

West Branch High School Scheduling Guide

Administration

Superintendent - Mr. Timothy Saxton
Principal - Mr. Brian Coffee
Assistant Principal – Miss Evelyn Woods

School Counselors

Student Last Name Beginning A-L.....Mr. Ken Harris
Student Last Name Beginning M-Z.....Mrs. Jana Stitle

REGISTRATION – A SERIOUS RESPONSIBILITY

Although certain academic courses are required for graduation, many other subjects are available as electives. This elective part of a student’s program is a critical factor in the maximum utilization of the school experience.

Choosing courses must always be done with the purpose of selecting those experiences that will best serve you, i.e. courses that will enable you to make maximum growth in keeping with your abilities, interests, and goals. A high degree of mature thinking is expected as you approach the matter of registration. A course of study ideal for one might be totally wrong for another. You will need help from people who can assist you in understanding the variables of abilities, interest, past experiences, and future plans. First of all, involve your parents and keep them continually involved throughout your conferences with your classroom teachers and counselors. Your teachers will be frank with you about your strengths and weaknesses. Your counselors will have a more cumulative understanding of you. They will endeavor to see you registered in accord with your individual needs.

STEPS TO CONSIDER IN THE REGISTRATION PROCESS

Study the booklet, noting basic requirements, prerequisites and courses required for each grade. Note the elective offerings available. Plan a sequence of required and elective courses to meet graduation requirements and to achieve post high school plans. Consult with your parents, teachers, and counselor. Make final decisions with your parents’ approval and signature. Return the registration form to your counselor during a final conference.

POLICIES AND GUIDELINES TO HELP YOU WITH YOUR PLANNING

HOW MANY CREDITS? All students must register for a minimum of 5 classes per semester or 12 college credits. Students will not be permitted to have more than 1 full study hall.

Each student is encouraged to register for the proper number of credits and type of subjects to give maximum preparation by graduation. Students should consult counselors regarding their individual needs. Students enrolled in College Credit Plus classes must take a minimum of 4 classes or 12 semester hours to be considered full time.

CLASS STANDINGS

Grade 9 - Freshman - No credits are on high school record
Grade 10 - Sophomore - A minimum of 5 credits on high school record
Grade 11 -Junior- A minimum of 10 credits on high school record
Grade 12 - Senior -A minimum of 15 credits on high school record

GRADUATION REQUIREMENTS

OHIO CORE CURRICULUM

Students must meet both testing requirements and curriculum requirements in order to earn a diploma.

<i>Curriculum Requirements</i>	<i>State Minimum</i>
English Language Arts	4 units
Mathematics <i>1 unit MUST be at least algebra II or its equivalent</i>	4 units
Science <i>1 unit MUST be physical science</i> <i>1 unit MUST be biology (Or life science)</i> <i>1 unit MUST be an advanced science</i>	3 units
Social Studies <i>½ unit MUST be US History</i> <i>½ unit MUST be American government</i>	3 units
Physical Education <i>(or 2 years of the PE Waiver)</i>	½ unit <i>(each PE is .25 units, so need 2)</i>
Health	½ unit
Financial Literacy	½ unit
Electives <i>This excludes PE, health, and financial literacy</i>	6 units

Students must earn a total of 21 credits to graduate.

Students graduating in 2018 and beyond, must meet 1 of the following 3 options:

1. End of Course Exams (EOC)

On each of the seven end-of-course state tests, a student earns one to five graduation points. Students have the potential to earn a total of 35 points. To meet this graduation option, a student must earn a minimum number of 18 points from all tests.

This graduation option gives a student flexibility in accumulating 18 points. A high score on one test can balance a low score on another test. A student must earn a total of at least four points on English tests, four points on math tests and six points on science and social studies tests.

These tests include: English 9, English 10, Biology, Algebra 1, Geometry, American History, and American Government.

2. Industry Credential and Workforce Readiness

Students earn 12 points through a State Board of Education-approved, industry-recognized credential or group of credentials in a single career field and achieve a workforce readiness score (13) on the WorkKeys assessment. The state of Ohio will pay one time for those who take the WorkKeys assessment.

3. College Admission Test

Students earn “remediation-free” scores in English language arts and mathematics on a nationally recognized college admission exam. The state of Ohio will pay one time for all 11th grade students in the classes of 2018 and beyond to take the exam free of charge.

ADVANCED PLACEMENT OPPORTUNITIES

College Board's Advanced Placement Program® enables students to pursue college-level studies — with the opportunity to earn college credit, advanced placement, or both — while still in high school. Advanced Placement courses are rigorous courses in which the students are exposed to college level material and work. The teachers of AP courses have been trained through College Board (the institution responsible for overseeing the Advanced Placement program). A student enrolled in an AP course will be required to take the AP Exam for that course. There will be no cost for the student to take the exam(s).

West Branch will be offering 6 Advanced Placement classes. The courses are:

AP American Government
AP United States History
AP Psychology
AP Biology
AP Calculus
AP Computer Science

GRADING SCALE FOR ADVANCED PLACEMENT CLASSES

Because of the rigor and demands of taking AP courses, an adjusted grading scale will be utilized. The following grading scale will be used in all Advanced Placement classes. These courses will not be weighted.

A = 88-100
B = 75-87
C = 67-74
D = 60-66
F = 0-59

CCP Tracks offered through WBHS and Kent (all 3 credit courses)

15 Hr. Track (all @ WBHS)

College Writing I – 3 credits	Statistics – 4 credits
College Writing II – 3 credits	Intro to Anatomy & Physiology – 3 credits
Computer Apps for Professionals – 3 credits	

30 Hr. Track (15 hr. track + following courses)

Medical Terminology - 3 credits	Human Biology - 4 credits
Psychology (Kent) - 3 credits	American Politics (Kent) - 3 credits
Sociology (Kent) - 3 credits	

GRADUATION HONORS AND BONUS POINT SYSTEM
(Beginning with class of 2020)

Along with the GPA, students will earn Bonus Units for choosing classes of greater difficulty. The combination of GPA and Bonus Units will determine qualification for Cum Laude distinctions. These are the courses that earn Bonus Units:

- Each 9th and 10th grade honors course completed will be given 1 Bonus Unit per year
- Each 11th and 12th grade honors course completed will be given 2 Bonus Units per year
- Each College Credit Plus course completed will be given 2 Bonus Units per semester
- Each Advanced Placement course completed will be given 4 Bonus Units per year

8th & 9th & 10th Grade Honors (1 point)	11th & 12th Grade Honors (2 points)	CCP @ WBHS (2 points)	AP @ WBHS (4 points)
8th Grade Algebra	Honors English 11	Computer Apps for Prof	Calculus AB
Honors Geometry	Honors Adv Math/Trig	Business Administration	Biology
Honors English 9	Physics	Digital Marketing	Psychology
Honors Algebra II		Accounting	American Politics
Honors English 10		Statistics	US History
Honors Biology		College Writing 1	Computer Science
		College Writing 2	Eng Lit & Comp
		Intro to Anat and Phys	
		Human Biology	
		Medical Terminology	
		Any CCP on campus	

Cum Laude <i>"with honor"</i>	Magna Cum Laude <i>"with great honor"</i>	Summa Cum Laude <i>"with highest honor"</i>
3.75 GPA with 0-10 bonus units	3.75 GPA with 11-24 bonus units	4.0 GPA with 30 or more bonus units will receive designation of Summa Cum Laude with Distinction
3.50 GPA with 11-20 bonus units	3.50 GPA with 21+ bonus units	3.75 GPA with 25+ bonus units
3.25 GPA with 21+ bonus units		

The commencement speaker will be the student in the “Summa Cum Laude with distinction” category who has the most bonus units. Ties will be determined by the number of quality points.

Honors Diploma Criteria

Students need to fulfill *all but one* of the applicable criteria to earn a Diploma with Honors.

SUBJECT	MINIMUM REQUIREMENT
English	4 units
Math	4 units - including algebra 1, geometry, algebra II and another higher level course
Science	4 units - including any 2 advanced sciences
Social Studies	4 units
Foreign Language	3 units of 1 language or 2 units each of 2 different languages
Fine Art	1 unit
ACT	27 ACT/1210 SAT (excluding scores from the writing sections)
GPA	3.5 on a 4.0 scale

Diploma with Honors requirements pre-suppose completion of all high school diploma requirements in Ohio Revised Code including:

½ unit physical education

½ unit in American history

½ unit health

½ in government

PRESIDENTIAL AWARD

To graduate with the Presidential Award, **ALL** of the above criteria must be met, but the ACT requirement is a 25, not a 27. See a counselor if you have questions.

CALCULATION OF THE G.P.A. / HONOR ROLL

All courses will be counted in a student’s grade point average. The exception to this is a class taken with the S/U option. The Honor Roll will be determined by nine-week grade point average. The following divisions will be listed:

Students with a 4.00 grade point average for the nine weeks – All A’s

Students with at least a 3.75 grade point average for the nine weeks – Honor Roll

Students with at least a 3.50 grade point average for the nine weeks – Merit Roll

S / U OPTION

Students will be able to take course(s) for “satisfactory/unsatisfactory” grades rather than traditional grades. Application for this option must be completed by the end of the third full week of school. The following restrictions apply:

1. This option cannot be used by freshmen.
2. Required classes cannot be taken S/U.
3. No student will be able to earn more than three credits of S/U work. The following limits also apply:
 - Sophomores may attempt a maximum of one credit of S/U work.
 - Juniors may attempt a maximum of one credit of S/U work.
 - Seniors may attempt a maximum of two credits of S/U work.
4. Teachers will keep letter grades for all students. If you would receive an A, B, or C you will receive a “satisfactory” grade using this option. If you earn a D or F, you will receive an “unsatisfactory” grade. No credit will be issued for an unsatisfactory grade.
5. Credits earned in courses taken S/U will appear S/U on the transcript. The grade will have ***no effect*** on the G.P.A. of the student.
6. Note that classes taken S/U do not qualify toward NCAA Clearinghouse requirements.
7. The student has the option at the end of the 1st nine weeks for the first semester and at the end of the 3rd nine weeks for the second semester to return to a letter grade. As mentioned above, teachers will keep letter grade records for all students. Appropriate notification procedures will be required.
8. AP or CCP classes cannot use the S/U option.

EDUCATIONAL OPTIONS

Credit can be earned by use of educational options in several ways. These include: correspondence courses, mentorship, concurrent enrollment and independent study. If you are interested in earning credit using one of these options, you must see your counselor for more details and follow a specific application procedure. The deadline to notify the school if you plan to participate in any of these options is April 1st.

INDEPENDENT STUDY

Independent Study is an educational option involving advanced or in-depth work by an individual student under the direction of a certificated staff member. Independent Study provides an opportunity for students to explore areas in more depth, or areas not offered in the curriculum. To be eligible a student must demonstrate documented need and permission by the principal must be granted. An application can be submitted to the principal after consultation with the guidance counselor. The student must submit an instructional plan developed in conjunction with the certificated staff member. Upon completion of the instruction plan, a determination of the number of credits to be awarded will be made.

COLLEGE CREDIT PLUS

College Credit Plus allows students to earn both high school and college credit at the same time. Students will be taking college classes for credit either at the college, in the high school, or online. If you take the course for college credit, it will also be on your high school transcript with the same grade you earned for the college course. To participate in CCP, students must meet all the entry requirements and timelines of the college or university they would like to attend. Students in grades 7-12 may participate if they qualify. Anyone participating must inform the high school counselor prior to April 1st by filling

out the Intent to Participate form, which can be found in the counseling office or on the counseling webpage.

CREDIT FLEXIBILITY

Credit Flexibility is an option to demonstrate mastery of content. Students can show mastery of content by completing one of the following: Testing out, Senior Project, Distance Learning, Postsecondary coursework, Internship, Service learning, or a Research-based project.

SCHEDULE CHANGES

Spring – Once scheduling decisions have been made and the scheduling form has been returned, a student may request class changes for the next school year by completing the form, which can be found online or in the office. **Schedule change requests must be completed by the last day of the current school year. No schedule changes will be made in the summer unless it is a result of summer school or a scheduling error.**

Remainder of School Year – After school starts, schedule changes will only be made for one of the following reasons:

1. Teacher recommendation in writing, after consultation with student, parent and counselor
 2. Counselor recommendation in writing, after consultation with student, parent and teacher
- If a student drops a class without teacher or counselor recommendation, he/she will receive an “F” for the course.

Please note: Any class dropped after the start of school will be subject to counselor review to make sure all requirements are met.

The student will be responsible for the proper completion of the schedule change form, returning all materials and notifying the teacher of the change.

ACTIVITIES

All students are encouraged to participate in school-related activities as much as their schedule will permit. Please note that letting grades suffer for the sake of activities and those related responsibilities defeats the purpose, as well as, the pleasure of the activity. Limit your total school program to what you are able to do well, rather than let one area suffer for the sake of another. Classroom work should take precedence over all extracurricular activities. A complete listing of activities can be found at the end of this book.

ELIGIBILITY FOR ATHLETICS

Passing grades must have been received in a minimum of five one-credit courses, or the equivalent, in the immediately preceding grading period for athletic eligibility. In addition, a 1.0 G.P.A. must be obtained each grading period. This eligibility lasts for a nine-week period and is reviewed at the end of each grading period.

Which Direction Should You Choose?

- College prep pathway
 - Technical pathway
 - Vocational pathway
- Often students will select a combination of these choices to be well-rounded and keep future options open.

COLLEGE PREP PATH

Choosing this path will prepare a student to enter college upon graduation. College admission requirements vary from one university to the next. It is important for students to research various career pathways through college and focus on appropriate class selections throughout one's high school career. Also important is for college bound students to become involved in a variety of high school activities. Colleges look for students who will contribute to campus life in many ways.

All colleges want applicants to be well prepared in the academic subjects. It is recommended by universities to have a minimum of 3 credits of a world language and 1 credit of a fine art. College admissions requirements and recommendations vary based upon where you decided to apply. Plan your high school career to take as many classes as possible.

**** NOTE FOR ATHLETES:** If you are expecting to participate in athletics in a Division I or Division II College starting your freshman year, specific NCAA requirements must be met. Counselors and coaches have additional information on this subject.

TECHNICAL PATH

Choosing this path will enable a student to receive preparation in the many fields of technology. With the ever-changing workplace, the need for well-prepared future employees in this area is vital. These areas stress mathematics, science, and communications. According to the U.S. Bureau of Labor Statistics, the majority of occupations in the future will require technical education. West Branch High School strives to provide our students with these "tools for the future." Many classes in this area overlap for both college prep students and vocational students.

These options would include a combination of our elective courses as outlined in the course description section of this scheduling guide. If you know your specific career goal, please see your school counselor to determine which course offerings are best suited to your individual needs.

VOCATIONAL PATH

Vocational programs prepare the student to enter directly into the workforce or to continue education in a specific area. Vocational programs are offered both here at West Branch High School and at the Mahoning County Career and Technical Center in Canfield. Enrollment in a vocational program does not prevent a student from attending college or technical school upon graduation. Many of our vocational graduates continue on to further education.

Students whose future plans include a traditional college major should be careful; however, to make sure all high school prerequisites for college are met before selecting a vocational program. Students considering vocational training may refer to course descriptions for direction in choosing the appropriate prerequisites at the ninth and tenth grade levels. Your counselor has a great deal of information in this area – take advantage of it! **YOU MUST HAVE BOTH PHYSICAL EDUCATION CLASSES DONE TO GO TO MCCTC!**

Visit the Mahoning County Career & Technical Center website for available programs and program descriptions. Click [HERE](#) to access the MCCTC website.

ART DEPARTMENT

Course Code	Course	9	10	11	12	Prerequisite	Length of Course	Credit
ARTFOU	Foundation of Art	X	X	X	X		Semester	.5
ARTDRA	Drawing		X	X	X	X	All Year	1.0
ARTPAI	Painting		X	X	X	X	All Year	1.0
ARTADV	Advanced Art			X	X	X	All Year	1.0
ARTCOM	Multimedia/Computer Graphics 1	X	X	X	X		Semester	.5
ARTCO2	Multimedia/Computer Graphics 2	X	X	X	X	X	Semester	.5

Art Department Course Descriptions

Foundations of Art (ARTFOU)

.50 Credit

Elective

Semester Course

This course is concerned with developing basic motor and perceptual skills through a variety of media. The students will recognize and apply the 7 elements of art and the 7 principles of design. Projects will be based on various styles and movements of artists throughout art history. **Students must bring their own paintbrushes, which can be purchased for \$10 or less.

Drawing (ARTDRA)

1.00 Credit

Elective

All Year Course

PREREQUISITE: C OR ABOVE IN FOUNDATIONS OF ART

The course syllabus will dovetail the creative, imaginative and inventive properties of drawing with the Ohio State Department of Education's Visual Art Content Standards. Drawing is the first language humans learn and is the most ancient of art-making activities. The course will challenge drawing artists to explore wonderful and diverse art drawing medias and surfaces while expanding their vision and creativity. Drawing students will be immersed in the following:

- Drawing's Historical, Cultural and Social Contexts
- Drawing's Creative Expression and Communication Properties
- Drawing as it Relates to Analyzing and Responding
- Valuing Arts/Aesthetic Reflection as it Relates to Drawing
- Drawing Connections, Relationships and Applications

Painting (ARTPAI)

1.00 Credit

Elective

All Year Course

PREREQUISITE: C OR ABOVE IN FOUNDATIONS OF ART

The course syllabus will challenge the painter with, “a palette of possibilities,” encompassing traditional, contemporary, and experimental painting approaches. Student painters will explore aesthetic possibilities in abstract and representational areas, the use of traditional and non-traditional materials and the possibilities of painting in both two and three dimensional directions. The syllabus will involve student painters in a curriculum rich in the Ohio State Department of Education’s Visual Art Content Standards. Painting students will be immersed in the following:

- Painting’s Historical, Cultural and Social Contexts

- Painting’s Creative Expression and Communication Properties

- Painting as it Relates to Analyzing and Responding

- Valuing Arts/Aesthetic Reflection as it Relates to Painting

- Painting Connections, Relationships and Applications

**Students must bring their own paintbrushes, which can be purchased for \$10 or less.

Advanced Art (ARTADV)

1.00 Credit

Elective

All Year Course

PREREQUISITE: DRAWING OR PAINTING, C OR ABOVE IN FOUNDATIONS OF ART

The course syllabus will challenge the advanced artist with a course special in the nature of its flexibility and its interdisciplinary emphasis. Advanced artists will be encouraged to be more independent in nature, enjoy incorporating diverse media in their work, and be highly motivated to become well-rounded artists. The year’s program will be a mix of involvement in painting, sculpture, drawing, digital photography, printmaking, ceramics and jewelry. Emphasis will be placed on the organization of a portfolio as required for College/Art School admittance/scholarship. The syllabus will involve advanced artists in a curriculum rich in the Ohio State Department of Education’s Visual Art Content Standards.

Advanced artists will be immersed in the following:

- Art’s Historical, Cultural and Social Contexts

- Art’s Creative Expression and Communication Properties

- Art as it Relates to Analyzing and Responding

- Art Connections, Relationships and Application

**Students must bring their own paintbrushes, which can be purchased for \$10 or less.

Multimedia/Computer Graphics I (ARTCOM)

.50 Credit

Elective

Semester Course

Explore computer/digital camera-based art and photography as well as historical and current issues in technology-based art. Students will investigate developmental relationships between electronic art, animation, video art, and computer art as related to commercial industries and the mainstream art market. Social, aesthetic and cultural implications of multimedia art will be considered. Students will be introduced to the creative process behind multimedia/graphics design with a focus on visual thinking, exploring the relationship between image and word and the problem-solving process. Focus will include:

- * Multimedia graphic design projects will be explored through an emphasis in Adobe Photoshop
- * Experimentation with interactive graphics elements as a means of visual communication
- * Investigate multimedia graphics as revealed in global communication media, including the internet
- * Students will be introduced to Dell computers, digital cameras, and a Xerox scanner application. The primary software application used in class is Adobe Design Premium CS3, which includes Photoshop, Illustrator, and InDesign. Students will learn the basic function of the equipment and software applications. Seniors will be given first priority in registration. Class size will be limited. Students must achieve a 'C' or better in this course as a prerequisite to enter Multimedia/Advanced Computer Graphics II.

Multimedia/Advanced Computer Graphics II (ARTCO2)

.50 Credit

Elective

Semester Course

Prerequisite: C or above in Computer Graphics

A continuation of the development of skills introduced in Multimedia/Computer Graphics I. Emphasis will be on advanced digital and experimental imaging, computer-aided illustrations/designs, and photographic illustration.

Focus will include:

- * Preparing digital imaging for print and electronic media
 - * Concept development, aesthetics, technology and personal style are emphasized
 - * Experimental digital photography will be explored
 - * The capability of flatbed scanners, printers and telecommunication technology will be presented
 - * The pursuit of an individual aesthetic and understanding the principles and process of visual communication design will be encouraged
 - * Further investigate and understand web design
- Seniors will be given first priority in registration. Class size will be limited. The goal is to give the students the tools to take the ADOBE certified associate certification test.

BUSINESS DEPARTMENT

A semester class that is a 3-credit college class = 1 full high school credit.

Course Code	Course	9	10	11	12	Prerequisite	Length of Course	Credit	College Credit
FINLIT	Financial Literacy (required)	X	X				Semester	.5	
BUFOUN	Business Foundations	X	X	X	X		Semester	.5	
BUADMIN	Business Administration	X	X	X	X		2nd Semester	1.0	X
BUMTCCP	Medical Terminology	X	X	X	X		2nd Semester	1.0	X
BUDM	Digital Marketing	X	X	X	X		All Year	1.0	
BUCAPCCP	Computer Apps for Prof	X	X	X	X		Semester	.5	X
BUACC1	Accounting (2nd sem CCP)		X	X	X		All Year	1.5	X
BUWEB1	Web Design 1	X	X	X	X		Semester	.5	
CODING	Coding	X	X	X	X		All Year	1.0	X or AP

Business & Administrative Services Career Field Pathway

Below is listed the courses recommended to complete throughout your years here at West Branch High School. Upon completion of these courses you may be provided with college credit (if requirements are met) toward a business degree at a college of your choice.

BUSINESS FOUNDATIONS

0.50 CREDIT (HS)

ELECTIVE-GRADES 9-12

SEMESTER

Business Foundations introduces students to specializations within the career fields of Business Administration, Finance, and Marketing. Students will obtain knowledge and skills in fundamental business activities. They will acquire knowledge of business processes, economics, and business relationships. Students will use technology to synthesize and share business information. This course is a combination of hands-on projects, applicable media, and presentation of content skills.

COMPUTER APPLICATIONS FOR PROFESSIONALS

3.0 CREDITS (CCP)

ELECTIVE-GRADES 9-12

1.0 CREDITS (HS)

SEMESTER

Computer Applications for Professionals is a Stark State Tag course. Students may receive college credit after meeting all requirements. This course familiarizes students with major Windows-based applications software and introduces the Windows operating system, the Windows networking environment, and practices file and folder maintenance. The focus of the course is to provide students with basic understanding and competence in industry-standard word processing, spreadsheet, database, and presentation software applications used to solve scientific, business, and engineering problems. **Students may receive up to 3 hours of college credit through Stark State College if all requirements are met.**

BUSINESS ADMINISTRATION/ENTREPRENEURSHIP

ELECTIVE-GRADES 9-12

0.50 CREDIT (HS)

SEMESTER

Business Administration introduces students to the specializations offered in Business and Administrative Services. Students will obtain fundamental knowledge and skills in general management, human resources, operations management, business informatics and office management. Students will use technological tools and applications to develop a strong foundation in business. Entrepreneurial skills will be developed and encouraged during this course. This course is a combination of hands-on projects, applicable media, and presentation of content skills.

MEDICAL TERMINOLOGY

ELECTIVE-GRADES 9-12

3.0 CREDITS (CCP)

1.0 CREDIT (HS)

SEMESTER

Medical terminology focuses on the applications of the rules for constructing and defining medical terms with an emphasis on building a working medical vocabulary. Topics include using the appropriate abbreviations and symbols for anatomical, physiological and pathological classifications and the associated medical specialties and procedures. This course is an excellent option for any student considering pursuing a degree in the medical field. **Students may receive up to 3 hours of college credit through Stark State College if all requirements are met.**

CREATIVE APPLICATIONS FOR COMPUTERS (BUCA1) non CCP

ELECTIVE-GRADES 9-12

0.50 CREDIT (HS)

SEMESTER

This course is devoted to building speed and accuracy in basic word processing. Students are introduced to Microsoft Office 2016 Word, Excel, PowerPoint, Publisher, & Access. This course is recommended for all students to help them be prepared for technology regardless of their career path.

DIGITAL MARKETING I (BUDM) formerly Web Design I & II

ELECTIVE GRADES 9-12

1.0 CREDIT (HS)

ALL YEAR

This is a year long course that combines Web Design I & II. Students will apply tools, strategies and processes to communicate digitally with targeted customers. They will create, implement, and critique online advertising, email marketing, websites, social media, mobile marketing, search engine optimization, video or images and podcasts/webcasts. Students will apply project management techniques to guide and control digital communications efforts. They will also create and repurpose content for use in digital environments. Technology, employability skills, leadership and communications will be incorporated in classroom activities.

DIGITAL MARKETING II (BUDM2) formerly Advanced Web Design I & II

1.0 CREDIT (HS)

ALL YEAR

This is a year long course that combines Advanced Web Design I & II. Students will continue to explore Adobe applications products such as Dreamweaver, Flash, Photoshop, InDesign, Fireworks, and other relevant software applications. Students will progress at an individual pace, completing assignments and projects. Technology, employability skills, leadership and communications will be incorporated in classroom activities to provide students with skills necessary to succeed in the workplace.

ACCOUNTING (BUACC)

3.0 CREDITS (CCP)

1.0 CREDIT (HS)

ALL YEAR

This course teaches the basic principles of the double entry accounting system. Students will learn the function of accounting in business along with the various forms used and associated vocabulary. Instruction is given for the accounting cycle and the preparation of financial statements. This course is highly beneficial to students going directly into the job market and students continuing their education in any business major. **Students may receive up to 3 hours of college credit through Stark State College for the 2nd semester if all requirements are met.**

CODING/PROGRAMMING

3.0 CREDITS (CCP)

1.0 CREDITS (HS)

ALL YEAR

In this course, students will be introduced to the basics of coding/programming during the first semester. More specifically, students will learn the basic units of logic: sequence, selection, and loop. Students will apply algorithmic solutions to problem-domain scenarios. They will gain experience in using commercial and open source languages, programs, and applications. During the second semester, this course will be CCP through Stark State and will be delivered in an online environment. This part of the course will further enhance the students' knowledge of program logic and problem solving techniques. Primary emphasis is on achieving familiarity with structured programming principles through awareness and application of structured programming and object-oriented concepts and techniques. Upon course completion, students will develop the logic to solve programming solutions using structured flowcharts and pseudocode. **Students may receive up to 3 hours of college credit through Stark State College for the 2nd semester if all requirements are met.**

ENGLISH DEPARTMENT

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
E09	English 9	X					All year	1.0
E09H	English 9 Honors	X				X	All year	1.0
E10	English 10		X				All year	1.0
E10H	English 10 Honors		X			X	All year	1.0
E11	English 11			X			All year	1.0
E11H	English 11 Honors			X		X	All year	1.0
E12	English 12				X		All year	1.0
ECWCCP	English 12 CCP	X	X	X	X	X	All year	2.0
ECRW	Creative Writing		X	X	X	X	Semester	.50
ECRW2	Creative Writing 2		X	X	X	X	Semester	.50
S09	Public Speaking (Not offered 19-20 school year)	X	X	X	X		1 st Semester	.50
EDEB	Debate (Not offered 19-20 school year)		X	X	X		2 nd Semester	.50
EYAL	Studies in Young Adult Literature		X	X	X	X	2nd Semester	.50
EMYT	Mythology		X	X	X		Semester	.50
ESS	Senior Seminar (pass/fail)				X	X	1st Semester	.5
CODING	AP Computer Science Principles	X	X	X	X		All Year	1.0

English Department Course Descriptions

English 9 (E09)

1.00 Credit

Required

All Year Course

This course satisfies the first year course requirement in the English Department, to fulfill the new Common Core Standards. All English Language Arts Content Standards for grade 9 will be addressed during the year. The literature component will include short stories, poems, editorials, essays, and novels. The writing component will include a research paper, personal narrative, argumentative, and expository writing. Students will develop skills in critical thinking to become effective communicators.

English 9H (E09H)

1.00 Credit

Alternative to English 9

All Year Course

PREREQUISITES - RECOMMENDATION/MINIMUM TEST SCORE REQUIRED

This course satisfies the first year course requirement in the English Department, to fulfill the new Ohio Core Curriculum. All English Language Arts Content Standards for grade 9 will be addressed during the year. Honors English will encompass a greater range of literature and writing activities, as students develop critical thinking skills to become effective communicators. Students are required to complete summer reading assignments, prior to the start of school. In addition, students will participate in the Charity Project – a second semester activity centered on a charity of their choice.

English 10 (E10)

1.00 Credit

Required

All Year Course

This course satisfies the second year course requirement in the English Department, to fulfill the new Common Core Standards. English 10 involves the study of classic and contemporary authors and their works. Writing is stressed and grammar is reviewed as part of the writing process.

English 10H (E10H)

1.00 Credit

Alternative to English 10

All Year Course

PREREQUISITES: ENGLISH 9 HONORS OR EARN AN A IN ENGLISH 9 AND TEACHER RECOMMENDATION

This course satisfies the second year course requirement in the English Department, to fulfill the new Common Core Standards. English 10 involves the study of classic and contemporary authors and their works. Writing is stressed and grammar is reviewed as part of the writing process.

English 11 (E11)

1.00 Credit

Required

All Year Course

PREREQUISITES: PASSING GRADE IN ENGLISH 10 OR 10H

This course satisfies the third year course requirement in the English Department, to fulfill the new Common Core Standards. English 11 concentrates on the review of basic writing skills, the development of skills in written composition, and the study of a variety of authors in American literature. In addition, students will write a research paper of 5-8 pages.

English 11H (E11H)

1.00 Credit

Alternative to English 11

All Year Course

PREREQUISITES: ENGLISH 10 HONORS OR EARN AN A IN ENGLISH 10 AND SCORE A MINIMUM OF A 4 ON THE ENGLISH 9 EOC.

This course satisfies the third year course requirement in the English Department, to fulfill the new Common Core Standards. Honors English 11 will include the study of American literature and the opportunity to develop skills in written composition. The basic text will be the same as English 11 with

additional readings, critical thinking projects and a career passport. A 5-8 page research paper will be written.

English 12 (E12)

1.00 Credit

Required

All Year Course

PREREQUISITES: ENGLISH 11 OR 11H

This course satisfies the fourth year course requirement in the English Department to fulfill the new Common Core Standards. This course is designed to prepare students to be college and career ready through evaluating complex texts, communicating effectively, and using technology efficiently. Writing focuses on argumentative, informative, narrative, and research writing.

English 12 CCP (ECW12CCP)

2.00 Credits

Required – Alternate to English 12

All Year Course

PREREQUISITES: ENGLISH 11 HONORS OR MEET THE KENT ADMISSION REQUIREMENTS TO RECEIVE COLLEGE CREDIT, STUDENTS MUST APPLY AND BE ACCEPTED TO KENT SALEM

This course satisfies the fourth year course requirement in the English Department to fulfill the new Common Core Standards. The Dual Credit English course is divided into semesters. The fall semester offers College Writing I and the spring semester offers College Writing II. Students can receive up to 6 credit hours from Kent State University by enrolling in the CCP class. Each semester course is the equivalent of 1 high school English course.

College Writing I – The primary goal of College Writing I is to help you become an active and engaged reader and writer. This class includes the study and practice of academic writing, including an introduction to rhetorical principles, the writing process, critical reading research and technology. Specifically, we will concentrate on learning to think, read and write critically. (3 credit hours = 1 high school credit)

College Writing II – This course will build on what you have learned in Writing I, with emphasis on research and inquiry, culminating in a lengthy written and/or multi-modal project. (3 credit hours = 1 high school credit)

Creative Writing (ECRW)

.50 Credit

Elective: Grades 10-12

Semester Course

PREREQUISITE: "C" OR BETTER IN PREVIOUS OR CURRENT ENGLISH COURSE AND/OR TEACHER RECOMMENDATION.

This elective course is designed for juniors, seniors, and select sophomores who love to write. Students write every day and complete one formal draft per week. Students are required frequently to share their writing out loud and in small workshop groups. They will also integrate literary terms into their writing, emulate styles of popular writers, and generate writing portfolios among many other writing engagements.

Creative Writing 2 (ECRW2)

.50 Credit

Elective: Grades 10-12

Semester Course

PREREQUISITE: CREATIVE WRITING 1 AND TEACHER RECOMMENDATION

This elective course gives students an opportunity to build on the writing skills in which they engaged during their participation in the previous course, *Creative Writing 1*. It is taught at the same time, in the same room as *Creative Writing* and will overlap many topics; this allows students to draft and redraft pieces to elevate their writing product. The class is designed for sophomores, juniors, and seniors who enjoy creativity, writing, or both. Students will be strongly encouraged to share their writing aloud to

the class; they will workshop their writing, and they will have opportunities to participate in writing contests. They will add to their writing portfolios, as they continue to grow as writers.

Public Speaking/Communication (S09) ***Not offered 19-20 school year** .50 Credit
Elective: Grades 9-12 1st Semester Course
Public Speaking / Communication is designed to help all students gain skills in a variety of speaking and listening situations. Speeches include: demonstration, food demonstration, persuasive, technology, monologue, duo skit, choral readings, job interviews, etc. Join the class and join the fun!

Debate (EDEB) ***Not offered 19-20 school year** .50 Credit
Elective: Grades 10-12 2nd Semester Course
Students will study the theories of formal argumentation and reasoning and will debate contemporary issues in class using Public Forum Debate format, as designated by the National Forensics League. Students will develop skills in research, persuasion, and oral communication. You may take this course with or without taking Public Speaking.

Studies in Young Adult Literature (EYAL) .50 Credit
Elective: Grades 9-12 2nd Semester Course
PREREQUISITE: GRADES 10-12 AND EITHER AN A OR B IN PREVIOUS ENGLISH COURSE OR TEACHER RECOMMENDATION COURSE FEES – \$8.00 REGISTRATION FEE FOR ENGLISH FESTIVAL
Students will read and discuss all seven of the young adult novels on the YSU English Festival list. Participation in the English Festival is expected. Students will read the One Book One Community book selection and meet the author. Students will also read new Young Adult Literature releases, award winners, and/or books of their choice from our school library. If you love to read, this is the class for you!

Mythology (EMYT) **Will be offered 19-20 school year!** .50 Credit
Elective Semester Course
PREREQUISITE: GRADES 10-12
Mythology is an introductory course designed to study the gods, monsters, and heroes of the ancient world. Emphasis will be placed primarily on the myths of ancient Greece and Rome. Students will examine the influence of these myths on the art, literature and culture of our modern world.

Senior Seminar in English (ESS12) .50 Credit
Elective 1st Semester Course
Class will be graded PASS/FAIL
PREREQUISITE: MUST HAVE A C OR HIGHER IN PREVIOUS ENGLISH CLASSES. MUST HAVE COMPLETED E11, E11H, or E12CCP.
This class is strictly intended and geared toward students preparing for college. Students will engage in various activities in preparation for application, acceptance, and adjustment to higher education, in and out of the classroom. With weekly goals ranging from applying to colleges and for scholarships, learning about the NCAA and its rules and eligibility, writing an MLA and an APA essay, job shadowing, and community service, this class will help organize and encourage high school seniors as they prepare for their transition to collegiate life. The guidance department will work with the classroom teacher as well as regularly with the students to strengthen their understanding and candidacy for college acceptance, scholarships, and available resources.

AP Computer Science Principles

1.0 Credits

Elective

Semester

This course covers many topics including the Internet, Big Data and Privacy, and Programming and Algorithms. Computer science is all about being innovative—finding ways to solve problems. In this class, you will discover lots of connections between people and computing, explore how technology impacts absolutely everything in your life, and work with others in fun and creative ways. Check out this short video about how coding is used in our lives and what jobs are involved/invented:

<https://youtu.be/QvyTEx1wyOY>

WORLD LANGUAGE DEPARTMENT

***If you do not pass the first semester, you will not be permitted to take the second semester of this course.**

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
FLS1	Spanish 1	X	X	X	X	X	Year Long	1.00
FLS2	Spanish 2		X	X	X	X	Year Long	1.00
FLS3	Spanish 3			X	X	X	Year Long	1.00
FLS4	Spanish 4				X	X	Year Long	1.00

World Language Course Descriptions**Spanish 1 (FLS1)**

1.00 Credit

Elective

Year Long Course

PREREQUISITES: "C" AVERAGE REQUIRED IN PREVIOUS YEAR'S LANGUAGE ARTS AND/OR TEACHER RECOMMENDATION

Students will develop basic pronunciation and comprehension skills, will learn to speak and write a basic sentence and will read simple text-related materials. They will learn basic cultural differences and similarities. Students will be required to memorize vocabulary, to apply simple grammar concepts, to do homework, and to participate in general classroom work.

Spanish 2 (FLS2)

1.00 Credit

Elective

Year Long Course

PREREQUISITES: "C" AVERAGE REQUIRED IN PREVIOUS LEVEL

Students will learn to distinguish sound and patterns of more complex sentences. They will compose accurate, grammatically correct basic paragraphs. They will take part in writing and performing short dialogues and will learn to use correct rhythm and intonation. The students' cultural knowledge will be expanded and geography and history will be introduced. Students will be required to memorize vocabulary, master more difficult grammar concepts, do homework, and participate in general classroom work

Spanish 3 (FLS3)

1.00 Credit

Elective

Year Long Course

PREREQUISITES: "C" AVERAGE REQUIRED IN PREVIOUS LEVEL

Advanced grammar is continued and vocabulary is expanded. Students will begin to read short excerpts from newspapers, magazines and other authentic reading material. The emphasis will be on reading comprehension, in addition to translation. Students will compose paragraphs of more difficulty than in previous levels. Various projects and activities will give students the opportunity to practice and apply a variety of language skills.

Spanish 4 (FLS4)

1.00 Credit

Elective

Year Long Course

PREREQUISITES: "C" AVERAGE REQUIRED IN PREVIOUS LEVEL

Students will continue to read a variety of authentic works. They will write short compositions which will incorporate advanced grammar and vocabulary. Students will work in a variety of settings: individual, one-to-one with the teacher, group, and traditional classroom. Skills of listening, reading, writing and speaking will be refined.

HEALTH AND PHYSICAL EDUCATION DEPARTMENT

In order to earn your PE required credits, you must take at least 1 semester of regular physical education (PEG).

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
H09	Health	X					Semester	.50
PEG	Physical Education	X	X	X	X		Semester	.25
PESC1-1	Sports Conditioning I	X	X	X	X		1st Semester	.50
PESC1-2	Sports Conditioning I	X	X	X	X		2nd Semester	.50
PESC2-1	Sports Conditioning II		X	X	X	X	1st Semester	.50
PESC2-2	Sports Conditioning II		X	X	X	X	2nd Semester	.50
PETS	Team Sports	X	X	X	X	X	Semester	.25
PEIS	Individual Sports	X	X	X	X	X	Semester	.25

Health & Physical Education Course Descriptions

Health (HO9)

.50 Credit

REQUIRED

Semester Course

This course covers physical, mental, emotional, and social aspects of health, alcohol and drug abuse, exercise/nutrition, first aid, CPR, and sex education. During the CPR portion of the course, students will work with mannequins and become Heart Association certified.

Physical Education (PEG)

.25 Credit

REQUIRED

Semester Course

Physical education can include students from grades 9 through 12. Students need to supply appropriate gym clothes and gym shoes. The class will meet every day of the week for one semester. A typical class would consist of approximately 30 minutes of physical activity including warm up and flexibility exercises. Fitness, motor skill development, individual and team activities will be stressed.

Sports Conditions I (PESC1-1) First Sem., (PESC1-2) Second Sem.

.50 Credit

Elective – Grade 9/10 (anyone), Grade 11/12 (Female)

Semester Course

Sports Conditioning I will be for fitness novices to learn equipment and methods of personal fitness training to improve overall health and fitness and to appreciate the importance of maintaining a fitness-based lifestyle. This will include basic weight training, circuit training and low impact fitness such as jump rope, static and dynamic movements. You will also look to improve on the 5 components of fitness: muscular strength, muscular endurance, flexibility, cardio-respiratory endurance, and body composition. A focus will be on personal growth toward enhancing your fitness level.

Sports Conditions II (PESC2-1) First Sem., (PESC2-2) Second Sem.

.50 Credit

Elective – 10th, 11th & 12th /Teacher Recommendation

Semester Course

PREREQUISITES: PARTICIPATION IN A SPORT, SPORTS CONDITIONING I OR TEACHER RECOMMENDATION

Sports Conditioning II is a class designated to supplement the Physical Education curriculum with an emphasis on strength training and physical conditioning to enhance sports fitness, as well as lifelong fitness. Students will utilize weightlifting and conditioning programs to improve their overall strength and fitness level. Students will learn proper techniques, safety procedures, and training measures in this class and apply knowledge to their own personal fitness. Regular participation and personal growth in Sports Conditioning strength is an expectation.

Team Sports (PETS)

.25 Credit

Elective

Semester Course

PREREQUISITE: GENERAL PHYSICAL EDUCATION

This class is designed for students that enjoy playing team activities. Students will be participating in only team activities such as Volleyball, Basketball, Soccer, Dodgeball, Team Handball, Floor Hockey and

more. The emphasis will be game play strategy, not development. Students will be required to wear appropriate clothing to class. The class will meet every day of the week for one semester.

Individual Sports (PEIS)

.25 Credit

Elective

Semester Course

PREREQUISITE: GENERAL PHYSICAL EDUCATION

Individual Sports will consist of students participating in activities such as Tennis, Badminton, Frisbee activities, archery, cornhole, Golf and more. Game play and skill development will be the emphasis. Students will be required to change and wear appropriate clothing for class. The class will meet every day of the week for one semester.

FAMILY & CONSUMER SCIENCES

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
HEFFIT	Food & Fitness	X	X	X	X	X	Semester	.50
HECD	Child Development	X	X	X	X		Semester	.50
HEWG	Warrior Grill	X	X	X	X		Semester	.50
HEID	Interior Design & Clothing	X	X	X	X		Semester	.50
HEWD	Wellness & Development	X	X	X	X		Semester	.50
FINLIT	Financial Literacy	X	X	X	X		Semester	.50
HECC	Creative Cooking	X	X	X	X	X	Semester	.50

Family & Consumer Science Course Descriptions

Food & Fitness (HEFFIT) – OFFERED EVERY OTHER YEAR

.50 Credit

Elective – All Students

Semester Course

PREREQUISITE – WARRIOR GRILL

Students will use their Warrior Grill skills in this class by applying fundamental culinary techniques, selection and proper use of tools and equipment. This is a course that encourages students to making healthy food choices, creating a healthy lifestyle, with an emphasis on healthy and safe foods prepared in the cooking lab for themselves and the family. Students will prepare simple meals from healthy menu planning. Students will determine how exercise habits may promote healthy weight. This course will cover the state standards for Principles of Nutrition & Wellness

Career Tech Code: 091225

Child Development (HECD)

.5 credit

Elective - All Students

Semester Course

If you ever wanted to practice being a West Branch Local Schools teacher, YOU are in the right place! This course develops teaching skills necessary to successfully and happily nurture and care for young children. Students will study the development of newborns, toddlers, and preschoolers. Students will practice their teaching skills with children in a preschool/elementary setting to benefit the community. This course will cover the state standards for Child Development.

Career Tech Code: 091025

Warrior Grill (HEWG)

.50 Credit

Elective – All Students

Semester Course

This is a course that will help students learn more about healthy foods and create them in the cooking lab. Students will learn safe food handling, preparation and clean-up to provide for themselves and the community. Students will explore the cultural influence on food choices and prepare authentic recipes. Students will apply cooking methods, ingredient selection and nutritional information in the context of selected food dishes. Throughout the course, basic food safety and sanitation techniques will be emphasized. This course will cover the state standards for Principles of Food.

Career Tech Code: 091205

Creative Cooking (HECC)

.50 Credit

Elective – All Students

Semester Course

PREREQUISITE – WARRIOR GRILL

In this course students will use their Warrior Grill skills to compare different cultural foods, ingredients and cooking methods. Students will apply basic culinary practices and understand how flavor, texture and appearance are affected during food preparation. Students will evaluate chemical reactions as they occur in cooking methods and assess how to control high-risk food safety situation. In this course, students will apply fundamental culinary techniques, such as knife handling skills and the recognition, selection and proper use of tools and equipment. This course will cover the state standards for Food Sciences.

Career Tech Code: 091215

Interior Design & Clothing (HEID)

.50 Credit

Elective - All Students

Semester Course

In this course students will study the visual appearance of fabric fashion design and career opportunities available in the field of interior design and clothing in STEM related projects. Projects will consist of but not be limited to painting Warrior logos, sewing a scarf, pillowcase, quilt and individual projects. A service learning donation sewing project will be assigned. Students will identify, analyze and apply production processes and techniques to textiles. Additional topics will include project collaboration, design techniques and environmental sustainability. Costs could range from \$20-\$40 for the Semester. This course will cover the state standards for Textile Design, Construction and Maintenance. Individual costs for projects are the responsibility of the student.

Career Tech Code: 091505

Wellness & Development (HEWD)

.50 Credit

Elective – All Students

Semester Course

This is a course that will help students enhance their personal development and interaction with others during high school and after graduation. Areas to be covered include: dating, living on your own, renting an apartment, preparing simple meals, consumer decision making skills and budgeting. Real life situations and cooking labs will allow the student to practice decision making skills necessary for life. Throughout the course, students will develop communication, leadership and career investigation skills. This course will cover the state standards for Wellness & Development.

Career Tech Code: 093005

Financial Literacy Elective (FINLIT)

.50 Credit

Required-Sophomores

Semester Course

FRESHMEN WHO FILE FOR A PE WAIVER MAY TAKE THIS COURSE THIS COURSE SATISFIES THE FINANCIAL LITERACY REQUIREMENT FOR GRADUATION

Financial literacy is defined as the ability to read, analyze, manage and communicate about the personal financial conditions that affect material well-being. It includes the ability to discern financial choices, discuss money and financial issues without (or despite) discomfort, plan for the future and respond competently to life events that affect everyday financial decisions, including events in the general economy. As a result of taking part in the NEFE High School Financial Planning Program, students will build confidence, apply practical skills, and exhibit sensible behaviors related to money management. Each student should receive a Student Guide workbook for each module studied. The guide is intended to remain the students' property for future reference. The course topics include: money management, borrowing, earning power, investing, financial services, and insurance. The course also uses Ever Fi - Financial Literacy™, which is a new-media learning platform that uses the latest technology – video, animations, 3-D gaming, avatars, and social networking – to bring complex financial concepts to life for today's digital generation. This course will cover the state standards for Personal Financial Management.

Career Tech Code: 091052

Engineering Technology

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
IAET1	Engineering Technology I	X	X	X	X	X	All Year	1.00
IAET2	Engineering Technology II		X	X	X	X	All Year	1.00
IAET3	Engineering Technology III			X	X	X	All Year	1.00
IAWT	Woodworking Technology	X	X	X	X		All Year	1.00

IACT	Construction Technology & Advanced Woodworking		X	X	X	X	All Year	1.00
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Engineering Technology Course Descriptions

Engineering Technology I (IAET1)

Elective 1.00 Credit All Year Course

PREREQUISITE: INTRO TO TECHNOLOGY AND ENGINEERING

Students learn about a variety of aspects of technology – from how to select a career in engineering to how to use technology to enhance their daily lives. Students will expand on topics learned in Intro to Tech. Topics to be covered: advanced orthographic projection, sectional view, auxiliary view, pictorials and basic engineering projects. This course would be especially valuable to the student interested in a career in engineering/industrial technology or architecture.

Engineering Technology II (IAET2)

Elective 1.00 Credit All Year Course

PREREQUISITE: ENGINEERING TECH I

Students learn advanced skills concentrating in methods of industrial technology and engineering in industry. Computer aided drafting, computer numerical control, power point presentations and internet research are part of what you will learn. Many engineering projects will be designed, constructed and tested to help students learn to problem solve through technical concepts. This course would be especially valuable to the student who wishes to pursue a career in engineering or industry.

Woodworking Technology (IAWT)

Elective 1.00 Credit All Year Course

This course is designed to further student's skills in woodworking. Development of safe working conditions will be stressed. Students will learn to design and construct wood projects using hand and power tools. There will be an emphasis in plan reading and AutoCAD to further students understanding of the design process.

Construction Technology & Advanced Woodworking (IACT)

Elective: 10th, 11th & 12th 1.50 Credit All Year Course

PREREQUISITE: WOODWORKING TECHNOLOGY

This course is designed for students to further their studies in Technology and receive more specialized training in the area of construction and advanced woodworking. Students will learn the basics of home maintenance, building codes, construction methods and processes, etc. Safety will be stressed as students use power tools to construct and complete various types of construction and furniture projects.

Math Department

Course Code	Course	9	10	11	12	Pre-requisite	Length of course	Credit
MALG1F MALG1S	Algebra 1 – freshmen Algebra 1 - sophomores	X	X				All Year	1.00
MGEOMS MGEOMJ	Geometry - sophomores Geometry - juniors		X	X		X	All Year	1.00
MGEOMH	Honors Geometry	X				X	All Year	1.00
MFSS	Functions & Spatial Sense			X		X	All Year	1.00

MALG2J MALG2S	Algebra II – juniors Algebra II - seniors			X	X	X	All Year	1.00
MADV	Advanced Math/Trig			X	X	X	All Year	1.00
MFST	Functions and Trigonometry			X		X	All Year	1.00
MSTAT	Statistics			X	X	X	All Year	1.00
MCALCAP	AP Calculus				X	X	All Year	1.00

Math Course Descriptions

Algebra 1 (MALG1F – freshmen or MALG1S – sophomores)

SCIENTIFIC CALCULATOR REQUIRED 1.00 Credit All Year

This course satisfies the first year course requirement in the Math Department, to fulfill the new Common Core Standards. It includes the concepts of real number properties, solving linear and quadratic equations, graphing, problem-solving strategies, deductive reasoning, patterns, relations, and functions, and an introduction to probability and statistics. It is the first course in a sequence that would empower the student to succeed in advanced mathematical topics.

ANY CURRENT FRESHMEN WHO IS TAKING APPLIED ALGEBRA WILL TAKE ALGEBRA 1 FOR SOPHOMORES NEXT YEAR – PLEASE USE SOPHOMORE CODE!

Geometry (MGEOMS - sophomores or MGEOMJ - juniors)

SCIENTIFIC CALCULATOR REQUIRED - TI-30X S (ORB) 1.00 Credit All Year

Course

PREREQUISITE: ALGEBRA I

This course satisfies the second year course requirement in the Math Department, to fulfill the new Common Core Standards. It includes the study of 2 and 3 dimensional figures. Students will construct and interpret geometric models and apply properties to problem situations. An algebraic treatment of geometry will be included as will a brief treatment of trigonometry. It is the second course in a sequence that would empower the student to succeed in advanced mathematical topics. Students who complete Geometry should take Algebra II or Functions and Spatial Sense, depending on teacher recommendation.

Honors Geometry (MGEOMH)

1.00 Credit All Year Course

PREREQUISITES: ALGEBRA I WITH A MINIMUM OF B AVERAGE AND TEACHER RECOMMENDATION

This course satisfies the first year course requirement in the Math Department, to fulfill the new Common Core Standards. It will include all of the topics listed for the Geometry course. These topics will be covered in greater depth and at a more advanced pace than the regular geometry course. This course is designed to challenge the exceptional math student to excel in advanced mathematical topics.

Functions & Spatial Sense (MFSS)

1.00 Credit All Year Course

TEACHER RECOMMENDATION ONLY

This course satisfies the third year course requirement in the math department, to fulfill the new Common Core Standards. The purpose of this course is to extend the algebra concepts/spatial reasoning to be successful in algebra II. Problem solving and mathematical modeling will be introduced early and reinforced throughout the course.

ANY CURRENT JUNIOR WHO IS TAKING FUNCTIONS & SPATIAL SENSE WILL TAKE ALGEBRA 2 FOR SENIORS NEXT YEAR – PLEASE USE SENIOR CODE!

Algebra II (MALG2J – juniors or MALG2S – seniors)

1.00 Credit All Year Course

GRAPHING CALCULATOR HIGHLY RECOMMENDED - TI84 or TI-Nspire

PREREQUISITES: ALGEBRA I AND GEOMETRY WITH A C AVERAGE

This course satisfies the third year course requirement for juniors or the fourth year course requirement for seniors in the Math Department, to fulfill the new Common Core Standards. The purpose is to extend concepts introduced in Algebra I and will include matrices, quadratic equations, and exploration of functions, including polynomial and exponential functions. It is the third course in a sequence that would empower the student to succeed in advanced mathematical topics.

Honors Algebra II (MALG2H)

1.00 Credit All Year Course

GRAPHING CALCULATOR REQUIRED – TI 83/TI 84 (TI 89 NOT PERMITTED), TI-Nspire

PREREQUISITE: HONORS GEOMETRY WITH A B MINIMUM AVERAGE OR TEACHER RECOMMENDATION

This course satisfies the third year course requirement in the Math Department, to fulfill the new Common Core Standards. It will include all of the topics listed for the Algebra II course and topics specifically needed for preparation of Advanced Math and Calculus. These topics will be covered in greater depth and at a more advanced pace than the regular Algebra II course. Emphasis will be placed on topics designed to challenge the exceptional math student to excel in advanced mathematical topics.

Advanced Math/Trig (MADV)

1.00 Credit All Year Course

GRAPHING CALCULATOR REQUIRED

PREREQUISITES: ALGEBRA II

This course satisfies the fourth year course requirement in the Math Department, to fulfill the new Common Core Standards. Advanced Math / Trig will require a very solid math background. It will center on mathematical analysis where concepts that provide a substantial basis for college calculus are studied.

Honors Advance Math/Trig (MADVH)

1.00 Credit All Year Course

GRAPHING CALCULATOR REQUIRED – TI83/TI84

PREREQUISITES: ALGEBRA II WITH A MINIMUM GRADE OF A AVERAGE AND TEACHER RECOMMENDATION OR HONORS ALGEBRA II WITH A MINIMUM GRADE OF B AVERAGE.

This course satisfies the third year course requirement in the Math Department, to fulfill the new Common Core Standards. It will include all the topics listed for the Advanced Math course. These topics will be covered in greater depth and at a more advanced path than the regular advanced math course. This course is designed for those students who wish to pursue more advanced math topics such as calculus.

Functions and Trigonometry (MFST)

1.00 Credit All Year Course

GRAPHING CALCULATOR REQUIRED –TI-Nspire recommended

PREREQUISITE: ALGEBRA II WITH TEACHER RECOMMENDATION

This course satisfies the fourth year course requirement in the Math Department, to fulfill the new Common Core Standards. This course will provide complete coverage of the trigonometry concept along with a review and expansion of the function concept from Algebra II. Problem solving and mathematical modeling will be introduced early and reinforced throughout the course.

Statistics (MSTAT) College Credit Plus Option

1.00 Credit All Year Course

GRAPHING CALCULATOR REQUIRED – TI-Nspire recommended

PREREQUISITE: ALGEBRA II WITH TEACHER RECOMMENDATION OR ADVANCED MATH TO RECEIVE COLLEGE CREDIT – MUST MEET KENT STATE ADMISSION CRITERIA

This course satisfies the fourth year course requirement in the Math Department, to fulfill the new Common Core Standards. Students will learn about and use statistical methods to interpret real-life data from newspapers, magazines, and other sources. An increased technology focus will guide students throughout the course. Students will have the opportunity to conduct their own statistical study by applying the material learned, at the conclusion of the course.

AP Calculus AB (MCALCAP)

1.00 Credit All Year Course

GRAPHING CALCULATOR REQUIRED – TI-84 or equivalent

PREREQUISITE: AN A IN ADVANCED MATH, OR IF A STUDENT HAS TAKEN THE ACT, A 23 ON THE MATHEMATICS SECTION IS REQUIRED

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals, and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. There will be mandatory participation in the AP test at the completion of this course.

(THE ADJUSTED GRADING SCALE APPLIES TO THIS COURSE)

Music Department

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
MUBAND	Band	X	X	X	X		All year	1.00
MULAB	Lab Band	X	X	X	X	X	All year	1.00
MUWCH	Warrior Womens Chorus	X	X				All year	1.00

MUCON	Concert Choir		X	X	X		All year	1.00
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Music Course Descriptions

Band (MUBAND)

Elective 1.00 Credit All Year Course

OUTSIDE PERFORMANCES REQUIRED

Band is open to all high school students that play an instrument. The course is composed of a Marching Band portion in the fall and a Concert Band portion the balance of the year. Participation in performances is a required part of the curriculum.

Lab Band (MULAB)

Elective 1.00 Credit All Year Course

OUTSIDE PERFORMANCES REQUIRED

Lab Band is available only to members of the band. Only specific instruments are required for this ensemble and selection is by audition only. This performing group plays a variety of music from the Big Band era to present day styles. Participation in performances is a required part of the curriculum.

Warrior Womens Chorus (MUWCH)

Elective – Female Singers in Grades 9-10 1.00 Credit All Year Course

OUTSIDE PERFORMANCES REQUIRED

This class provides an opportunity for female singers in grades 9 and 10 to develop vocal and musical skills. Performances scheduled throughout the year are a required part of the curriculum.

Concert Choir (MUCON)

Elective – Sophomore Males, Junior & Senior Female Singers 1.00 Credit All Year Course

OUTSIDE PERFORMANCES REQUIRED

This class, open to sophomore boys and juniors & senior female singers, allows the students to expand their skills by performing larger choral works. Performances scheduled throughout the year are a required part of the curriculum.

Science Department

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit	CCP
SCPS	Physical Science	X					All Year	1.00	
SCBIO	Biology		X				All year	1.00	
SCBIOH	Honors Biology		X			X	All Year	1.00	

SCCHEM	Chemistry			X	X	X	All year	1.25	
SCPHY	Physics				X	X	All year	1.00	
SCANAT	Anatomy			X	X	X	All year	1.00	
SCAPCCP	Introduction to Anatomy & Physiology 101 (Stark)			X	X	X	Semester	1.00	X
SCAPLCCP	Anat & Phys Lab			X	X	X	2nd Semester	.50	
SCHBCCP	Human Biology 127 (Stark)			X	X	X	Semester	1.00	X
SCMAR	Marine Science			X	X	X	All year	1.00	
SCBIOAP	AP Biology			X	X	X	All year	1.00	

Science Course Descriptions

Physical Science (SCPS)

Required 1.00 Credit All Year Course

Physical Science is a required course taken during the freshmen year, which satisfies the new Common Core Standards requirement in the basic physical science discipline. The course provides a general background in the areas of Chemistry, Earth/Space, and Physics, and emphasizes an inquiry based approach with experimentation. The student will be expected to complete lab reports, projects, and other assignments that require time spent in and outside of the classroom.

Biology (SCBIO)

Required 1.00 Credit All Year Course

Biology is a required course taken during the sophomore year, which satisfies the new Common Core Standards requirement in the life science discipline. Biology is a basic introduction to the many areas of "living things." Simple to complex plants and animals are studied in a laboratory/lecture format. The emphasis of the class is on increasing the student's awareness of the need for homeostasis and the overall ecological balance necessary for the survival of every organism.

Honors Biology (SCBIOH)

1.00 Credit All Year Course

PREREQUISITES: ALGEBRA 1, "A" or "B" IN PHYSICAL SCIENCE AND TEACHER RECOMMENDATION

Honors Biology is a course that would replace biology, and is taken during the freshman or sophomore year, which satisfies the new Common Core Standards requirement in the life

science discipline. Biology is an introduction to the many areas of “living things.” Simple to complex plants and animals are studied in a laboratory/lecture format. Honors Biology expands on the standards by requiring students to use critical thinking skills to solve biological problems and explore more advanced laboratory exercises. The emphasis of the class is on increasing the student’s awareness of the need for homeostasis and the overall ecological balance necessary for the survival of every organism.

Chemistry (SCCHEM)

Elective 1.00 Credit All Year Course

PREREQUISITES: ALGEBRA 2 OR TAKEN CONCURRENTLY

Chemistry is an elective which satisfies the Common Core Standards requirement in the advanced science discipline. Chemistry is the study and investigation of the structure and properties of matter. It is a laboratory science and lab safety will be stressed. You will have an opportunity to experiment in the chemistry laboratory and learn to reason deductively. The student will identify chemical substances, learn to use laboratory equipment and learn various techniques in handling chemicals. You will develop an awareness of how chemistry affects and improves the quality of daily life.

Physics (SCPHY)

ELECTIVE 1.00 Credit All Year Course

PREREQUISITE: ADVANCED MATH OR CONCURRENT WITH TEACHER

RECOMMENDATION

The course is meant as an introductory to the principles and practices of Physics in the modern world. The course topics that are stressed are kinematics, forces, energy, momentum, gravitation, and waves using algebra and advanced math skill. Emphasis will be on reasoning behind these concepts, and developing critical thinking skills that use the scientific method in answering questions of physics.

Anatomy (SCANAT)

Elective 1.0 Credit All Year Course

Prerequisites: Satisfactorily Passed Biology

Human Anatomy and Physiology is an elective which satisfies the new Common Core Standards requirement in the advanced science discipline. The course covers the anatomy and physiology of the twelve major systems in the human body and how they interact to maintain homeostasis. The dissection of a vertebrate animal concludes this course as a comparative study.

BIO 101 - INTRO TO ANATOMY AND PHYSIOLOGY (SCAPCCP)

Provides understanding of human structure and function of all body systems. Focus will be given to beginning chemistry principles, cells and tissues. This course is for the student who has little or no background in human anatomy and physiology. TMNS Approved effective Autumn 2008.

3.000 Credit hours

3.000 Lecture hours

Levels: Undergraduate
Course Attributes:
Transfer Module Approval

BIO 101 LAB - INTRO TO ANATOMY AND PHYSIOLOGY (SCAPL)

2nd Semester .5 high school credits

PREREQUISITE: Satisfactorily pass Intro to Anatomy & Physiology class

This lab-based semester class is a supplement to the Intro to Anatomy & Physiology course. The entire semester consists of labs that support the information learned in the first semester course.

BIO 127 - HUMAN BIOLOGY (SCHBCCP)

Human Biology presents the human as an organism as it relates to itself, to other humans, and to the environment. Lecture will present the scientific study of the human body including the aging process. Observations about the human at the chemical, cellular and systemic levels will be made in the laboratory incorporating a variety of laboratory experiences and may include the observation of human cadavers and other preserved specimens as learning tools. Practical work and group learning strategies will be used to facilitate evaluative learning in both the lecture and lab. The course will guide the student in a multidisciplinary study of the biology of human life. TMNS Approved effective Autumn 2008. Levels: Undergraduate
Course Attributes: Transfer Module Approval

4.000 Credit hours

3.000 Lecture hours

3.000 Lab hours

Marine Science (SCMAR)

Elective 1.00 Credit All Year Course

PREREQUISITES: *PHYSICAL SCIENCE & BIOLOGY*

Marine Science is an advanced science course that counts towards graduation. The specific topics that will be covered are: ocean exploration, marine geology, aquariums, marine chemistry, estuaries, marine physics, populations, producers, invertebrates, vertebrates, and human impact. This course satisfies the advanced science requirement to graduate.

AP Biology (SCBIOAP)

Elective 1.00 Credit All Year Course

PREREQUISITES: *BIOLOGY AND CHEMISTRY*

Advanced Placement Biology is designed to offer students a solid foundation in college level introductory biology through complex/rigorous tests, labs, and readings. They will learn about core scientific principles, theories, and processes governing living organisms, biological systems and natural phenomena. Students will learn to understand key science practices that they can use to develop explanations and predictions of natural phenomena, which will be tested and refined through laboratory investigations. They will develop advanced reasoning and inquiry skills as they design experiments, collect and analyze data using mathematics and other methods, and interpret that data to draw conclusions.

(THE ADJUSTED GRADING SCALE APPLIES TO THIS COURSE)

SOCIAL STUDIES DEPARTMENT

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
SSGG	Global Geography & Issues			X	X		All Year	1.00
SSWH	Modern World History	X					All Year	1.00

SSAH	American History		X			X	All Year	1.00
SSAG	American Government			X		X	All Year	1.00
SSAGAP	AP American Government & Politics			X	X	X	All year	1.00
SSGEOG	World Geography		X	X	X		Semester	.50
SSPSYC	Psychology			X	X		All Year	1.00
SSPSYCAP	AP Psychology			X	X	X	All Year	1.00
SSAHAP	AP US History		X	X	X		All year	1.00
SSWC	Western Civilization			X	X		All year	1.00

Course Descriptions

Modern World History (SSWH)

Required – 9th Grade 1.00 Credit All Year Course

This course satisfies the first year course requirement in the Social Studies Department, to fulfill the new Common Core Standards. This course examines world events from 1600 to the present. It explores the impact of the democratic and industrial revolutions, the forces that led to world domination by European powers, the wars that changed empires, the ideas that led to independence movements and the effects of global interdependence. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

American History (SSAH)

Required – 10th Grade 1.00 Credit All Year Course

PREREQUISITE: MODERN WORLD HISTORY

This course satisfies the second year course requirement in the Social Studies Department, to fulfill the new Common Core Standards. This course examines the history of the United States from 1877 to present. The federal republic has withstood challenges to its national security and expanded the right and roles of its citizens. The episodes of the past have shaped the nature of the country today and prepared it to attend to the challenges of tomorrow. Understanding how these events came to pass and their meaning for today's citizens is the purpose of this course. The concepts of historical thinking introduced in earlier grades continue to build with students locating and analyzing primary and secondary sources from multiple perspectives to draw conclusions.

American Government (SSAG)

REQUIRED -11TH GRADE 1.00 Credit All Year Course

PREREQUISITE: MODERN WORLD & AM HISTORY

This course satisfies the third year course requirement in the Social Studies Department, to fulfill the new Common Core Standards. How the American people govern themselves at the national, state and local

levels of government is the basis for this course. Students can impact issues addressed by local governments through service and learning projects.

AP American Government & Politics (SSAGAP)

Elective 1.00 Credit All Year Course

PREREQUISITES: US HISTORY, Y AN A OR B IN ENGLISH 9 AND 10 AND APPROVAL FROM YOUR AMERICAN HISTORY TEACHER IS REQUIRED

The course in AP American Government and Politics is offered in preparation for the AP Exam in administered in May and has two objectives. First, the course is a study of the institutions and policies of the United States government both from a historical perspective as well as on-going contemporary influences. Students will examine the Constitution, political beliefs and behavior, political parties, interest groups, mass media, the three branches of government, public policy, and civil rights and civil liberties. Students will be able to analyze data such as tables and figures related to American Government and politics. Secondly, citizenship training will be attained through daily discussions, attendance at local government meetings, and participation in community service. Students are encouraged to stay abreast of current events that relate to United States government and politics. Students must be self-motivated enough to complete assignments on their own through preparation manuals and by visiting the AP Central website. There is a summer assignment. Please see the instructor before summer break begins. **(THE ADJUSTED GRADING SCALE APPLIES TO THIS COURSE)**

World Global Geography & Issues (SSGEOG)

Elective – 11-12 Grade 1.0 Credit All Year Course

Geography will introduce the students to those different kinds of environments that affect human experiences. It is a course that is a survey of world cultures and the factors that influences them.

Psychology (SSPSYC)

Elective – 11, 12 Grade 1.00 Credit All Year Course

This course is an introduction to the study of psychology (the study of the individual and how he/she interacts with the environment). This will also include the introduction of the terms and concepts of psychologists and the significance of psychological findings. This course is designed to provide the basics in human insight so that one will better understand oneself as well as others.

AP PSYCHOLOGY (SSPSYCAP)

Elective – 11, 12 Grade 1.00 Credit All Year Course

PREREQUISITES: 11TH OR 12TH GRADE. AN A OR B IN ENGLISH 9 AND 10.

The AP Psychology course introduces students to the systematic and scientific study of human behavior and mental processes. Students will explore and apply psychological theories, key concepts, and phenomena associated with such topics as the biological bases of behavior, sensation and perception,

learning and cognition, motivation, developmental psychology, testing and individual differences, treatment of abnormal behavior, and social psychology. Although there is no course prerequisites it is suggested that students be able to read at a college level and be able to write grammatically correct, complete sentences.

(THE ADJUSTED GRADING SCALE APPLIES TO THIS COURSE)

AP US HISTORY (SSAHAP)

Elective 1.00 Credit All Year Course

PREREQUISITES: WORLD HISTORY; IF TAKING THE CLASS AS A SOPHOMORE THEN AN A OR B IN ENGLISH 9 HONORS AND APPROVAL FROM YOUR WORLD HISTORY AND ENGLISH TEACHER IS REQUIRED.

This course is designed to teach students to think critically about the issues that have confronted and influenced the United States through a process that integrates the examination of factual knowledge, the development and application of analytic skills, and the assessment of primary and secondary sources. This class is the equivalent of an introductory college survey course in U.S. history, and its content spans the discovery and settlement of the New World to the present.

(THE ADJUSTED GRADING SCALE APPLIES TO THIS COURSE)

WESTERN CIVILIZATION (SSWC)

ELECTIVE - 11, 12 GRADE 1. Credit All Year Course

This survey course traces Western political, cultural and economic development from ancient times to post World War II. The Western Civilization class will concentrate on the variety of religions which have impacted the development of societies throughout the world through better understanding of their nature and background. Understanding this pertinent information will help in recognizing why the crusades and other revolutions, especially in Europe, Asia and Africa, occurred. The present day relations between worldly countries will also be brought in to the discussions and lectures within the classroom.

Vocational Agriculture Department

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
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AGFNR	Agriculture, Food & Natural Resources (formerly Vo Ag 1)	X	X	X	X		All Year	1.00
AGAM	Agriculture & Mechanics (formerly Vo Ag 2)	X	X	X	X		All Year	1.00
AGAPS	Animal & Plant Science	X	X	X	X		All Year	1.00
AGCSNR	Crop Science & Natural Resources	X	X	X	X		All Year	1.00
AG11	Vocational Agriculture Science III			X	X	X	All Year	1.75
AG12	Vocational Agriculture Science IV				X	X	All Year	1.75
AGBUS11	Junior Agricultural Business I			X	X	X	All Year	2.00
AGBUS12	Senior Agricultural Business II				X	X	All Year	4.50

Agriculture Course Descriptions

Agriculture, Food & Natural Resources (AGFNR) – Formerly Vo Ag 1

Elective 1.00 Credit All Year Course

In this introductory course students will study food science, natural resource management, animal science & management, plant science, woodworking, and soil science. Students will examine the FFA organization and Supervised Agricultural Experience programs. This course will be divided into four basic sections. Students will be introduced to the scope of the Agricultural and environmental Systems career field. The first section will deal with soil science. Soil composition and stratification will be covered. Plant nutrition and sound environmental soil practices will be taught in the second phase. The third section will deal with livestock identification and basic animal nutrition. The fourth phase deals with tractor safety and woodworking skills. Students will also be introduced to farm record keeping techniques in a variety of computer programs. This course will also allow students to examine FFA organizations and Supervised Agricultural Experience programs. Students will also work in the shop after class work is completed.

Agriculture & Mechanics (AGAM) – Formerly Vo Ag 2

Elective 1.00 Credit All Year Course

Students will learn about and perform labs in electricity, plumbing, hydraulics, welding & metals, small engines, and concrete/masonry. Throughout the course, students will learn the importance of work site and personal safety as well as communication and leadership skills. Students will apply knowledge of animal and plant science to the agriculture industry. Students will engage in animal classification and selection, body systems, along with animal welfare and behavior in relation to the production of animals. This course is divided into four sections. The first section covers animal nutrition including their digestive systems and nutritional needs. Basic genetics including Mendel's laws, the use of Punnett squares as well as plant and animal reproduction will be covered in the second unit. The third unit will cover welding and the scientific principles behind why welding works. The fourth unit covers small engines. Students will look into the physics and mechanics of why a small engine works. They will then have lab time to dismantle and assemble small gas engines. Farm record keeping and farm management will be explored.

Animal & Plant Science (AGAPS) – New Course

Elective 1.0 Credit All Year Course

Students will learn about animal health, animal body systems, animal welfare, and how to select animals for production. Students will learn about plant growth and reproduction, plant nutrition, and will study how different growing environments can affect plant production.

Crop Science & Natural Resources (AGCSNR) – New Course

Elective 1.0 Credit All Year Course

Students will learn about how to manage water, soils, nutrients, and pests in order to grow and harvest a successful crop. In the second semester students will discover how different agricultural management practices impact the environment.

Junior Vocational Agriculture Science III (AG11)

Elective 1.75 Total Credits All Year Course

1.25 CREDIT - AG SCIENCE III

.50 CREDIT (SCIENCE) - AG SCIENCE NATURAL RESOURCES/BOTANY

PREREQUISITES: TEACHER RECOMMENDATION

Students will engage in the mechanical principles utilized in animal and plant production systems. This course will be taught in a two year series. Half of the content will be taught each year. In addition to taking this class, students will be enrolled in Ag Science Natural Resources/Botany. Students will learn machinery repair and fabrication. Also, MIG welding and shop safety will be included. Crop production and basic weed identification will be discussed, allowing students to have the chance to become certified as a private applicator. Throughout this course, students will learn critical components of site and personal safety as well as communication and leadership skills.

Senior Vocational Agriculture Science IV (AG12)

Elective 1.75 Total Credits All Year Course

1.25 CREDIT - AG SCIENCE IV

.50 CREDIT (SCIENCE) - AG SCIENCE ANIMAL HUSBANDRY/ENVIRONMENTAL ISSUES

PREREQUISITES: TEACHER RECOMMENDATION

Students will apply principles of botany, dendrology and silviculture to the management of forests and forest ecosystems. Learners will also understand the related regulations, laws, and policy issues. This course will be taught in a two year series. Half of the content will be taught each year. In addition to taking this class, students will be enrolled in Ag Science Animal Husbandry/Environmental Issues. Students will be taught basic animal husbandry techniques and will also be trained in artificial insemination for both cattle and swine. Students will become L.E.A.P. (Livestock Environmental Assurance Program) certified.

Junior Agricultural Business 1 (AGBUS11)

Elective

2.0 Total Credits

All Year Course

1.5 CREDIT - AG BUSINESS I LAB

.50 CREDIT (SCIENCE) - AG BUSINESS NATURAL RESOURCES/BOTANY

PREREQUISITES: TEACHER RECOMMENDATION

Students will apply Agricultural and Environmental Systems program knowledge in a more comprehensive and authentic way. This course will be taught in a two year series. In addition to signing up for Ag Business and Ag Business Lab, students will be enrolled in Ag Business Natural Resources/Botany. Students must also take 0.5 credit of an upper level science course either their junior or senior year. Topics covered in class will include advanced record keeping, small business models, and marketing techniques. Machinery repair and shop safety will also be covered. Crop production and basic weed identification will be discussed, allowing students to have the chance to become certified as a private applicator. Students will be granted release time from school to help meet their lab requirements of onsite work at farm related jobs. Students must work a minimum of 5 hours a week in Ag Business I. The release time is available to the student, but it is not a requirement. Students may stay at school and take additional classes.

Senior Agricultural Business II (AGBUS12)

Elective

4.50 Total Credits All Year Course

2 CREDITS - AG BUSINESS II

2 CREDITS - AG BUSINESS II LAB

.50 CREDIT (SCIENCE) - AG SCIENCE ANIMAL HUSBANDRY/ENVIRONMENTAL ISSUES

PREREQUISITES: TEACHER RECOMMENDATION

Students will apply principles of botany, dendrology and silviculture to the management of forests and forest ecosystems. Learners will also understand the related regulations, laws, and policy issues. This course will be taught in a two year series. In addition to signing up for Ag Business and AG Business Lab, students will be enrolled in Ag Business Husbandry/Environmental Issues. Students must also take 0.5 credit of an upper level science course either their junior or senior year. Topics covered in class will include advanced record keeping, small business models, and marketing techniques. Machinery repair and shop safety will also be covered. Students will be taught basic animal husbandry techniques. Students will also be trained in artificial insemination for both cattle and swine. Students will become L.E.A.P. (Livestock Environmental Assurance Program) certified. Students will be granted release time from school to help meet their lab requirements of onsite work at farm related jobs. Students must work a minimum 15 hours in Ag Business II. The release time is available to the student, but it is not a requirement. Students may stay at school and take additional classes.

Work Study Programs

Course Code	Course	9	10	11	12	Prerequisite	Length of course	Credit
CBIA	Career Based Intervention	X	X			X	All Year	2.00
CBIE	Career Based Intervention			X	X	X	All Year	4.00

Course Descriptions

CAREER BASED INTERVENTION (CBIA)

ELECTIVE - BY APPLICATION ONLY – LIMITED To 9 & 10 Grade

All Year Course

Course = 1 credit

If you have a job = 1 credit

This program is designed to provide a career oriented educational program for 14 and 15 year old students who may not have had much success in the regular curriculum. Assistance will be given in academic areas. An emphasis will be placed on a combination of on-the-job and classroom experiences to develop the skills necessary for success in the world of work. Students will be required to work a minimum of 5 hours a week at an approved job station.

CAREER BASED INTERVENTION (CBIE)

ELECTIVE - BY APPLICATION ONLY - LIMITED TO 11 & 12 Grade 4.00 Credits All Year

Course

Course = 1 credit

Job = 3 credits

YOU MUST BE EMPLOYED TO TAKE THIS COURSE.

This program is a general study of job related skills, consumer survival skills, specific job safety skills, and remedial academic skills. Students must be at least 16. The course also consists of working at an approved job station a minimum of 15 hours per week.

EXTRA-CURRICULAR ACTIVITIES

ACADEMIC CHALLENGE

Academic Challenge is Trivial Pursuit without the dice or Jeopardy without Alex Trebek. It is a chance to show that you know more facts than anyone. No requirements or fees are necessary, just answer questions and have fun. You compete against other area schools on either the junior varsity or varsity team. You might even end up on the television show! All levels of students are welcome. Teams are made up of 4 varsity and 4 JV players. The season runs January through mid-march. Practice begins the second Wednesday in October.

AIDES

Students are selected to work in the library or high school office as aides in running errands and doing routine office work. There may also be additional opportunities to serve as an aide. This is strictly on an as needed basis. Students must be willing to give up a study period, be in good academic standing, be trustworthy, able to follow instructions and have good attendance. Students must apply through the main office.

ATHLETICS

West Branch High School offers Varsity Sports in the following areas: Boys; Football, Soccer, Cross Country, Tennis, Wrestling, Basketball, Track and Baseball. Girls; Soccer, Volleyball, Cross Country, Basketball, Tennis, Softball and Track. Junior varsity and freshman terms are also offered in these sports. All boys and girls may try out for any team each season, provided they are academically eligible and turn in the proper forms. Our fall sports begin the second week of August with winter sports starting mid-November. Spring sports start the first week in March. Coaches of these sports may have camps and fitness sessions during summer months. Any questions should be directed to the Athletic Department at West Branch High School. (330-938-4408)

BAND

The West Branch High School Band is well respected as one of the premier musical ensembles of Ohio. The Band Program is open to all students that have experience playing a musical instrument. Students must demonstrate an ability to play and sight read music of a high school caliber, have a working knowledge of scales in all major keys and have a command of the rhythms, articulations, dynamics, nuances, tone quality and intonation typical of instrumentalists at this level.

During the Fall, all band members perform with the Warrior Marching Band. Throughout the season, this ensemble performs at a variety of events, including band shows, parades, fairs and football games. In addition, this group is well recognized for its ability to rally school spirit at football games through the use of music, chants and cheers.

Throughout the remainder of the school year, all band members are included in the Symphonic Band. This ensemble performs at concerts, festivals and competitions. Bi-annually, this group tours outside Ohio, participating in competitions in such locales as Niagara Falls, Williamsburg, VA, and Washington, D.C.

In addition to the aforementioned requirements of the course, students may elect to perform in solo and ensemble competitions, chamber ensembles and the Pep Band, which is heard at all home varsity basketball games.

JAZZ ENSEMBLE

The Jazz Ensemble is a credited course, meeting each day during regular school hours. Participants must be members of the Symphonic Band and are selected by means of an audition. At the audition, which takes place in May of the previous year, the candidate must demonstrate a command of basic rhythms, articulations, dynamics, and nuances typical of jazz literature.

Jazz Ensemble members learn about the history of jazz, develop increased fluency on their instruments in the jazz idiom, and are given the opportunity to improvise and solo with the ensemble.

In addition to concerts at school, this ensemble frequently performs at festivals and competitions throughout Ohio.

CHEERLEADING

Student's tryout in March for positions on the freshman, junior varsity and varsity squads. Eligibility follows the OHSAA requirements for sports. This is a year-long activity in which participants cheers for football and basketball seasons and also is involved in other fundraising activities and special events.

CROSS-COUNTRY

The boys and girls cross country teams provide high school students the opportunity to compete in a varsity sport within both the Northeastern Buckeye Conference and the Suburban Leagues.

The athletes begin voluntary running in the summer months and begin official practice the first day of all fall sports programs. There are several meets that the teams participate in out of state.

The sport consists of a 3.1 mile race over variable terrain and is a test of endurance. The athletes enjoy the social and athletic opportunities the sport provides and lasting friendships develop.

DRAMA PRODUCTIONS

Students interested in learning about acting, make-up, set design, directing, and all areas of drama production and theatre enjoyment are encouraged audition for roles or apply for crew positions in order to experience the dramatic arts and expand their creative horizons.

FUTURE HOMEMAKER OF AMERICA (FHA)

FHA is also known as Family, Community and Career Leaders of America. The chapter meets mostly during the school day and throughout the school year. This organization is open to any student-male or female and of any high school age. Dues are \$5.00 per year.

Chapter projects focus on a variety of youth concerns, providing suitable and enjoyable social events, and contributing to the community.

FOOTBALL

West Branch High School is the proud home of one of the area's finest football programs. The varsity squad has only experienced a few losing seasons since 1982, and has qualified for the state playoffs 8 times. The 1994 and 1998 teams captured Regional Championships, and the '94 team went on to win the STATE CHAMPIONSHIP. The high school football program is composed of two teams, the freshman team and varsity team.

FRESHMAN FOOTBALL

The Athletic Department tries to fill a 9 game schedule. Games are usually played on Thursdays at 4:30 p.m., beginning in late August. Required practices begin in early August and include daily two-a-day workouts prior to the start of the season. Once school begins, practices are held immediately after school on a daily basis.

VARSIY FOOTBALL

The varsity football team competes in the Northeastern Buckeye Conference, playing a 10 game regular season schedule. Varsity games are usually contested on Friday nights beginning two weeks prior to the start of the school year. Players who do not get consistent playing time in the varsity games will play a 9 game junior varsity schedule on Saturday mornings.

VARSIY FOOTBALL (continued)

Required practices begin in early August with daily two-a-day workouts. Once school begins, practices are held immediately after school on a daily basis.

Because of the intense physical nature of the sport of football, students must be well conditioned and physically prepared. This is not only necessary for competitive reasons, but also to insure the physical well being of the participant. To this end, the football coaches run a structured, professionally supervised strength and conditioning program in the off-season. This program begins 30 days after the completion of the previous season, and includes weight training, running, stretching, plyometrics, agility drills, and speed development. Participation in the off-season program is strongly encouraged.

FUTURE HOMEMAKER OF AMERICA (FHA)

FHA is also known as Family, Community and Career Leaders of America. The chapter meets mostly during the school day and throughout the school year. This organization is open to any student-male or female and of any high school age. Dues are \$5.00 per year.

Chapter projects focus on a variety of youth concerns, providing suitable and enjoyable social events, and contributing to the community.

Involvement in FHA offers members the opportunity to expand their leadership potential and develop skills for life: planning, goal setting, problem solving, decision making and interpersonal communication; all that are necessary in the home and workplace.

FUTURE EDUCATORS OF AMERICA/FUTURE TEACHERS OF AMERICA

FEA/FTA is an organization that promotes the field of education. Students who are interested in a career in teaching are encouraged to join. The purpose of this organization is to give students the opportunity to learn more about the teaching profession through field trips, guest speakers, shadowing, tutoring, and visitations to the elementary and middle schools. Students also act as guides for various school activities including parent conference nights. The students raise money to provide refreshments for these activities. They also are an integral part of National Education week. Requirements: an interest in education and the teaching profession.

LEO CLUB

Through the Leo Club Program, young people serve as positive agents of change within their communities. These young leaders develop valuable leadership skills, make new friends and have fun.

Leo Club Objectives: We strive to provide the youth of the world with an opportunity for development and contribution, individually and collectively, as responsible members of the local, national and international community.

Leo Club Motto: Leadership – Develop skills as a project organizer, time manager and team leader.

Experience – Learn how teamwork, cooperation and collaboration can bring exciting changes to your community and the world.

Opportunity – Make friends and feel the rewards of community service.

Actives include baking dog treats for animal shelter and baking cookies for nursing home. Write letters/cards to service personnel.

MEET EVERY THIRD TUESDAY from 2:40 PM to 4:00PM

MUSICAL

The spring musical is an activity run by the choral department but any high school student is welcome to become a part of the musical. Acting, singing, dancing, set design, make-up, lighting, sound, and advertising are all part of what makes a musical “happen”. Many hours of practice and hard work are integral to the musical. After school rehearsals are required.

NATIONAL HONOR SOCIETY

National Honor Society is a national Service Honorary. Students are recognized and inducted into this honorary because they display the traits of a scholar in the areas of scholarship, leadership, character, and service.

Requirements: Juniors and seniors who have a desire to be considered for membership in NHS must have an accumulative grade point average of at least 3.2. Those students must then submit a membership application reflecting leadership and contributions made to school and community from 9th grade to the present. Students must also submit an essay addressing the four characteristics of scholarship, leadership, character, and service. The applications will then be evaluated by the faculty and National Honor Society’s faculty council in the areas of leadership, character, and service. Application is no guarantee of selection. Those inductees will be obligated to participate actively in a least four service projects during the year.

PA CREW

The PA crew is a daily activity during the homeroom period. Its members provide the school with a variety of messages via both audio and video media. Positions are available for high school students.

PEER TUTOR

Students who wish to help other students who are experiencing academic or physical problems “catch up” with their school work. Willingness to help and good academic standing are the requirements.

PEP CLUB

Members attend meetings and make signs to encourage school spirit. They encourage school spirit and enthusiasm in athletics, academics, and extra-curricular activities as a group during pep club or individually as a fellow student. They help officers in carrying out club plans and activities, such as the Winter Sports Dance. They exhibit good sportsman-like conduct during sporting events.

SADD

Our organization has consisted of approximately 100-150 students from the freshman-senior class.

The group tries to promote the best prevention and intervention tools possible to deal with the issues of underage drinking, other drug use, impaired driving and other destructive decisions.

As an organization, SADD seeks to demonstrate to positive and attractive alternatives to alcohol and other drug infused destructive decisions for teenagers.

Organizations such as this have greatly curtailed the numbers of highway deaths in Ohio due to alcohol and drug use.

SOCCER

Boys and Girls soccer works hard to represent the tradition of athletic excellence at West Branch High School. With an NBC title and several playoff wins, the program has demonstrated recent success. Featuring the best facilities in the area, record participation each year, and a no-cut policy, soccer at West Branch High School is growing in its popularity. The program attempts to build on fundamentals and introduce higher level play involving advanced strategies of the game. Soccer has truly become an exciting addition to West Branch Athletics.

SOFTBALL

Softball has a 27 game schedule. The season lasts 12-14 weeks, depending on tournaments. Open gyms are held for anyone who wants to attend. Open gyms are held 2 days a week in November, December, January, and February. Pitchers and catchers conditioning starts 2 weeks prior to the regular starting date. Games start the last week of March. There is a J.V. and a Varsity team, with a total of 22 to 30 players. Varsity games are played at the high school. The field is behind the football field. J.V. games are played behind the Middle School.

STUDENT COUNCIL

Student Council is the Student Government of West Branch High School. Eight (8) representatives from each class are elected to serve for one year. Class presidents are members by virtue of their office. Activities include sponsoring the fall homecoming dance, student exchanges, school improvements and the spring barbecue.

TENNIS

Tennis is a team sport as well as an individual sport. Seven players are needed for a varsity match; three play singles and four play doubles. Other players may compete in exhibition matches if opponents are available and time permits. The varsity plays 20 matches, and a few junior varsity matches may also be scheduled. The varsity plays 3-4 matches per week.

Private lessons are a great help, but they are not required. The basic strokes, the rules, and strategy are taught. Players are required to attend practices and matches. Each player should have his/her own racquet and a good pair of tennis shoes.

Girls Tennis is a fall sport: The girls' season begins in August and ends about the second week in October. Practices in August are held Monday through Friday in the mornings or late afternoons. Once school begins, varsity practices are held right after school. The junior varsity practices after the varsity.

TENNIS continued

Boys Tennis is a spring sport: The boys begin in March and play until the middle of May. Practices are held after school each day.

TRACK (BOYS' TRACK)

The boys varsity track team provides high school students the opportunity to compete in both track and field events. The team is a member of the NBC.

The season consists of league dual meets, county meet, NBC meet, and several larger meets consisting of Division I and II schools. The sport allows students the opportunity to earn a varsity letter, and is a part of the spring sports program.

TRACK (GIRLS' TRACK)

Girls' Track is an individual sport in which girls compete in any of 16 different events. These events are tests of either speed, strength, skill or endurance. Running events range from 100 meters to 3,200 meters. Other events include hurdling, long jumping, high jumping, throwing the shot put and throwing the discus.

During the track season (March, April and May), female track athletes are required to attend practice on days that track meets are not contested.

VOLLEYBALL

The program at the High School consists of three levels of participation. The freshman team is made up of approximately 12 members, while the junior varsity and varsity teams combine for approximately 21 players. Tryouts for the team take place in early August with the season ending in November at the State Championships. Camps, open gyms, and conditioning take place during the spring and summer.

WARRIOR CHIEF AND PRINCESS

The schools mascots are elected by the student body. They are nominated from the Senior Class. Students who are nominated must have a minimum 2.0 cumulative grade point average, and meet the Ohio High School Athletic Association academic standards. Candidates are required to submit a petition signed by 40 students (10 from each class) and two teachers. If there are more than 5 candidates for either position, the number will be reduced to 5 in a primary election. An induction ceremony is held in the spring.

WRESTLING

Wrestling season begins in mid-November and culminates in mid-March with the State Tournament. The 14 weight classes range from 106 pounds to 285 pounds with varying increments. Practices usually last from two to two and one half hours six days a week. We wrestle both a junior varsity and varsity schedule allowing most participants between 15 and 25 matches at some level of competition. The varsity spots are held by the best wrestler at each particular weight class that week; usually determined by wrestle-offs, regardless of grade.

We are presently members of both the NBC League and the EOWL (Eastern Ohio Wrestling League), which increases the chances for awards and recognition to the athletes. The sport develops commitment, strength, balance, agility, body awareness, mental and physical toughness, are always looking for good young men who are willing to accept the challenges this one-on-one competition generates.

YEARBOOK STAFF

The Yearbook Staff is about "Putting it all together" for an entire school year. We take pictures, design layouts, use computer techniques in producing a final copy, sell advertisements, and learn about teamwork and dedication. We turn out a finished copy of over 200 pages of West Branch's exciting students, faculty, and activities -- ranging from academics to sports -- from the first day of school to the senior slide show on the last day of school. The staff is composed of sophomores, juniors, and seniors who maintain a good academic grade average.