

# **Curriculum Guide** **2018-19**



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It is my pleasure to assist the students of Whiteford Schools with planning their high school and post-secondary pathways. As our students work toward meeting the requirements necessary to graduate with a Whiteford Diploma, we are committed to offering a variety of courses and experiences that will enable them to select a career or college pathway they will find fulfilling.

It is our responsibility to continue to work with students and parents to identify the courses that will best support the student's plans. In addition, we work with state and district assessments to help identify additional supports our students may need. I am available to assist in your academic planning and needs. Please feel free to contact me through email or by phone.

## Graduation and Scheduling Requirements

### **Total Credits Required = 26**

English - 4 credits  
Social Studies - 3 credits  
Mathematics - 4 credits  
Science - 3 credits  
Physical Education - .5 credits  
Health - .5 credits  
World Language – 2 credits  
Visual/Performing/Applied Arts – 1 credit  
On-line learning experience  
Electives – 8 credits

### **Whiteford High School Diploma**

- Successful completion of the above total credits required and specific graduation requirements will enable a student to receive a high school diploma issued by the Whiteford Agricultural School District.
- A minimum of one-year attendance at Whiteford High School is required to receive a diploma.
- All high school students must participate in all portions of the state assessment process as part of Whiteford High School graduation requirements.
- All students, including seniors, must be enrolled and attending seven classes or equivalent of Dual Enrollment/Direct College each year.

### **Minimum Grade Point Average**

The minimum grade point average for graduation shall be 1.00 (D) average.

## **Policy to Allow Students to Make Up Credits**

Whiteford High School requires that all students pass a set number of credits to receive a diploma. Most students complete this requirement in the traditional manner. However, some students fail classes and need alternative opportunities to make up credits so it is possible for them to graduate on time with their class. This policy is designed to clarify the alternative methods open to Whiteford High School students to make up credits.

Students can elect to make up credit in the following ways:

- Repeat the class at Whiteford
- Repeat or take an elective
- Repeat the class through a correspondence school approved by Whiteford High School
- Take classes through an approved online program
- Take classes through an approved summer school

Note: This may be at the cost to the family.

## **Testing Out**

The Whiteford Board of Education shall grant high school credits in any course to a pupil enrolled in high school but who is not enrolled in the course, and who has exhibited a reasonable level of mastery of the subject matter of the course by attaining a grade of no less than C+ in a final exam in the course, or if there is not a final exam, by exhibiting that mastery through the basic assessment used in the course which may consist of a portfolio, performance, paper, projects, or presentation or combination thereof. Credit earned under this section shall be based on a “pass” grade and shall not be included in computation of grade point average for any purpose. Credits earned under this section shall be counted toward fulfillment of a requirement as to course sequence. Once credit is earned under this section, a pupil may not receive credit thereafter for a course lower in sequence concerning the same subject area. It is not expected that students use testing out to enroll in less curriculum, but to have the opportunity to take more courses than would be otherwise possible.

To be eligible to test out of classes for the upcoming school year, approximately mid-March, a student must complete a “Testing Out” application, available in the high school office. Students must return this application to the office no later than the last school day in April. Upon receiving the application, information regarding the course will be made available to the student including a list of testing out requirements.

## **Direct College/Dual Enrollment**

Whiteford students have opportunities to earn college credit while attending High School through Direct College or by Dual Enrolling. Direct College is a program that is offered at Whiteford High School. Courses are provided during the school day through Monroe Community College at zero cost to the students. Dual Enrollment is a program for high school students to enroll in college classes off campus. Students take courses at Monroe Community College or on-line through the Community College in place of traditional courses. The students must take the Accuplacer assessment, which determines their readiness, apply, and be accepted at Monroe Community College. Any student who is unable to pass a course is required to pay the district the expenses of the course. If the total cost of the course exceeds that of the foundation allowance the student is required to pay the difference. Students can elect to take these courses for college credit, high school credit, or both. However, this must be determined prior to the start of the course. Whiteford Schools will comply with the state law regarding all of the required rules and regulations of dual enrollment. These rules and laws are subject to change.

- Some courses do have fees that are required to be paid by the student or family of the student.

**Michigan Merit Curriculum**  
High School Graduation Requirements  
PA 123 and PA 124

Subject Area	Description	Personal Curriculum (Modifications)
<b>English Language Arts</b> 4 credits	Aligned with subject area content expectations developed by the Department and approved by the State Board of Education	Only students with an IEP may have this requirement modification with a Personal Curriculum (PC)
<b>Mathematics</b> 4 credits	Algebra 1 Geometry Algebra II (Algebra II may be taken over a 2 yr. period for 2 credits or 1.5 years for 1.5 credits)  Algebra II can be substituted with a Career Technical Education (CTE) program or curriculum, such as electronics, machining, construction, welding, engineering, computer science, or renewable energy and in that program or curriculum successfully completing the same content as the algebra II benchmarks assessed on the Department prescribed state high school assessment as determined by the Department  1 additional math or math-related credit or a course in financial literacy	Complete at least 3.5 math or math-related credits Complete a math or math-related credit in the final 2 years Algebra II <b>may</b> be modified if: Student “enrolls” in a formal CTE program <b>OR</b> completes the same content as High school assessment, as determined by the Department.  <b>OR</b> Completes 1 semester of statistics, functions and data analysis or technical math
<b>Science</b> 3 credits	Biology Chemistry or Physics 1 Additional science elective to meet state requirements.  The legislature “strong encourages” pupils to complete a 4 <sup>th</sup> credit (i.e. Forensics, Astronomy, Earth Science, Agricultural Science, Environmental Science, Geology, Physics, Chemistry, Physiology or Microbiology)	Only students with an IEP <b>may</b> have this requirement modification with a Personal Curriculum
<b>Social Studies</b> 3 credits	.5 Civics .5 Economics U.S. History and Geography World History and Geography	<b>No modification for Civics</b> 2 credits must be earned Modified only if student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages <b>OR</b> Completes a CTE Program
<b>Health and Physical Education</b> 1 credit	1 credit developed by the Michigan Department of Education <b>OR</b> .5 credit in Health and .5 credit in an extra-curricular activity that involves physical activity	Modification only if student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages <b>OR</b> Completes a CTE Program
<b>Visual, Performing, Applied Arts</b> 1 credit	Credit guidelines developed by the Michigan Department of Education	Modified only if student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages <b>OR</b> Completes a CTE Program
<b>World Languages</b> 2 credits	Credits earned in Grades K-12 (course content must be age appropriate – not H.S.equivalent) <b>OR</b> An equivalent learning experience in grades K-12 Pupils graduating in 2015-16 through 2019-20 <b>may</b> substitute 1 credit in CTE or Visual Performing Arts	<b>No modification</b>
<b>Online Learning Experience</b>	Online course or learning experience <b>OR</b> Online experience is incorporated into each of the required credits	<b>No modification</b>

**Notes:**

- requirements, or in a Personal Curriculum, and meet the requirements for a high school diploma.

Source: Michigan Department of Education

## **Monroe County ISD Personal Curriculum Process**

1. Parent/guardian, emancipated students or School personnel submits Personal Curriculum (PC) request to PC Designee for determination of eligibility prior to the start of the semester/trimester it could take effect.
2. If Designee determines that this process is appropriate a PC team is established.
3. If a student has a current EDP the required PC team is: parent, student, counselor. Optional members are: CTE staff, Content teachers. Students with current IEP and EDP also are required to have special education teacher and School psychologist could serve as an optional member.
4. At this time the PC plan is developed and revised by the PC team. For special education students this could include modifications/substitutions and or content modifications.
5. Parent and Superintendent (or designee) must sign and agree to the plan and the plan takes effect.
6. After agreement, the parent is required to communicate at intervals specified in the PC plan to review progress and PC goals.

## **Transfer Credits**

Students transferring from another high school must meet the same requirements as Whiteford students. However, the principal will have discretion to evaluate transcripts and accept alternative course titles and different graduation requirements in cases where scheduling limitations and/or curriculum differences would inappropriately prevent the student from graduating. Up to one credit of religion may be transferred for credit. Weighted honor points will be accepted only if Whiteford provides weighted grades for the same classes. Otherwise, transcripts will be evaluated on the same basis as the Whiteford grading scale.

# Whiteford High School List of Courses

## SUBJECTS

### Art \* 9 10 11 12

801	Art 1	1	E	E	E	E
811	Art 2	1		E	E	E
821	Art 3	1			E	E
831	IS Art 4					E

### Business

703	Graphic Design	1	E	E	E	E
704	Principals of Computing	1	E	E	E	E
990	Test Prep	1	E	E	E	E

### English

001	English 9	1	R			
011	English 10	1		R		
021	English 11	1			R	
031	English 12	1				R
041	Writ. For Publication	1		E	E	E
061	Contemp. Lit.	1/2		E	E	E
051	Speech	1/2		E	E	E
052	Drama	1/2		E	E	E
062	Creative Writing	1/2		E	E	E
071	Mass Media	1/2		E	E	E

### Foreign Language

411	Spanish 1	1	E	E	E	E
421	Spanish 2	1		E	E	E
431	Spanish 3	1			E	E

### Health & Physical Education

601	Physical Education	1/2	R			
602	Health	1/2	R			
612	Lifetime Fitness	1		E	E	E
613	Strength Training	1		E	E	E

### Life Management

621	Nutrition	1/2		E	E	E
631	Family Living	1/2		E	E	E
632	Personal Liv. Skills	1/2		E	E	E
642	Parenting	1/2		E	E	E

### Mathematics \* 9 10 11 12

301	Algebra 1	1	R	E	E	E
311	Geometry	1	R	R	E	E
321	Algebra 2	1		R	R	
331	Pre-Calculus	1			E	E
341	Calculus A.P.	2				E
352	Intro. To Statistics	1/2			E	E
353	Intro. To Probability	1/2			E	E
354	Personal Finance	1			E	E
322	Algebra 2A	1			R	
323	Algebra 2B	1				R

### Music

871	Choir	1	E	E	E	E
881	Band	1	E	E	E	E

### Science

201	Intro. To Chemistry	1	R	R		
202	Intro. To Physics	1	R	R		
211	Biology	1	R	R		
221	Chemistry	1		E	E	E
231	Physics	1		E	E	E
251	Human Anatomy	1		E	E	E
264	Biology 2	1		E	E	E

### Social Studies

101	World History	1	R			
111	Civics & Economics	1		R		
121	Am. History	1			R	
131	Psychology	1/2		E	E	E
132	Practical Law	1/2		E	E	E
091	Reading for Information	1	E	E	E	E

### CTE

240	Horticulture	1	E	E	E	E
270	Zoology	1	E	E	E	E
901	Agribusiness	1		E	E	E
905	Ag Shop	1		E	E	E

### Tutoring

451	IS Tutoring 9	1	E			
461	IS Tutoring 10	1		E		
471	IS Tutoring 11	1			E	
481	IS Tutoring 12	1				E

### Virtual

Required/Elective 0

### Dual Enrollment/Direct College

Dual Enrollment 0

### Work Based Learning

Work Based Experience

- \* indicates the credit for each course
- R indicates required courses for graduation
- E indicates elective classes

Michigan's Career Pathways

- \_\_\_\_\_ Arts and Communication
- \_\_\_\_\_ Business, Mgt., Mktg. & Technology
- \_\_\_\_\_ Engineering/Man. & Industrial Technology
- \_\_\_\_\_ Health Sciences
- \_\_\_\_\_ Human Services
- \_\_\_\_\_ Natural Resources and Agriscience

Post-Secondary Plans

- \_\_\_\_\_ Apprenticeship Training
- \_\_\_\_\_ College or Univ. / 4-year degree
- \_\_\_\_\_ Community College / 2-year program
- \_\_\_\_\_ Employment
- \_\_\_\_\_ Military
- \_\_\_\_\_ Vocational/Technical School

## **RECOMMENDED TESTING FOR COLLEGE BOUND STUDENTS**

### **PSAT**

In addition to helping prepare students to take the SAT, the PSAT is the first step in entering the National Merit Scholarship Program. Only test scores of juniors are considered in the scholarship program; however, many sophomores take the test as preparation for testing the junior year. The PSAT will be offered to Juniors who have an interest in taking it at Whiteford in October, 2018.

### **ACT/SAT**

All four-year colleges require either ACT or SAT test scores for admission. The SAT will be given to all 11<sup>th</sup> grade students in the spring of 2019. If you have questions about when the ACT is offered or are looking for additional SAT additional test dates opportunities are available at locations outside of Whiteford Schools. These can be found through the testing program websites. If you have questions please contact Director of Student Advancement Jason Mensing.

## Education leads you along the road to many opportunities...

Senior Year	
Academics	Opportunities
<ul style="list-style-type: none"> <li>▶ Preliminary class rank is announced in the fall.</li> <li>▶ Grades, grades, grades! You must get your diploma before you move on.</li> <li>▶ Take advantage of Dual Enrollment, AP, Virtual, WBL or CTE classes.</li> <li>▶ Be sure you have taken the MME.</li> <li>▶ Continue to take core courses and earn excellent grades for college, scholarships, apprenticeships, etc.</li> <li>▶ Decide on a <i>Career Pathway</i> to follow.</li> <li>▶ Review course requirements for college (Athletes: Inquire about NCAA course requirements at <a href="http://www.ncaa.org">www.ncaa.org</a>.)</li> <li>▶ Submit your <i>NCAA Clearinghouse</i> application.</li> </ul>	<ul style="list-style-type: none"> <li>▶ Take the <i>ACT, SAT</i> or <i>Accuplacer</i>, if needed.</li> <li>▶ Apply for college or technical school admissions, military, and apprenticeships.</li> <li>▶ Apply for financial aid (FAFSA) in October.</li> <li>▶ Meet with college representatives when they visit Whiteford.</li> <li>▶ You may be asked to apply for National Honor Society-- (must have a cumulative <i>G.P.A.</i> of 3.40+).</li> <li>▶ Focus on life after high school--explore different options.</li> <li>▶ Check into AP testing.</li> <li>▶ Begin a file for letters of recommendation.</li> </ul>
Junior Year	
Academics	Opportunities
<ul style="list-style-type: none"> <li>▶ Keep up your grades.</li> <li>▶ Your class rank is determined by your <i>G.P.A.</i> (grades 9-12).</li> <li>▶ Consider taking Direct College/Dual Enrollment, AP or CTE classes.</li> <li>▶ Take the MME (free SAT).</li> <li>▶ Take core courses and earn excellent grades.</li> <li>▶ Decide on <i>Career Pathway(s)</i> to follow.</li> <li>▶ Review course requirements for college (Athletes: Inquire about NCAA course requirements at <a href="http://www.ncaa.org">www.ncaa.org</a>.)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Take the PSAT (practice SAT) for dual enrollment and National Merit Scholarship Competition.</li> <li>▶ Take SAT second semester.</li> <li>▶ Explore college and technical school programs.</li> <li>▶ Investigate apprenticeship options.</li> <li>▶ You may be asked to apply for National Honor Society-- (must have a cumulative <i>G.P.A.</i> of 3.40+).</li> <li>▶ Make college visits.</li> <li>▶ Meet with college representatives when they visit Whiteford.</li> </ul>
Sophomore Year	
Academics	Opportunities
<ul style="list-style-type: none"> <li>▶ You now have a <i>G.P.A.</i></li> <li>▶ Your grades will help you reach your goals.</li> <li>▶ Explore CTE and AP classes.</li> <li>▶ Take core courses and earn excellent grades.</li> <li>▶ Continue to investigate <i>Career Pathways</i>.</li> <li>▶ Review course requirements for college (Athletes: Inquire about NCAA course requirements at <a href="http://www.ncaa.org">www.ncaa.org</a>.)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Take the PSAT for direct college/dual enrollment.</li> <li>▶ Stay involved in high school activities--keep it up for the next 3 years.</li> <li>▶ Begin a <i>résumé</i> of your activities (clubs, sports, outside activities, etc.).</li> </ul>
Freshman Year	
Academics	Opportunities
<ul style="list-style-type: none"> <li>▶ You begin your <i>G.P.A.</i> (Grade Point Average). Grades are VERY important.</li> <li>▶ Take core courses and earn excellent grades--needed for college, scholarships, jobs, and LIFE!</li> <li>▶ Explore <i>Career Pathways</i>.</li> <li>▶ Review course requirements for college (Athletes: Inquire about NCAA course requirements at <a href="http://www.ncaa.org">www.ncaa.org</a>.)</li> </ul>	<ul style="list-style-type: none"> <li>▶ Get involved in school activities--needed for experience, jobs, college, and <i>résumé</i>.</li> <li>▶ Get involved in out-of-school activities to establish community relationships.</li> </ul>

# **COURSE DESCRIPTIONS**



**NOTE: Please be advised all courses are NOT available every year.**

## **ART SUBJECTS**

### **801 ART 1**

**Credit - 1**

Grade Level: 9-10-11-12

This year long course is an introduction to art open to students in grades 9-12. It includes studio art projects, art history, art criticism, and aesthetics. Students will be exploring various media as they learn about the elements and principles of art through the following units: Drawing, Color Theory, Painting, Clay, Printmaking, Design, and Mixed Media. Students will be evaluated on studio art projects, writing assignments, tests and exams.

### **811 ART 2**

**Credit - 1**

Prerequisite: Art 1

Grade Level: 10-11-12

This year long high school course builds on knowledge acquired in Art 1. It includes studio art projects, art history, art criticism, and aesthetics. Students will be experimenting with some new art medium and continue to broaden their knowledge of the history of art. Each quarter will be divided into approximately half studio art projects and half art history. Students will be evaluated on studio art projects, written assignments, quizzes, tests and exams. This course is designed for students who are serious about advancing their art skills and knowledge of art history.

### **821 ART 3**

**Credit - 1**

Prerequisite: Art 2

Grade Level: 11-12

This year long high school course is a continuation of Art 2. It includes studio art projects, art history, art criticism and aesthetics. Students will be experimenting with some new art medium and continue to broaden their knowledge of the history of art. Each quarter will be divided into approximately half studio art projects and half art history. Students will be evaluated on studio art projects, written assignments, quizzes, tests and exams. This course is designed for students who are serious about advancing their art skills and knowledge of art history.

## **BUSINESS SUBJECTS**

### **703 GRAPHIC DESIGN**

**Credit - 1**

Grade Level: 10-11-12

Students will be exposed to the concepts of creating effective designs and websites. Students will learn the principles of design, creating/manipulating raster and vector graphics, basic HTML coding, and creating/maintaining a modern Content-Management-System website. This class focuses on the Michigan Technology Standards and Expectations for High School Students.

## **PRINCIPLES OF COMPUTING**

**Credit – 1**

Grade Level: 9-10-11-12

Principles of Computing I is designed for any student that is interested in learning more about computers, software, and coding. This course teaches the fundamentals of programming and computational thinking and it will instill confidence in working with technology. We will foster creativity, curiosity, and collaboration. Principles of Computing I explores how computers can be used to solve real-world problems.

## **711 COMPUTER APPLICATIONS**

**Credit - 1/2**

Grade Level: 10-11-12

This course provides the student with basic features and a working knowledge of the advanced features of Microsoft Office 2007 (Word, Excel, Access, and PowerPoint).

## **731 MARKETING AND ACCOUNTING APPLICATIONS**

**Credit - 1**

Prerequisite: None

Grade Level: 11-12

This course introduces students to the concepts in Marketing and Accounting Areas emphasized in Marketing include the following: marketing basics, salesmanship, business basics, selling techniques, pricing, merchandising techniques, promotion, fundamentals of retail, wholesale and service selling, and human relations. Areas emphasized in accounting include the following: sole proprietorships, balance sheets, journals, worksheets, income statements, partnerships, and ledgers.

## **780 CAREERS**

**Credit - 1/2**

Grade Level: 11-12

Students use KeyTrain as the primary tool for this course. This semester class will allow the student to prepare him/herself with the necessary workplace skills needed to be successful in the world of work. The course will cover career awareness, resume and portfolio development, interviewing, teamwork, job shadowing, communication skills, in addition to self-awareness which will enable the individual student to be better prepared to make life choices. Class discussions are important, so good attendance is critical.

## ENGLISH SUBJECTS

### **001 ENGLISH 9**

**Credit - 1**

Grade Level: 9

Ninth grade English focuses on developing the following: grammar usage, essay writing, vocabulary building, building organization skills, study habits and reading comprehension. Students will learn persuasive, narrative, creative and analytical writing techniques, while exploring a diverse field of Literature and how to interpret it. This allows students to begin to form a foundation on which they can work to have a voice in (a democratic) society. If a person can extract meaning from the written word and express his or her thoughts clearly, and in an educated manner, they can affect a change and make solid decisions while shaping the democracy in which they live. This serves as the overall goal of English 9.

### **011 ENGLISH 10**

**Credit - 1**

Prerequisite: English 9  
Grade Level: 10

English 10 offers the student the opportunity to improve his or her reading, writing, listening, thinking and speaking skills. Each student will write expository paragraphs and essays using correct mechanics, seeable examples, proper nouns, good organization, and good word choice. The teacher has writing conferences with each student. Each quarter a student will read selections from an anthology, report on a book, and do a speech.

### **021 ENGLISH 11**

**Credit 1**

Prerequisite: English 10  
Grade Level: 11

The purpose of English 11 is to provide students instruction which will help them to practice and to refine the reading, writing, speaking, listening, and critical thinking skills learned in English 9 and 10. Emphasizing the Common Core Standards, students will participate in reading, writing, and writing mechanics and activities in preparation for the MME/SAT given in the spring of the junior year. Students will write persuasive essays and practice timed writings. Students will study novels and selections by American authors, comparing and contrasting themes across time and texts in written analysis.

### **031 ENGLISH 12**

**Credit - 1**

Prerequisite: English 11  
Grade Level: 12

The English 12 curriculum strives for student proficiency in the following areas: listening, reading and analyzing, writing and conducting research. College-bound students will face the challenge of writing persuasive essays that say something new in the college environment, for which this class will also prepare them. English 12 focuses on British Literature and provides a brief history of the development of the English language and historical context for studied Literature. The goals of this class match the HSCE's in the state of Michigan for English 12. In addition to other writing assignments, the students must write a properly formatted (M.L.A. Format) research paper to pass the class.

## 041 WRITING FOR PUBLICATION

**Credit - 1**

Prerequisite: B average or better in English 9, 10 or 11 or permission of instructor  
Grade Level: 10-11-12

Writing for Publication is a laboratory for applying communication skills to the publication of the yearbook, The Agrarian, and the newspaper, The Static. Students must be prepared to work outside of school time. They must also sell advertising *as part of their grade* to support the cost of publication. Grading is also based on submitting layouts and articles by set deadlines, submitting quality work, and completing course work to improve journalistic skills. Students may receive credit in more than one year if they assume a leadership position for The Agrarian or The Static. This course does **not** substitute as credit for regular English 10, 11, or 12. Students should have an A or B average in English.

## 051 SPEECH

**Credit - 1/2**

Grade Level: 10-11-12 (Offered in alternate years)

Two major components make up an effective speech: the speech itself and the manner in which it is delivered. The public speaking class is designed to develop skill in both areas giving students the confidence to speak in front of an audience. Examples of the kinds of speech required in the class include informative speech, demonstration speech, persuasive speech, entertainment speech and impromptu speeches.

## 052 DRAMA

**Credit - 1/2**

Grade Level: 10-11-12 (Offered in alternate years)

The purpose of this course is to give students an appreciation and experience in drama as an art form. This course will explore the history of drama from the ancient Greek theater and its evolution into the twentieth century. Students will also read and analyze written and viewed plays and performances, learn stage directions, memorize parts for plays, and participate in dramatic interpretations in groups.

## 061 CONTEMPORARY LITERATURE

**Credit - 1/2**

Grade Level: 10-11-12

This English elective caters to students who enjoy reading and analyzing Literature, specifically more current Literature than the traditional English class allows. This will be a class mostly based in independent study with some class discussion, oral presentations, and written book reports. We will focus on literature written across all spectrums within the last 50 years, with emphasis on best-sellers, award winners, books adapted for the movie screen, young adult fiction and children's lit. Only students' imagination can limit them in this class.

## 062 CREATIVE WRITING (Offered in alternate years)

**Credit - 1**

Grade Level: 10-11-12

Students will write and publish poetry, plays, stories, songs and parodies as well as completing class assignments designed to improve their creativity.

**071 MASS MEDIA (Offered in alternate years)****Credit - 1/2**

Grade Level: 10-11-12

Designed to study the effects of the mass media on our lives, this course will ask students to examine and compare the way print media (newspapers, magazines), broadcast media (television, radio), and the internet all present and influence our reaction to current issues. The role of advertising and its influence on media coverage, as well as its influence on the public, will also be analyzed. The course will require students to read and write about what they've read, as well as study video presentations for written analysis.

**091 READING FOR INFORMATION**

Grade Level 10-11-12:

**Credit 1**

This course requires students to read up-to-date news or magazine articles, then answer questions about them in preparation to discuss the importance of the article to our world, society, country, region, school, etc. The purpose of this entails not only knowing about events and trends happening in our world, but what might occur as a result of current actions in the future. Some of the time, students will choose the article topics themselves, while other times they will read and discuss the same article chosen by the teacher. In addition, students will complete projects of varying kinds that requires students to read, discuss and study how to properly execute and/or complete a task, and then actually do it. This course will require reading, writing, speaking, participating in class discussion, and demonstrating mastery of a studied task by doing it (for example, planting trees, tutoring elementary students in reading, etc.). The first goal of this class involves teaching students how to better read, interpret, ponder, discuss and sometimes argue opinions about pertinent, modern issues. The second goal, though not of lesser importance, involves tackling relevant, interesting topics that affect the students in some direct and/or relevant way. Resultantly, students will have the opportunity for weighty input as to what topics the class researches and discusses.

**FOREIGN LANGUAGE SUBJECTS****411 SPANISH 1****Credit - 1**

Grade Level: 9-10-11-12

This course is designed to develop proficiency in Spanish. Students use Spanish in real, meaningful situations as they apply language structure and content topics. The culture of Spanish speaking countries is also presented.

**421 SPANISH 2****Credit - 1**

Grade Level: 10-11-12

This course includes a review of Spanish grammar with special emphasis on the acquisition of conversational skills. Students also acquire skills for effective reading and writing in Spanish.

**431 SPANISH 3****Credit - 1**

Prerequisite: Spanish 2, grade of C or better,  
or instructor's permission

Grade Level: 11-12

This course deals with perfecting basic grammar concepts already presented. Much time will be spent on advanced vocabulary building, fluidity of speech, and reading and writing skills.

**481 JAPANESE 1****Credit - 1**

Grade Level: 9-10-11-12

Take advantage of an opportunity to discover Japanese language and culture for yourself. Forget what you may know about foreign languages or about English. This language takes a completely different approach to communication. As we learn, we'll investigate many aspects of Japanese culture. From *ukiyo-e* to *umeboshi*, Japanese culture will intrigue you. Students will be introduced to basic conversation patterns and to the two Japanese syllabries, *hiragana* and *katakana*, as well as a few basic ideographs, *kanji*. The course will meet in the Distance Learning room and will cover the four basic language skills (Reading, Writing, speaking and Listening) in a culturally contextualized format.

**482 JAPANESE 2****Credit - 1**

Prerequisite: Japanese 1

Grade Level: 10,11,12

A continuation of Japanese 1. This class will be taught over the IVN network. It will continue to teach the four basic language skills (Reading, Writing, Speaking and Listening) in a culturally contextualized format. Students will increase their mastery of the syllabries, while adding additional *kanji* to their knowledge base and increasing their understanding of Japanese vocabulary, grammar, and the culture.

**491 IS TUTORING****Credit - 1**

This course provides students with the opportunity to complete classroom assignments and school projects. Students typically work on their own, however tutoring is available from the supervising teacher. Special education students are mentored by the supervising teacher and peer-tutoring and collaboration is encouraged where appropriate. Students have access to in school and on-line resources for test preparation, course work competition and college and career planning. Principal or Lead Teacher approval for enrollment in this course.

**HEALTH AND PHYSICAL EDUCATION SUBJECTS****601 INTRODUCTION TO PHYSICAL EDUCATION****Credit - 1/2**

Grade Level: 9

This is a required course for graduation. During the semester, the student will be introduced to a variety of activities including: basketball, badminton, eclipse ball, floor hockey, football, pickle ball, softball, soccer, speed-a-way, table tennis, volleyball, and whiffle ball. The course will also emphasize physical fitness, requiring student progress from the start of the semester to the finish. Daily participation and students' scores on the President's Physical Fitness tests help determine quarter and semester grades.

**612 LIFETIME FITNESS (On-Line)****Credit - 1**

Prerequisite: Introduction to Physical Education, Instructor Approval  
Grade Level: 10-11-12

In this course, students will study fitness and wellness in a sports activity setting. Students will participate in lifetime fitness activities appropriate to the seasons, facilities, and equipment available. Students will also learn about their individual personal fitness levels and then create personal fitness plans. Activities may include individual sports, aerobic and anaerobic conditioning - including machine and free weight training, flexibility exercises, and team sports. Evaluation includes a daily participation grade, personal fitness level research and assessment, and personal fitness plan research and implementation.

**613 STRENGTH TRAINING****Credit - 1**

Grade Level: 10-11-12

Strength training is a participation based class in which all students have an opportunity to excel. By participating each day, students will improve their muscular strength and endurance. Students will participate in the following activities throughout the semester: weight training, speed, agility, plyometric, and core training, and finally dynamic and static flexibility training. The focus of this will be on building muscle, safety and proper technique. All students will keep a training log for both the instructor and his or her coaches.

**602 HEALTH****Credit - 1/2**

Grade Level: 9

This is a required course for graduation that emphasizes sound health habits. The units for the semester will include: disease prevention and control, personal health practices, nutrition, growth and development, family health, basic anatomy and substance abuse. Evaluation of student achievement will include giving reports on health problems from current sources, daily homework assignments, tests, and quizzes.

**MATHEMATICS SUBJECTS****301 ALGEBRA 1****Credit - 1**

Grade Level: 9-10-11-12 (eighth graders who have passed a readiness test and who are recommended by the math teacher)

This course is a study of equations, inequalities, graphing, factoring, and their applications. All students are required to take Algebra 1.

**311 GEOMETRY****Credit - 1**

Prerequisite: Algebra 1  
Grade Level: 9-10-11-12

This course covers perimeter, area, surface area and volume. We also analyze the components of quadrilaterals, triangles and circles.

**321 ALGEBRA 2****Credit - 1**

Prerequisite: Geometry  
Grade Level: 10-11-12

This course is more rigorous than Algebra 1. Similar topics are covered, but in more detail. Additional topics may include exponential equations, logarithms, and quadratic equations. A graphing calculator is required.

**322 ALGEBRA 2A****Credit - 1**

Prerequisite: Algebra 1 required, Geometry recommended  
Teacher recommendation only  
Grade Level: 11-12

**323 ALGEBRA 2B****Credit - 1**

Prerequisite: Algebra 1 required, Geometry recommended  
Teacher recommendation only  
Grade Level: 12

Algebra 2B continues where Algebra 2A left off. The two courses, Algebra 2A and Algebra 2B, combine to fulfill the Algebra 2 requirement for graduation. Topics covered could include radicals, exponential equations, logarithms, rational equations and simple trigonometry. Graphing calculator uses extensively.

**331 PRE-CALCULUS****Credit - 1**

Prerequisite: At least a C in Algebra 2  
Grade Level: 11-12

Pre-calculus topics include complex numbers, analytical geometry, matrices, vectors, probability, functions, graphing polynomials, definition and application of trigonometric functions, acute and right angles, radian measure and circular functions, graphs of trigonometric functions, identities, equations, inverses and review of logarithms. Pre-calculus is recommended for all students entering a math or science related field of study and is a preparation for an introductory calculus class. A graphing calculator is required.

**341 ADVANCED PLACEMENT CALCULUS****Credit - 2**

Prerequisite: B average in Pre-Calculus  
Grade Level: 12

This course follows the national syllabus for Advanced Placement Calculus (AB). In May, the students may choose to take the AP test for college credit. Heavy emphasis is placed on derivatives and integrals of a single variable. Trigonometry and logarithms are covered in more depth. A graphing calculator is required.

### **352 INTRODUCTION TO STATISTICS (One Semester)**

**Credit -1/2**

Prerequisites: Algebra 1, Algebra 2 (or Alg. 2 concurrently)

Grade Level: 11-12 (Grade 12 will get first choice)

The purpose of this course is to offer a brief introduction and explanation of statistics. This course is designed to acquaint students with the general ideas and language of statistics. Those students who plan to attend college will benefit from this introduction course, as this type of course is a general graduation requirement for most colleges.

### **353 INTRODUCTION TO PROBABILITY (One Semester)**

**Credit -1/2**

Prerequisites: Algebra 1, Algebra 2 (or Alg. 2 concurrently)

Grade Level: 11-12

The purpose of this course is to offer a brief introduction and explanation of probability. This course is designed to acquaint students with the general ideas and language of probability. Those students who plan to attend college will benefit from this introduction course, as this type of course is a general graduation requirement amongst most colleges.

### **354 PERSONAL FINANCE**

**Credit -1**

Prerequisites: Algebra 1, Algebra 2 (or Alg.2 concurrently)

Grade Level: 11-12 (Grade 12 will get first choice)

Personal Finance is a subject that will affect all students for the rest of their lives, regardless of age, education level, or income. This course will prepare students for success in a fast paced global economy. It will teach students how to harness their spending power and plan for their future. Students will have a firm understanding of how the financial choices they make will affect their lives and the community. Checking and saving accounts, interest rates, credit cards, loans and budgets will be addressed.

## **MUSIC SUBJECTS**

### **871 CHOIR**

**Credit - 1**

Prerequisite: If no prior Choir experience the student will audition with director - Be able to sing a melody and match pitch

Grade Level: 9-10-11-12

The choir presents at least six performances each year with a possibility of taking a trip in the late spring or at the conclusion of the school year. Rehearsals are spent preparing music for concerts, building choral and vocal technique, learning music theory, and discovering the importance of musical expression. Students should understand that receiving credit in this course is dependent upon being able to attend **ALL** performances, which may be scheduled during school, after school, or on weekends. Grading is based upon daily participation, written assignments, test scores, in-class vocal evaluations, and concert attendance.

**881 BAND****Credit - 1**

Prerequisite: if no prior Band experience the student will pass an audition with the director

Grade Level: 9-10-11-12

The high school band studies various styles of music, learns music theory, and prepares for performances that are scheduled throughout the year. **Participation in all performances is required** including performances by the marching band. A list of required performances will be provided at the beginning of the year and students will be expected to adjust personal schedules in order to participate in these activities. Grades will be based on daily participation, written assignments, playing and written tests, and evidence of regular practice. Receiving credit for this course depends on attending **all** performances.

**SCIENCE SUBJECTS****201 INTRODUCTION TO CHEMISTRY****Credit - 1****202 INTRODUCTION TO PHYSICS****Credit - 1****(Offered in alternate years)**

Grade Level: 9-10 (Required)

This is a required science course encompassing physics and chemistry. It will be lab oriented, stressing the inquiry method of investigation with basic lab skills being learned as a tool for inquiry. Units of study include metric measurement, atomic theory, matter (forms and changes), motion, energy, electricity, and nuclear activity.

**211 BIOLOGY****Credit - 1**

Grade Level: 9-10 (Required)

Biology is designated to introduce the student to the field of Biology and to the living world. Topics covered will include the nature of science, the biosphere, ecology, cell structure and function, cellular energetics, cell division, introductory genetics, evolution, and the human body. While exploring these topics, emphasis will be placed on the development of analytical and laboratory skills. Students will use their understanding of biology to assess the human impact of the world around them and be able to make informed decisions.

**221 CHEMISTRY****Credit - 1**

Prerequisite: Algebra 1 (Algebra 2 is advised to be  
taken as a parallel or previous course)

Grade Level: 11-12

Chemistry is the study of elements and compounds and their interaction. A basic concept of molecular theory will be developed. Lab work will be emphasized. Mathematics will be stressed.

**231 PHYSICS****Credit - 1**

Prerequisite: Pre-Calc in or have taken

Grade Level: 11-12

Physics is a study of the physical laws of the universe. It will include a study of dynamics, energy, wave action, light theory, electricity theory, and an introduction of nuclear physics. Frequent applications of mathematics and laboratory studies are developed as tools of problem solving.

## **251 HUMAN ANATOMY AND PHYSIOLOGY**

**Credit -1**

Prerequisites: Biology, Physics or Chemistry  
Grade Level: 11-12

This course will employ an integration of anatomical and physiological aspects of the human body. This course is intended to provide a strong background in human anatomy and physiology for students who have an interest in medicine, nursing, science and related allied health fields. Major body systems will be explored while incorporating relevant medical terminology, career research, and societal impacts. It is expected that all students will have knowledge of the basic concepts of biology and chemistry as a prerequisite for this course. Upon completion of this course students should be able to understand the scope of studies in anatomy and physiology and be better prepared for further study in related areas.

## **264 BIOLOGY 2**

**Credit - 1**

Prerequisite: Biology  
Grade Level: 11-12

Biology 2 is designed to continue the work done in General Biology. Biology 2 will better prepare a student for further study of the life sciences at the college level. In this course, the student will expand on topics previously covered, as well as be introduced to new material. A greater emphasis will be placed on skills needed to be college and career ready, such as argumentation, presentation, and laboratory skills, including multiple dissections. Topics covered will include the nature of science, biochemistry, cellular processes, viruses and bacteria, taxonomy, plant biology, invertebrate anatomy, and vertebrate anatomy.

### **SOCIAL STUDIES SUBJECTS**

## **101 WORLD HISTORY**

**Credit - 1**

Grade Level: 9 (Required)

From the beginnings of civilization, this course traces economic, social and political development. Students will use knowledge of the past to construct meaningful understanding of the diverse cultures in our world. Students should develop an understanding of the interdependence of nations, causes of war, and forms of government that exist in the world.

## **111 CIVICS/ECONOMICS**

**Credit - 1**

Grade Level: 10 (Required)

This required social studies class provides students with a comprehensive study of the following topics: citizenship, forms and functions of government, principles of the constitution, and federal government with a study of the legislative, executive, and judicial branches, local and state government, voting and elections, and the responsibilities of citizenship.

The economics section of the course will help students use knowledge of production, distribution, and consumption of goods and services to make personal and societal decisions.

The goal of this course is to help students be good citizens in our democratic system and be able to make informed economic choices for their lives.

## 121 AMERICAN HISTORY

**Credit - 1**

Grade Level: 11 (Required)

Eleventh grade American History reviews the happenings in the United States from 1867 to the present. The course begins with a study of the constitution and the social, economic, and political consequences of the reconstruction period. Other topics include western expansion, industrial revolution, and American expansion as a world power, World Wars I & II, the great depression, civil rights movement, the cold war era, Vietnam, and post Watergate America. The course will examine the role of the constitution in shaping American history.

## 131 PSYCHOLOGY

**Credit - 1/2**

Grade Level: 10-11-12

Through readings, discussions and activities covering topics like body language, learning styles, ego defense mechanisms, operant conditioning, Gestalt principles, logic fallacies and language, students will develop a better understanding of human behavior and the mental process.

## 132 PRACTICAL LAW

**Credit – 1/2**

Grade Level: 11-12

Using concepts from Psychology, students will study aspects of law like crimes against property, crimes against people and criminal justice.

## 141 CURRENT EVENTS

**Credit - 1**

Grade Level: 10 - 12

This elective social studies class is designed for a student interested in pursuing the political, economic, and social issues of society in greater depth than what occurs in required social studies classes. Students will use daily newspapers, weekly newsmagazines, and television newscasts as resources for topics covered. Using current events, the background history of such issues will be explored and students will be required to support a particular stand on an issue with relevant facts or information.

## Whiteford Agriscience/FFA Courses

### **Possible Core Credits Earned**

Zoology- 1 credit for 3<sup>rd</sup> Science

Horticulture- 1 credit for 3<sup>rd</sup> Science

Ag Shop (Rotating every other year)

Ag Business (Rotating every other year) 1 credit for 4<sup>th</sup> math

\*If you take the first 2 courses of the program (Zoology, then Horticulture), then you would be considered a completer, and you can apply 1 credit toward your second year of foreign language. This will allow you to forgo your second year of foreign language.

\*\*If you are a program completer (finish Zoology, then Horticulture), and receive your FFA Outstanding Junior (Junior Year) and State Degree (Senior Year), then you are eligible to earn 6 free credits to Michigan State University. These credits are general university credits.

## **270 Zoology**

**Credit – 1**

**Grade Level: 9th**

**Zoology is the first course that you MUST take in the Agriculture program.**

Zoology is a vocational agriculture class. Students will be required to participate in hands-on animal activities. Included in these activities are chickens and the FFA Broiler Contest, sow and farrowing pigs, ewes with lambs, and/or other possible hands-on animal projects. Students will also study the scientific aspects of zoology from inside the classroom. Zoology topic areas include: safety, intro to FFA, careers, poultry (FFA Broiler Contest), swine, animal products, animal reproduction, digestion, muscular and skeletal systems, and other body systems. Students in Zoology will be FFA members and will participate in FFA contests, events, and fundraisers.

## **240 Horticulture**

**Credit – 1**

**Grade Level: 10<sup>th</sup>**

**Horticulture is the second course that you MUST take in the agriculture program.**

Horticulture is a vocational agriculture class. Students will be required to participate in hands-on activities including landscaping, greenhouse production, gardening, field crops, orchard production, environmental/soils, and forestry management, along with other possible topics. There will be a classroom component focusing on the scientific portion of horticulture where we will learn about safety, careers, plants and their parts, soils, nutrients, and plant pests, and dealing with those pests, among other things. Students in Horticulture will be FFA members and will participate in FFA contests, events, and fundraisers.

## **901 Agribusiness/Ag Leadership (Rotating class)**

**Credit – 1**

**Grade Level: 11<sup>th</sup> or 12<sup>th</sup>**

**You must have completed Zoology and Horticulture before taking Agribusiness.**

Agribusiness class is a vocational agriculture class. Students will focus on the economic and business side of agriculture. Agribusiness class will focus on business principals such as economics, markets and marketing strategies, financial statements and their measurements, taxes, loans, risk management, etc. These topics will be tied to Whiteford FFA Chapter Fundraisers and business decisions. Topics on the Leadership portion will include a career focused curriculum including resume, cover letter, and reference building, the job interview process; as well as how to be an effective leader and manager. Students in Agribusiness will be FFA members and will participate in FFA contests and events.

## **905 Ag Shop/Leadership (Rotating Class)**

**Credit – 1**

**Grade Level: 11<sup>th</sup> or 12<sup>th</sup>**

**You must have completed Zoology and Horticulture before taking Ag Shop.**

Ag Shop/Leadership is a vocational agriculture class. Topics covered on the Ag Shop portion will include Safety, Equipment ID/knowledge, Basic woodworking, and if time, basic farm equipment maintenance and repair. Students will participate in building and maintaining structures for the Ag program, improving program facilities, etc. One example of projects is building planter boxes and pallet planters for Horticulture to plant and sell. Students in Ag Shop/Leadership will be FFA members and will participate in FFA contests and events.

**OTHER LOCAL CTE OPTIONS (TRANSPORTATION REQUIRED)**

**Drafting/Design Technology (Bedford)**

Engineering and Architecture Fundamentals  
CAD Fundamentals  
Drafting/Design Technology 1, 2, 3

**Machine Trades (Bedford)**

Machine Technology 1, 2, 3

**Automotive Trades**

Automotive Maintenance and Light Vehicle Repair 1, 2, 3

**Construction Trades**

Construction Trades 1, 2, 3

**Manufacturing**

CNC/Robotic Manufacturing  
Welding/fabrication

**VIRTUAL COURSES**

There is a wide variety of virtual courses offered at Whiteford Schools. Our virtual options include general electives, career, technical, and core subject courses. Listed below are elective and career related courses offered through Edgenuity. We are also able to offer courses through Michigan Virtual.

A/V Production I and II
Accounting A and B
ACT Virtual Tutor Course
African American Studies
Anthropology I, II
AP Psychology
AP Spanish Language and Culture
Archaeology
Art History and Appreciation
Artificial Intelligence
Audio Engineering
Biotechnology: Unlocking Nature's Secrets
Business information Management A,B
Career Explorations - Senior

Career Explorations I and II
Chemistry Honors
Child Development and Parenting A,B
Computer Programming - Advanced
Computer Science and Programming A,B
Conflict Resolution
Criminal Justice Careers
Culinary Arts A, B
Digital and Interactive Media A,B
Digital Photography I and II
Drafting and Design A,B
Early Childhood Education
Engineering Design I
Fashion and Interior Design
Forensic Science I and II
Foundations of Personal Wellness
Game Design I and II
Health Science Concepts Anatomy and Physiology I and II
Health Science Concepts I and II
Healthy Living
Holocaust Studies
Hospitality and Tourism
Intro to Agriscience
Intro to Computer Science and Programming I and II
Intro to Cosmetology
Intro to Criminology
Intro to Cybersecurity
Intro to Entrepreneurship I and II
Intro to Fashion Design
Intro to Forensic Science
Intro to Health Science A and B
Intro to Manufacturing: Production and Design
Intro to Veterinary Science
Introduction to Business I and II
Introduction to Information Technology
Introduction to Online Learning
Introduction to Psychology

Introduction to Sociology
Law and Order: Legal Studies
Medical Terminology A,B
Music Appreciation
Nursing Assistant A,B
Online Learning and Digital Citizenship
Personal Finance
Personal Fitness A and B
Pharmacy Technician
Principles of Architecture and Construction A,B
Principles of Business, Marketing, and Finance A,B
Principles of Education and Training A, B
Principles of Engineering and Technology
Principles of Government and Public Administration A, B
Principles of Hospitality and Tourism A, B
Principles of Information Technology A, B
Principles of Manufacturing A, B
Principles of Public Service
Project Management
Psychology
Sociology A,B
Sociology Career Planning and Development
Sports Entertainment and Marketing
Strategies for Academic Success
Vet Science: The Care of Animals
Visual Communications

### **DUAL ENROLLMENT**

#### **993 DUAL ENROLLMENT/DIRECT COLLEGE**

Dual enrollment means that students can be awarded both high school and/or college credit for a course taken at a Michigan college or community college. Direct college is a courses taken through Monroe Community College that is offered on-site at Whiteford High School, it is our intention to offer courses 1<sup>st</sup> and 7<sup>th</sup> hour each semester for College credit. Students interested in taking college classes must take and receive qualifying scores from an assessment called Accuplacer that is proctored by MCCC. Qualifying test scores have been set by the state. You must also have a cumulative grade point average of 2.5 or higher. Please check with the Guidance Office for complete details. The college class may not be a duplicate of an existing high school class nor may it be in the area of an activity, hobby, physical education, theology, divinity, or religious education course. Applications for dual enrollment are available from the Guidance Office.

**Students should consult with the Director of Student Advancement to determine the best option depending on the college to which a student wishes to transfer credits.**

**Board Policy 2271 states:**

If a student participating in the postsecondary (dual) enrollment program fails to successfully complete an eligible course, the student and his/her parents are responsible for reimbursing the District for such charges incurred by the District for such enrollment. In the event reimbursement is not made in a reasonable period of time, the Superintendent is authorized to file claim against the student and/or his/her parents in Small Claims Court for collection.