP ENGLISH 11  
GRADE LEVEL 11<sup>TH</sup>  
PREREQUISITE PRE-AP ENGLISH 10

Pre-AP English III is a study of American literature following the time line of American History. Composition skills include narration, exposition, and description. Students are taught grammar, sentence structure, mechanics, and study skills. A portfolio is required and will advance yearly with the student. Preparation for the Grade 11 Literacy Exam is emphasized.

COURSE TITLE ENGLISH 12  
GRADE LEVEL 12<sup>TH</sup>  
PREREQUISITE ENGLISH 11

English 12 is a survey of English literature through the reading of different genre and periods. The types of literature studied are short stories, novels, personal narratives, poetry, and drama. Grammar is taught through composition. Grammar, sentence structure, vocabulary, mechanics, and study skills are also emphasized. The writing process is emphasized focusing on all levels of discourse. A portfolio is a requirement for graduation.

COURSE TITLE AP ENGLISH LITERATURE  
GRADE LEVEL 12<sup>TH</sup>  
PREREQUISITE PRE-AP ENGLISH 11 OR ENGLISH TEACHER GT  
COORDINATOR RECOMMENDED BASED ON  
STUDENT DATA AND ACT OF 19 IN READING  
AND ENGLISH

AP English Literature is an in-depth survey of literature through the reading of different genres and periods. Through speaking, listening, reading, and analytical writing, students are made aware of style, subject, and audience. Writing assignments focus on critical analysis of literature and include timed essays in exposition and argument as used on the College Board Exam-Literature and Composition. Students gain experience in writing personal narratives, short stories, and plays.

COURSE TITLE AP FRESHMAN COMPOSITION I  
GRADE LEVEL 11<sup>TH</sup> OR 12<sup>TH</sup>  
PREREQUISITE PRE-AP ENGLISH 10 OR ENGLISH TEACHER GT  
COORDINATOR RECOMMENDED BASED ON  
STUDENT DATA AND ACT OF 19 IN READING  
AND ENGLISH

COURSE TITLE AP FRESHMAN COMPOSITION II  
GRADE LEVEL 11<sup>TH</sup> OR 12<sup>TH</sup>  
PREREQUISITE AP FRESHMAN COMPOSITION I AND ACT OF  
19 IN READING AND ENGLISH

COURSE TITLE ORAL COMMUNICATIONS  
GRADE LEVEL 9, 10, 11, & 12  
PREREQUISITE NONE

Students will be introduced to the process of communication. The basics of Public speaking will be studied. The types of speeches studied will include, informative, demonstrative, persuasive, extemporaneous, and autobiographical.

**COURSE TITLE INTRODUCTION TO DRAMA**  
**GRADE LEVEL 10, 11, & 12**  
**PREREQUISITE NONE**

Drama is an activity-based study of the communication process between one's self and the world. A student will explore himself / herself and evaluate the findings through activity-based lessons. A student will also acknowledge and explore the viewpoints of others and express the findings through theatrical-based lessons. Empathy and sensitivity to characters, cultural diversity, real-life, or fantasy situations, etc. will be demonstrated through the performance process. Students will learn to self-evaluate the effectiveness or ineffectiveness of others through constructive criticism.

## **B. OTHER LANGUAGE ARTS ELECTIVES**

COURSE TITLE JOURNALISM  
GRADE LEVEL 10, 11, & 12  
PREREQUISITE B OR BETTER IN MOST RECENT ENGLISH CLASS OR RECOMMENDATION FROM INSTRUCTOR, AND CHAIRMAN OF ENGLISH DEPT., BASED ON EVALUATION OF STUDENT'S APPLICATION AND ESSAY.

Students taking this course will be assigned staff positions on school newspaper. Staff members will produce four or more issues of the Tall Timber Times. Students plan and design the content of each paper, sell and design advertising space, write, & edit all stories, design graphics, write headlines and captions, and shoot all photographs.

COURSE TITLE  
GRADE LEVEL  
PREREQUISITE

JOURNALISM II  
11<sup>TH</sup> AND 12<sup>TH</sup>  
JOURNALISM I OR RECOMMENDATION FROM  
ENGLISH DEPT. CHAIRMAN BASEDM ON  
APPLICATION AND ESSAY.

Students taking this course will be assigned staff positions on the yearbook. The Pinecone yearbook is 8 ½ x 11 in size and contains 160 pages. Yearbook pages are submitted to a printer in six sections. The final deadline is in February and the yearbook is distributed in May. Staff members plan and develop the yearbook theme, design the cover and section pages, write and edit stories, design graphics, sell and design advertising space, write headlines and captions, and shoot all photographs. Chosen staff members and editors should attend summer camp.

Students who are unable to take Journalism II due to scheduling conflicts may be allowed to work on the yearbook and be a member of the staff only when it's approved by the teacher, the department chair, and the building principal. Only In cases where there are scheduling conflicts will this be allowed! Students who are not in the Journalism II class will not be eligible to be yearbook editor and will not be allowed to hold any position ahead of a class member. Students not enrolled in the Journalism II class will not receive a credit. That person elects to be a member of the yearbook staff only – he/she does so only for his/her personal enjoyment.

## FOREIGN LANGUAGE

COURSE TITLE  
GRADE LEVEL  
PREREQUISITE

SPANISH I  
9, 10, 11 & 12  
C OR BETTER IN ENGLISH

Spanish I designed as an introduction to the Spanish language and culture. Intense vocabulary study with emphasis on Spanish grammar, words and phrases found in English is

studied. Pronunciation and comprehension is stressed through speaking and listening.

COURSE TITLE	SPANISH II
GRADE LEVEL	10, 11, & 12
PREREQUISITE	C OR BETTER IN SPANISH I

Spanish II is an intermediate level of study that concentrates on problems written I Spanish. It continues the study of vocabulary and grammar of the Spanish language. It deals with more advanced reading, listening, writing, and the culture of the Hispanic countries.

### **MATHEMATICS**

COURSE TITLE	ALGEBRA I
GRADE LEVEL	9
PREREQUISITE	NONE

Algebra I is a high school graduation requirement for all Arkansas students. This course extends the real number system to include irrational numbers. Solving of equations and inequalities requiring multiple steps is a major focus of the courses. The student learning is extended to include properties of the functions and basic polynomial operations. Students must take the state Algebra End of Course Exam upon completion of the course.

COURSE TITLE	PRE-AP ALG. I
GRADE LEVEL	8
PREREQUISITE	NONE

Pre-AP Alg. I an Algebra course designed for the above average students. The same concepts are covered in this course as the Alg. I course however concepts are covered more in depth with more time spent on problem solving. Students are challenged to think on a higher level of Blooms and apply learning to more complex problems. Students in this course are required to take the Alg. I End of Course Exam.

COURSE TITLE            GEOMETRY  
GRADE LEVEL            10<sup>TH</sup>, 11<sup>TH</sup>, & 12<sup>TH</sup>  
PREREQUISITE            ALGEBRA I

Geometry is designed to introduce and reinforce the basic concepts of Geometry. Applications of the geometric principles will be used throughout the course. Basic trigonometry principles will be included in this course. Fundamentals of Algebra I are needed to succeed in this course. Basic Geometry concepts that are most often used on college entrance exams are covered in this course. Students taking this course will be required to complete the state mandated End of Course Exam in Geometry.

COURSE TITLE            PRE-AP GEOMETRY  
GRADE LEVEL            9, 10, 11, & 12  
PREREQUISITE            ALGEBRA I

Pre-AP Geometry is a course designed for above average students. Concepts of space geometry are integrated with plane geometry throughout the course. The course differs from Geometry, in that there is more emphasis placed on formal proof, algebraic principles, and coordinate geometry. The students are expected to use higher order thinking skills and be adept in basic algebra and deductive reasoning. Students taking this course will be required to complete the state mandated End of Course Exam in Geometry.

COURSE TITLE            ALGEBRA II  
GRADE LEVEL            9, 10, 11, & 12  
PREREQUISITE            ALGEBRA I

Algebra II reviews fundamental ideas of basic algebra then expands on the basics to deepen the understanding of algebra concepts and skills. The number system will be expanded to include imaginary numbers. Concepts dealing with radicals and exponents will be greatly expanded, as will the use of linear and quadratic equations. Upon completion of this course, students should be prepared to successfully complete a college algebra course as well as preparing them for the ACT test.

COURSE TITLE            PRE-AP ALGEBRA II  
GRADE LEVEL            10, 11, 12,  
PREREQUISITE            SHOULD HAVE TAKEN PRE-AP ALGEBRA I

Pre-AP Alg. II is designed for the above average math student. Students in this course should have a strong understanding of mathematical concepts (especially Algebra I) and be willing to work at an accelerated pace. Pre AP Alg. II covers material on a less structured but more complex level than the other Algebra II course. Sequences, series, progression, and probability are a few additional topics covered.

COURSE TITLE	ALGEBRAIC CONNECTIONS
GRADE LEVEL	11 <sup>TH</sup> AND 12 <sup>TH</sup>
PREREQUISITE	ALGEBRA I AND GEOMETRY

Algebraic Connections is designed for students who have successfully completed Algebra I (or its equivalent) and Geometry (or its equivalent). Algebraic Connections will build on a foundation of previously taught Algebra and Geometry concepts, enlarge upon the development of each concept, and intrude new concepts. Students will be expected to evaluate data, interpret data, analyze linear functions, write and solve equations and inequalities and their systems, and use algebraic, graphical, and numerical methods for analysis.

COURSE TITLE	TRIGONOMETRY/PRE-CALCULUS
GRADE LEVEL	11 <sup>TH</sup> AND 12 <sup>TH</sup>
PREREQUISITE	ALGEBRA I, GEOMETRY AND ALGEBRA II

The course is a study of the trigonometric functions, their values, their graphs and the application of such. The course also covers identities, complex numbers and analytic geometry leading up to an introduction to calculus. This course is recommended for college bound students.

COURSE TITLE	AP CALCULUS
GRADE LEVEL	12
PREREQUISITE	ALGEBRA I, GEOMETRY, ALG. II, TRIG. Must have a 23 ACT in Math.

An advanced math course in which the following topics will be covered: inequalities, functions, limits and techniques for evaluating limits, properties of limits, when limits fail to exist, continuity, infinite limits, the derivative, interpretation of the derivative, differentiation rule, the chain rule, implicit differentiation, related rules, critical values of a function, application of the derivation, curve sketching, the anti derivative, anti derivative rules and techniques, the problems of area, the definite integral, area of plan regions, volume, and solids of derivatives.

COURSE TITLE SURVEY OF MATH  
GRADE LEVEL 11, 12,  
PREREQUISITE 19 ACT SCORE IN MATH

College Course- Students will receive 3 college hours if course is completed with a “C” or higher.

COURSE TITLE COLLEGE ALGEBRA  
GRADE LEVEL 11, 12,  
PREREQUISITE 19 ACT SCORE IN MATH

College Course – Students will receive 3 college hours if course is completed with a “C” or higher.

COURSE TITLE DISCRETE MATH  
GRADE LEVEL 12  
PREREQUISITE ALGEBRA I, GEOMETRY, ALGEBRA II (OR EQUIVALENTS)

## **SCIENCE DEPARTMENT**

COURSE TITLE PHYSICAL SCIENCE  
GRADE LEVEL 9<sup>TH</sup>  
PREREQUISITE NONE

This is a required course for all students with a freshman status. \*This course explores the physical properties of the universe. Initial studies will be done in the concepts of matter, energy, mechanics, electricity and sound. Lab activities and demonstrations will support concepts being taught.

COURSE TITLE PRE-AP PHYSICAL SCIENCE  
GRADE LEVEL 9  
PREREQUISITE NONE

This is an advanced course offering of the regular Physical Science class. The same topics will be taught; however, more rigorous, detailed strategies will be incorporated in the classroom. Higher order thinking skills will be targeted to

ensure student success in other advance tracks. Portfolio assessment will be used as well as the standard grading method.

COURSE TITLE	BIOLOGY
GRADE LEVEL	10 <sup>TH</sup>
PREREQUISITE	NONE

This is an introductory course in Biology. First semester covers the nature of science, characteristics of organisms and life processes. Second semester covers classification of organisms and a survey of kingdoms. Each semester includes a minimum of 20% laboratory activities.

COURSE TITLE	PRE-AP BIOLOGY
GRADE LEVEL	10TH
PREREQUISITE	NONE

First semester covers the nature of science, characteristics of organisms and life process. Second semester covers classification of organisms and a survey of kingdoms. Each semester includes a minimum of 20% laboratory activities. The PRE-AP level involves more rigorous study and engagement of students than the general biology level. This course prepares students for college level courses in science.

COURSE TITLE	CHEMISTRY
GRADE LEVEL	11, 12,
PREREQUISITE	C OR BETTER IN ALG. I AND MUST BE ENROLLED IN ALGEBRA II OR BE TAKING IT WHILE IN CHEMISTRY

This IS A FIRST YEAR COURSE IN ORGANIC CHEMISTRY. This course will place an emphasis on the mole concept, equation writing and balancing, and problem solving skills in the gas laws and quantitative and qualitative stoichiometry. Laboratory exercises are used and basic lab techniques' will be mastered.

COURSE TITLE	ENVIROMENTAL SCIENCE
GRADE LEVEL	11 <sup>TH</sup> AND 12 <sup>TH</sup>
PREREQUISITE	NONE

This basic course explores environmental concerns relating to soil, water, vegetation, and the atmosphere. Students will

investigate ways to conserve these resources as well as test for contamination of them and explore preventative measures. Chemistry of the environment is also explored for no-college student.

<b>COURSE TITLE</b>	<b>PHYSICS</b>
<b>GRADE LEVEL</b>	<b>12<sup>TH</sup></b>
<b>PREREQUISITE</b>	<b>BASIC KNOWLEDGE OF ALGEBRA AND TRIGONOMETRY</b>

An examination of the relationship between matter and energy with an introduction to the various forms and properties of energy. Includes the usual branches of mechanics, heat, magnetism, electricity, sound, light, and nuclear studies. Lab exercises will be included to acquire 20% class time in the laboratory setting.

<b>COURSE TITLE</b>	<b>AP CHEMISTRY</b>
<b>GRADE LEVEL</b>	<b>11</b>
<b>PREREQUISITE</b>	<b>CHEMISTRY</b>

The AP Chemistry course is designed to be equivalent of the general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, in their freshman year, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and free time for other courses.

## **SOCIAL STUDIES**

COURSE TITLE	CIVICS
GRADE LEVEL	9 <sup>TH</sup>
PREREQUISITE	NONE

Civics is a course designed to help students learn more about their government and become better citizens. Students will accomplish this class work and class projects, like mock trials.

<b>COURSE TITLE</b>	<b>PRE-AP CIVICS</b>
<b>GRADE LEVEL</b>	<b>9</b>
<b>PREREQUISITE</b>	<b>NONE</b>

This course is designed to help students learn more about their government and become better citizens. There will be more intensive studies and a greater emphasis on writing and developing analytical skills. Students will participate in a variety of projects, such as mock trials.

COURSE TITLE	WORLD HISTORY
GRADE LEVEL	10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	NONE

World History is a course on the world's civilization with a special emphasis on the development of Western Civilization. The course is taught using history eras that include: Ancient Civilization; the Middle Ages; the Renaissance and Reformation; the Revolutions in Science, Exploration, Commerce, and Industry; the French & American Revolution; World War I and World War II; and finally, the development of the two super powers-the United States and the Soviet Union.

COURSE TITLE	PRE-AP WORLD HISTORY
GRADE LEVEL	10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	NONE

Advanced World History covers events and trends from prehistory to the present. This is a more in-depth study than regular World History and places a much greater emphasis on developmental skills. This is a higher level of difficulty than the regular course.

COURSE TITLE            AMERICAN GOVERNMENT  
GRADE LEVEL            10, 11, & 12  
PREREQUISITE            U. S. HISTORY

American Government is the study of the heritage, principles, functions and problems of American government and politics. Its purpose is to provide students with an understanding of government and its forms, functions, and processes and to help them develop the knowledge skills and positive attitudes that enable a person to participate effectively and responsibility in public life.

COURSE TITLE            AMERICAN HISTORY  
GRADE LEVEL            11<sup>TH</sup> AND 12<sup>TH</sup>  
PREREQUISITE            NONE

The advanced American history course considers events and trends in United States history from 1865 to the present with an emphasis on developmental skills. Advanced American History is on a greater level of difficulty than the American History course.

COURSE TITLE            AP AMERICAN HISTORY  
GRADE LEVEL            11<sup>TH</sup> AND 12<sup>TH</sup>  
PREREQUISITE            NONE

The AP American History course is designed to give high school juniors and seniors an opportunity to earn college credit while still in high school by passing AP Exam. The class is designed to provide students with the analytical skills and factual knowledge necessary to deal critically with the problems and materials in American History. This American History course may take the place of 11<sup>th</sup> grade American history or may be taken in addition to American History.

### **SPECIAL SERVICES**

COURSE TITLE            RESOURCE ROOM  
GRADE LEVEL            9, 10, 11, 12,  
PREREQUISITE            COMMITTEE RECOMMENDATION

**The Resource Room individualizes instruction to meet the needs of the students. This may include reading, language arts, general math, science, and social studies. Each student has an individual education plan for each year. The students are retested by the psychological examiner every 3 years.**

## **COMPUTER LAB**

COURSE TITLE	STRIVE
GRADE LEVEL	9, 10,
PREREQUISITE	NONE

Students and Teacher responsibility integrating Vocational Education is a program of instruction based on identified needs in regard to the improvement of vocational and academic scores and/or skills while utilizing a versatile spectrum of instruction. Instruction will include areas of math, reading, language arts, and life-skills. A pre-and post-assessment tool is required of all students. All 9<sup>th</sup> grade students who score basic or below basic in literacy or math on the 8<sup>th</sup> grade benchmark exam are required to take this course.

## **FINE ARTS**

COURSE TITLE	ART I
GRADE LEVEL	9 <sup>TH</sup> , 10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	NONE

This basic introductory course gives the student a broad scope of the visual art, the cultural heritage of art, careers and vocations. The topics covered will include: drawing, painting, pen & ink, beginning design, print making, ceramics, and linear perspective.

Emphasis will be on improving one's ability to draw realistically through observation & creative problem solving. Students explore, experiment, and sometimes master a variety of techniques & media as well as subject matter.

COURSE TITLE	ART II
GRADE LEVEL	9 <sup>th</sup> , 10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	ART I

Emphasis continues to be placed on the use of a visual journal throughout the art experience in high school.

The topics covered will include: art & design, advanced water color, acrylic painting, oil painting, sculpture, graphic design, and illustration.

**COURSE TITLE** VOCAL MUSIC I  
**GRADE LEVEL** 9  
**PREREQUISITE** 1 YEAR MIDDLE SCHOOL MUSIC

Basics of music and music are taught in addition to learning music for performance. The choir presents a minimum of three formal concerts annually; there are numerous appearances during the school year. After-school rehearsals are quite rare. Participation in Region and State Festivals are also required with a grade assessed for these events as is done with the concerts.

**COURSE TITLE** VOCAL MUSIC II  
**GRADE LEVEL** 10, 11, 12,  
**PREREQUISITE** VOCAL MUSIC I  
**Continued Study**

**COURSE TITLE** VOCAL MUSIC III  
**GRADE LEVEL** 11, 12,  
**PREQUISITE** VOCAL MUSIC II  
**Continued Study**

**COURSE TITLE** VOCAL MUSIC IV  
**GRADE LEVEL** 12  
**PREQUISITE** VOCAL MUSIC III  
**Continued Study**

**COURSE TITLE** INSTRUMENTAL MUSIC I  
**GRADE LEVEL** 9  
**PREQUISITE** CLASSIFICATION FROM THE JUNIOR PROGRAM OR SUCCESSFUL PARTICIPATION IN ANOTHER BAND PROGRAM (AUDITION REQUIRED)

The instrumental music department at WHS offers students the chance to perform in The Lumberjack Marching Band, Concert Band, Jazz Ensemble, and many different small ensembles. The Marching Band will perform at all senior football games several marching contests and up to three parades. The Concert band performs at the annual ASBOA Concert contest, a minimum of two public concerts, and periodically perform in an Interstate or International Musical Festival. Students take part in All-Region Honor Band Auditions, Four-State Auditions, Solo/Ensemble Competition And State events that are sanctioned for our group. The bands meet during the school Day, but each member is required to attend any and all outside rehearsals and performances.

**COURSE TITLE** INSTRUMENTAL MUSIC II  
**GRADE LEVEL** 10, 11, & 12  
**PREREQUISITE** INSTRUMENTAL MUSIC I

Continued study

**COURSE TITLE** INSTRUMENTAL MUSIC III  
**GRADE LEVEL** 11, 12,  
**PREREQUISITE** INSTRUMENTAL MUSIC II

Continued Study

**COURSE TITLE** INSTRUMENTAL MUSIC IV  
**GRADE LEVEL** 12  
**PREREQUISITE** INSTRUMENTAL MUSIC III

Continued Study

**COURSE TITLE** SURVEY OF FINE ARTS (SEMESTER COURSE)  
**GRADE LEVEL** 9, 10, 11, 12,  
**PREQUISITE** NONE

Survey of Fine Arts is designed for learners to experience the various aspects of art, music, dance and drama in terms of great periods, Twentieth Century, Impressionism, Romanticism, Classicism, and Baroque. In each of these periods dominant trends are to be studied, as well as other areas of important activity. Learners should demonstrate how each of the fine arts is interrelated by the basic elements of that discipline. Visual arts-line, shape, form, color, value, space, texture; Music-melody, rhythm, harmony, form dynamics, tempo and timbre.

## PHYSICAL EDUCATION AND HEALTH

COURSE TITLE	PHYSICAL EDUCATION (SEMESTER COURSE)
GRADE LEVEL	9 <sup>TH</sup> , 10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	NONE

Physical Education consists of team sports, individual sports, and physical fitness. The following activities are offered for students in physical education:

- ~Team activities-Basketball and Volley Ball
- ~Individual activities- Badminton, Golf, Archery, and Tennis
- ~Physical Fitness- Daily Exercises and Conditioning.

These will require activity and classroom time. The requirement for the class is that the student must dress out.

COURSE TITLE	ADAPTIVE PHYSICAL ED. (SEM.COURSE)
GRADE LEVEL	9 <sup>TH</sup> , 10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	DOCTOR'S RECOMMENDATION

Adaptive Physical Education is offered for those students who need to complete the required one-half credit for physical education. This course includes written reports and a weekly conference with the designated teacher.

COURSE TITLE	HEALTH (SEMESTER COURSE)
GRADE LEVEL	9 <sup>TH</sup> , 10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	NONE

A general course including six interrelate content areas:

- Health and mind; nutrition and exercise; family life; the role of drugs; disease; health & society.

COURSE TITLE	DRIVER EDUCATION (SEMESTER)
GRADE LEVEL	10, 11, 12,
PREREQUISITE	MUST HAVE DRIVER'S PERMIT

**Driver Education is taught with the primary goal of teaching the student defensive driving. This is accomplished by studying the driver education textbook before the actual sessions in the car, on the driving range, or in the simulator laboratory (when available).**

## **JUNIOR RESERVE OFFICER TRAINING CORPS**

COURSE TITLE            ARMY ROTC I  
GRADE LEVEL            9, 10, 11, 12,  
PREREQUISITE            NONE

First year cadets receive instruction at the introductory level in: ROTC history, leadership theory, drill and ceremonies, first aid, map reading (topographic), oral communications, and rifle marksmanship.

COURSE TITLE            ARMY ROTC II  
GRADE LEVEL            10, 11, 12,  
PREREQUISITE            ARMY ROTC I

Second year cadets receive instruction at the intermediate level in all subjects listed above with the addition of a block of instruction on significant U. S. Army campaigns.

COURSE TITLE            ARMY ROTC III  
GRADE LEVEL            11, 12,  
PREREQUISITE            ARMY ROTC I, II

Third year students have continued instruction in the subjects listed above with the exception of first-aid. The role of the U.S. Army as the executor of National Policy is added.

COURSE TITLE            ARMY ROTC IV  
GRADE LEVEL            12  
PREREQUISITE            ARMY ROTC I, II, III

Students will receive instruction in advanced leadership techniques, staff functions and procedures, and psychology of leadership. The cadets will serve as the cadet chain of command and will function in that capacity.

## PRACTICAL ARTS

COURSE TITLE	<u>C</u> OMPUTER <u>B</u> USINESS <u>A</u> PPPLICATIONS (YEAR COURSE)
GRADE LEVEL	10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	KEYBOARDING

Computerized Business Applications is a two-semester course designed to prepare students with an introduction to business applications which is necessary to live and work in technical society. Emphasis is given to hardware, or software, or software concepts, and business uses of applications. The business applications covered are word processing, database, spreadsheet, Power Point, graphics, integrated software, electronic mail, web page design, image processing and business etiquette. Employability and work maturity skills are an integral part of the course concept.

COURSE TITLE	DESKTOP I & II (INDIVIDUAL SEMESTERS)
GRADE LEVEL	10 <sup>TH</sup> , 11 <sup>TH</sup> , AND 12 <sup>TH</sup>
PREREQUISITE	CUMPUTER BUSINESS APPLICATIONS, DESKTOP II REQUIRES COMPLETION OF DESKTOP I

### **This is a full year computer course.**

This course will provide students with the ability to change ordinary typewritten text into attractive, professional-looking documents using design elements. Design elements include font faces, font styles, font sizes, graphics, lines, and spacing techniques. Students will create page layouts, used by graphic designers, for newsletters, flyers, advertisements, brochures, menus, stationary, invitations, etc.

**Employability and work maturity are an integral part of the course.**

JOB OPPORTUNITIES: Entry-level computer operator.

COURSE TITLE	COMPUTERIZED ACCOUNTING I (1 year course)
GRADE LEVEL	10, 11, 12,
PREREQUISITE	KEYBOARDING

**Computerized Accounting I is a two-semester course with emphasis on basic accounting principles as they relate to both manual and computerized financial**

**systems. Instruction is on an integrated basis using computers and electronic calculators as the relationships and processes of manual and computerized accounting are presented. Employability and work skills are an integrated part of the course.**

**JOB OPPORTUNITIES:** Entry-level computer operator.

<b>COURSE TITLE</b>	<b>COMPUTERIZED ACCOUNTING II</b>
<b>GRADE LEVEL</b>	<b>11, 12,</b>
<b>PREREQUISITE</b>	<b>COMPUTERIZED ACCOUNTING I</b>

Computerized Accounting II is a two-semester course designed to provide students with the knowledge, understanding, and skills necessary for successful careers in accounting. Partnerships as well as departmental, corporate and cost accounting system are components of the course. Emphasis is given to the computerized/automated functions in accounting. Employability and work maturity skills are an integral part of the course content.

**JOB OPPORTUNITIES:** Entry-level skills in the accounting occupations can be attained.



<b>COURSE TITLE</b>	<b>WORD PROCESSING I AND II (YEAR COURSE)</b>
<b>GRADE LEVEL</b>	<b>10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>KEYBOARDING</b>

This is a full year computer science course. Students will learn to use software to create and edit documents such as letters, envelopes, memos, and manuscripts, reports with footnotes, tables, and newsletters. They will also learn merge, sort, document assembly, and WP graphics tools. Employability and work maturity are an integral part of the course content.

<b>COURSE TITLE</b>	<b>DATABASE APPLICATIONS (SEM. COURSE)</b>
<b>GRADE LEVEL</b>	<b>10, 11, 12,</b>
<b>PREREQUISITE</b>	<b>KEYBOARDING</b>

**Database Applications is a one-semester course where students learn to organize data, create, search, and query databases, and use integrated software to combine database with word processing and mail merge. Employability and work maturity skills are an integral part of the course content.**

**JOB OPPORTUNITIES: Entry-level computer operator.**

<b>COURSE TITLE</b>	<b>SPREADSHEET APPLICATIONS (SEM. COURSE)</b>
<b>GRADE LEVEL</b>	<b>10, 11, 12,</b>
<b>PREREQUISITE</b>	<b>KEYBOARDING</b>

**Spreadsheet Applications is a one-semester course in which students use computer program to analyze quantitative data. Emphasis is placed on the role and value of spreadsheets, financial reporting, budgeting, planning, and forecasting. Employability and work maturity skills are an integral part of the course content.**

**JOB OPPORTUNITIES: Entry-level computer operator.**

<b>COURSE TITLE</b>	<b>OFFICE MANAGEMENT</b>
<b>GRADE LEVEL</b>	<b>11<sup>th</sup> AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>KEYBOARDING</b>

Students will become familiar with various types of computers, software programs, calculators, transcribers, etc. Students will learn skills in database management, spreadsheets, word processing, and desktop publishing. They will also learn records management, telecommunications, human relations, employability skills, office procedures, and careers. Employability and work maturity skills are an integral part of the course.

<b>COURSE TITLE</b>	<b>ENTERPRISE MANAGEMENT I AND II</b>
<b>GRADE LEVEL</b>	<b>11<sup>th</sup> AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>NONE</b>

**Students will learn the fundamentals of creating and owning their own business. They will have the opportunity to learn from entrepreneurs and other business leaders in our community. Students will apply what they learn to their own business. Employability and work maturity are an integral part of the course.**

## **TRADE AND INDUSTRY**

**COURSE TITLE**            **WORKFORCE INTERNSHIP CONNECTION**  
**GRADE LEVEL**           **11, 12,**  
**PREREQUISITES:**

- (a) An identified career major on file.**
- (b) Completion of at least 1 unit and enrolled in a 2<sup>nd</sup> unit of the identified career major. These courses may be taken at SEACBEC or participating school.**
- (c) Academic standing of at least 2.0 on 4.0 scales.**
- (d) Acceptable attendance record as determined by participating school administration.**
- (e) Membership in a vocational student organization that reflects the intern's career goals.**

### **THE WORKFORCE INTERNSHIP CONNECTION PROGRAM**

- (a) A student's maximum length of enrollment in the Internship program shall be two years.**
- (b) Interns may receive 1 credit for completing a minimum of 180 hrs. Of internship.**
- (c) Interns shall be limited to 4 credits for completing at least 720 hours of internship credit within a consecutive two-year period. (2 credits per year; based on number of hours worked.**
- (d) School and workplace learning shall be coordinated and integrated.**
- (e) Employers shall provide paid work experience and guided work site learning that directly relates to the student's identified career major (program of study).**
- (f) Instruction provided to interns by vocational and academic instructors shall integrate academic and vocational learning.**
- (g) The individual career plans of interns shall demonstrate articulated high school and post-secondary learning.**
- (h) The transcripts of interns shall list the internship credit achieved.**
- (i) Upon graduation, interns shall receive a portfolio containing competencies achieved.**
- (j) Interns shall be dismissed from the program for breach of contract.**

## CLASSROOM CURRICULUM

**The curriculum used to teach the classroom portion of the Internship program shall focus basic skills required by all employers. It shall be competency-based and incorporate both academic and applied learning activities. The classroom shall be treated as the bridge between the school and the web site.**

<b>COURSE TITLE</b>	<b>ENVIRONMENTAL AND SPATIAL LABORATORY (EAST I)</b>
<b>GRADE LEVEL</b>	<b>9, 10, 11, 12,</b>
<b>PREREQUISITE</b>	<b>1 YEAR OF PROGRAM STUDY AT SEACBEC</b>

Environmental and Spatial Technology (EAST) is a two-semester course designed to enhance the students' experiences in traditional courses of instruction by providing opportunities for students to be engaged in a project-based approach to problem solving. Students work independently and in teams to solve real-world problems using state-of-the-art technology. Various high-tech tools are used such as Office Automation Software, Computer-Aided design, engineering, 3-D modeling, Architectural Design, Surveying and Mapping, Global Positioning Systems (GPS), Geographical Informational Systems, Programming Visual Basic, Database, Digital Photo and Video editing, and visualizations applications,. Students become acutely aware of a number of career opportunities as a result of their participation in this course. The application of skills in conjunction with the ability to learn new technology needed to be successful in today's information era society is stressed. Students are expected to learn how to construct their own learning using resources traditionally found in business environment such as users' guides to software applications, software support services, and peer-to-peer learning. A "work-like" environment is created with high expectations in the classroom so that students will gain a better understanding of what will be expected of them in the business world.

Students are evaluated in their progress in using advanced software applications on student-chosen projects involving problem solving. Daily classroom activities include students' use of advanced technology and learning resources to propose solutions for problems. Enrollment is by student application, teacher evaluations, and screening.

Completer Status: Elective course for all programs of study.

<b>COURSE TITLE</b>	<b>EAST II</b>
<b>GRADE LEVEL</b>	<b>10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup></b>



nervous, sensory, respiratory, digestive, urinary, endocrine and reproductive. (Offered 2006-2007) Employability and work maturity skills are an integral part of the course content. Completer Status: Core course for medical program of study

<b>COURSE TITLE</b>	<b>MEDICAL TERMINOLOGY (SEM. COURSE)</b>
<b>GRADE LEVEL</b>	<b>10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>NONE</b>

Medical Terminology is a one-semester course that assists students in developing the language used for communication in the health care profession. Areas of study include fundamental word structure, organization of the body, diagnostic and imaging procedures, pharmacology, general medical terms, and the following body systems: integument, skeletal, muscular, digestive, cardiovascular, lymphatic, immune, respiratory, urinary, endocrine, nervous, sensory, and reproductive. (Offered 2006-2007) Employability and work maturity skills are integral part of the course content. Completer Statue: Elective course for medical program of study.

<b>COURSE TITLE</b>	<b>MEDICAL PROCEDURES (SEMESTER COURSE)</b>
<b>GRADE LEVEL</b>	<b>10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>NONE</b>

Medical Procedures is a semester course which helps students develop specific skills needed in the health care profession. Emphasis is given to the development of competencies related to safety, infection control, vital signs, first aid, dental assistant skills, laboratory assistant skills, medical asst. skills, nurse asst. skills, physical therapy techniques, animal health care and secretarial techniques (Offered 2006-2007). Employability and work maturity skills are an integral part of the court content. Completer status: Elective course for medical program of study.

<b>COURSE TITLE</b>	<b>HUMAN BEHAVIOR AND DISORDERS</b>
<b>GRADE LEVEL</b>	<b>10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>NONE</b>

Human Behavior/Disorders focuses on the psychology of human behavior. Students will explore the impact that treatment, medicine, and illnesses have on the human psyche while understanding the basic personality types. Upon completion of the course, students have an understanding of the different types of behaviors to be encountered in the medical field. (Offered 2006-2007) Employability and work maturity skills are an integral part of the course content. Completer status: Elective course for medical program of study.

**COURSE TITLE** POWER EQUIPMENT TECHNOLOGY I & LAB  
**GRADE LEVEL** 10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup>  
**PREREQUISITES** NONE

This course will consist of five (5) units of study involving all types of powered recreational vehicles. Students will begin a course called “Study of Power Engine Technology.” Students will study, design, and compete using models of airplanes, automobiles, model rockets, and hovercraft. \*Students will also participate in a small engine lab. Employability and work maturity skills are integral part of the course content.

**COURSE TITLE** POWER EQUIPMENT TECHNOLOGY II  
**GRADE LEVEL** 10, 11, 12,  
**PREREQUISITES** POWER EQUIPMENT TECHNOLOGY I

Students will learn to maintain and repair motorcycles, dune buggies, ATV’s, lawn and garden machines, go-carts, and water craft.  
Students will continue working on recreational vehicles of all types with an emphasis placed on the rest of the vehicle such as brakes, wheel bearings, electrical, cables, and complete tune-ups. Advanced students will build one recreational vehicle.  
Employability and work maturity skills are an integral part of the course.

**COURSE TITLE** INDUSTRIAL Equipment Maintenance & LAB  
**GRADE LEVEL** 10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup>  
**PREREQUISITES** BASIC MATH SKILLS

The student will be trained to perform a variety of skills to repair, install, fabricate, set up, adjust, and do preventive maintenance to industrial machinery equipment.

**COURSE TITLE** INDUSTRIAL EQUIPMENT MAINTENANCE II  
**GRADE LEVEL** 10, 11, 12,  
**PREREQUISITES** INDUSTRIAL EQUIPMENT MAINTENANCE I

Continued Study

**COURSE TITLE** CARPENTRY  
**GRADE LEVEL** 10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup>  
**PREREQUISITES** NONE

This instructional program prepares individuals to apply technical knowledge and skills to lie out, assemble, and install all building materials. Includes instruction in material selection and safe use of tools to cut and join all types of building materials.

The coverage content is as follows: Building materials, carpentry tools, wall and floor layout, basic carpentry skills and SkillsUSA student organization. Completer status: Core course for construction technology program of study.

<b>COURSE TITLE</b>	<b>CONSTRUCTION FUNDAMENTALS</b>
<b>GRADE LEVEL</b>	<b>10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>NONE</b>

**Construction Technology, also known as Building Trades, will give the students basic skills for entry into the construction trades. The Association of General Contractors has certified the instructor and SEACBEC allowing for successful students to count training in high school toward apprenticeship programs in the construction trades. Areas of study include blueprint reading, estimating, carpentry, masonry, basic construction math, and safety. Proper and safe use of power tools is taught each year in the construction of a major project. The program is offered in one hour blocks for three years. Students should be safety conscious and exhibit mature behavior. Employability and work maturity skills are an integral part of the course content.**

<b>COURSE TITLE</b>	<b>ELECTRICAL</b>
<b>GRADE LEVEL</b>	<b>10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>NONE</b>

This course is an instructional program that prepares individuals to apply technical knowledge and skills to install and repair residential systems. The course content is a follows: Electrical Materials, Electrical Tools, Electrical Layout, Electrical Basic Skills, and The SkillsUSA Student Organization. Employability and work maturity are an integral part of the course content.

<b>COURSE TITLE</b>	<b>PLUMBING</b>
<b>GRADE LEVEL</b>	<b>10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup></b>
<b>PREREQUISITES</b>	<b>NONE</b>

This course is an instructional program that prepares individuals to apply technical knowledge and skills to lay- out, assemble, install, and maintain piping fixtures and piping systems, hot water, heating, cooling, and drainage systems. Includes instruction in material selection and use of tools to cut, bend, and join pipes. The course content is as follows: Plumbing Materials, Plumbing Tools, Plumbing Layout, Plumbing Basic Skills, and the SkillsUSA Student Organization. Employability and work maturity skills are an integral part of the course content.

## AGRICULTURE EDUCATION

**COURSE TITLE**            **AGRICULTURE SCIENCE**  
**GRADE LEVEL**            **9, 10, 11, 12,**  
**PREREQUISITE**            **NONE**

This course is the foundation course for all other agricultural programs of study. Topics covered included general agriculture, FFA, leadership, record keeping, supervised agricultural experiences, animal science, plant science and soil science.

**COURSE TITLE**            **ADVANCED ANIMAL SCIENCE**  
**GRADE LEVEL**            **10, 11, 12,**  
**PREREQUISITE**            **NONE**

**This course focuses specifically on the beef cattle industry. Topics covered include breeds, genetics, breeding, nutrition, health, facilities, and marketing of beef cattle. Economic importance, business, and ethical issues relating to beef production will also be covered.**

**COURSE TITLE**            **ANIMAL SCIENCE**  
**GRADE LEVEL**            **10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup>**  
**PREREQUISITES**            **AGRICULTURE SCIENCE STRONGLY SUGGESTED**

Topics covered in Animal Science include animal biotechnology, animal behavior, classification, consumer concerns, animal welfare, scientific selection, reproduction, growth and development, nutrition, meat science, and diseases.

**COURSE TITLE**            **AQUACULTURE**  
**GRADE LEVEL**            **10, 11, 12,**  
**PREREQUISITE**            **AG. SCIENCE OR AG. SCIENCE & TECH.**

**This course surveys the science, management practices, production, and marketing of aquatic animals and plants.**

**COURSE TITLE**            **BIOLOGICAL ANIMAL SCIENCE**  
**GRADE LEVEL**            **10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup>**  
**PREREQUISITES**            **AG SCIENCE STRONGLY SUGGESTED**

This course is a scientific approach to animal science using scientific principles and

applied management practices. An emphasis on selection and industry review will be based on scientific data.

**COURSE TITLE** ENVIRONMENTAL RESOURCES: SOIL AND WATER  
**GRADE LEVEL** 10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup>  
**PREREQUISITES** NONE

This course focuses on environmental concerns relating to soil and water. Emphasis is placed on soil and water in relation to agriculture. Student will investigate ways to prevent contamination and how to preserve soil and water resources.

**COURSE TITLE** FORESTRY  
**GRADE LEVEL** 10<sup>th</sup>, 11<sup>th</sup>, AND 12<sup>th</sup>  
**PREREQUISITES** NONE

This course provides an overview of the forestry industry and its importance to the U.S. economy. Tree identification, management practices, and harvesting and marketing practices are major topics. Global Positioning Systems (GPS) and Geographic Information Systems (GIS) are included.

**COURSE TITLE** LEADERSHIP AND COMMUNICATION  
**GRADE LEVEL** 9, 10, 11, 12,  
**PREREQUISITE** NONE

Public speaking, parliamentary procedure, organization, delegation, oral communication, conflict resolution, business etiquette, and community service are major topics to assist students in development of their leadership skills for the future.

**COURSE TITLE** MANAGING OUR NATURAL RESOURCES  
**GRADE LEVEL** 10, 11, 12,  
**PREREQUISITE** NONE

Students will explore the natural resources (soil, water, air forest, energy, minerals, metals, and wildlife) and develop the knowledge and skills to use them wisely. Other areas include outdoors recreation, careers and the environment.

**COURSE TITLE** SMALL ENGINE TECHNOLOGY  
**GRADE LEVEL** 10, 11, 12,  
**PREREQUISITE** NONE

This course examines the uses of small engines in all areas of agriculture. Selection, maintenance and repair, and employability are major topics.

## **FAMILY AND CONSUMER SCIENCE**

<b>COURSE TITLE</b>	<b>CHILD DEVELOPMENT (SEMESTER COURSE)</b>
<b>GRADE LEVEL</b>	<b>9, 10, 11, 12,</b>
<b>PREREQUISITE</b>	<b>NONE</b>

This course focuses on skills needed to guide the physical, intellectual, emotional and social development of children. Emphasis is given to the development of competencies related to the study of children; pregnancy and prenatal development; birth and the newborn; stages of growth and development and careers related to the area of child development. The class will be utilizing Learning Center.

<b>COURSE TITLE</b>	<b>CLOTHING MANAGEMENT (SEM. COURSE)</b>
<b>GRADE LEVEL</b>	<b>9, 10, 11, 12,</b>
<b>PREREQUISITE</b>	<b>NONE</b>

This course focuses on skills needed to manage individual and family wardrobes and making decisions as a clothing consumer. Emphasis is given to clothing selection; clothing needs; wardrobe planning; clothing care; fabrics and their selection; use of basic sewing supplies and equipment; clothing construction and careers related to the clothing and textiles fields.

<b>COURSE TITLE</b>	<b>FOODS AND NUTRITION (SEM. COURSE)</b>
<b>GRADE LEVEL</b>	<b>10, 11, 12,</b>
<b>PREREQUISITE</b>	<b>NONE</b>

This course focuses on the development of skills needed to select, prepare, and serve food which nutritional needs of individuals and families. Emphasis is given to nutrition; weight control; kitchen organization and equipment; safety and sanitation; menu planning; serving and eating food; food preparation; eating away from home and careers related to food and nutrition.

<b>COURSE TITLE</b>	<b>NUTRITION AND WELLNESS</b>
<b>GRADE LEVEL</b>	<b>9, 10, 11, 12,</b>
<b>PREREQUISITE</b>	<b>NONE</b>

Nutrition and wellness emphasizes the interaction of nutrition, foods, sports and exercise for lifelong fitness and wellbeing of individuals and families. The course focuses on nutrition as it relates to wellness, sports nutrition and food choices throughout the life span. Teaching responsible eating and exercise habits helps

students make wise decisions about food choices for active living and weight maintenance. Current technology is used to encourage students to be active learners and develop critical thinking skills to evaluate relevant nutrition and wellness information. In addition, academic skills in the areas of math, science, language arts, and social studies are reinforced.

**COURSE TITLE**            **PARENTING (SEMESTER COURSE)**  
**GRADE LEVEL**            **9, 10, 11, 12,**  
**PREREQUISITE**            **CHILD DEVELOPMENT**

This course focuses on the parenting process and on the parenting techniques. Skills developed in this course will be useful to anyone who lives with, associated with, or works with children. Emphasis is given to the parenthood decision; costs of having and raising a child; effects of heredity and environment; rights and responsibilities; guidance techniques; prevention of child abuse and neglect; parenting a “special needs” child and careers related to parenting. The class will be utilizing the Child Learning Center.

**COURSE TITLE**            **FAMILY AND CONSUMER SCIENCE**  
**GRADE LEVEL**            **9, 10, 11, 12,**  
**PREQUISITE**                **NONE**

Family and Consumer Science designed to provide students with basic information and skill needed to function effectively within the family and within a changing, complex society. Emphasis is given to the development of competencies related to Family, Career and Community Leaders of America; individual and family relationships; arrangement of personal living space; wardrobe planning and selection; garment care and construction; selection of toys and age-appropriate play activities for selection; meal planning, preparation, and service; home management; money management; use of credit and banking services; consumer education; computer use at home, in school, and in the workplace; and career skills. Upon completion of this course, the student should have developed basic life skills that promote a positive influence on the quality of life.

**COURSE TITLE**            **FAMILY DYNAMICS**  
**GRADE LEVEL**            **9, 10, 11, 12,**  
**PREREQUISITE**            **NONE**

Family Dynamics focuses on the role of the family in helping individuals develop to their highest potential, in strengthening the community, and in addressing concerns of a global society. Emphasis is given to dynamics of family life, image dimensions of individuals and families, life relationships, responsible parenting, crisis management, resource management, civic responsibility, food and fitness, living environment, clothing and appearance, career planning, and new technologies affecting families.

Upon completion of this course, the student should have an understanding of the impact of the family unit on an individual's ability to function successfully in an increasingly complex society.

## **COMPLETION OF REGISTRATION SHEET**

**Keep the following items in mind as you complete your registration sheet:**

- 1. Refer to course offerings list. Note prerequisites of courses before making selection.**
- 2. After selecting your courses, record course names in the following order if applicable: English, math, science social studies, electives, activities.**
- 3. Physical education, health and fine arts are required courses. If these or other required courses have not been satisfied, please enter the course names before recording electives.**
- 4. A course with .5 credit indicates a semester course. Enter two semester courses on a line. Look to see that one course is offered 1<sup>st</sup> semester and the other course is offered 2<sup>nd</sup> semester.**
- 5. A total of eight lines must be completed. Five academic credits are required.**
- 6. Record three alternate courses. You must have two semester courses entered on one line to equal a full year course. Enjoy in priority order.**
- 7. For 2 hour courses, record course name on 2 different lines.**
- 8. Each student and his/her parent MUST sign his/her registration form before returning it to the counselor's office.**
- 9. All English courses must be completed in the entirety before registering for the next level. Thus, if a student failed a semester of English, he/she must take a correspondence course in English before enrolling in the next level of English.**
- 10. Students should review graduation requirements and higher education recommendations for students planning to attend college before making final choices.**
- 11. Students should review the CURRICULUM GUIDE FOR COURSE DESCRIPTIONS, PREREQUISITES AND GRADE LEVEL to be offered.**
- 12. If you have additional questions concerning registration, contact your Counselor, Mrs. Johnna McMurry.**
- 13. Your registration form is not complete until all selections have been made and all signatures have been obtained.**

