

Curriculum Guide 2024-2025

Whiteford High School

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Suggestions for Registration from the Counseling Department

Your future educational and/or vocational training depends, by and large, upon the choices you make during high school. Therefore, planning a personal course of study in high school is an extremely important responsibility which confronts students and their parents each year. I am available to assist you in making your decisions. If you are in doubt or need help in planning your educational program please let me know. We at Whiteford will help you and your parents make wise choices in selecting courses which balance your interests, needs and abilities. We rely upon information obtained, test scores, personal observation, teacher recommendations, achievement records and individual conferences. You should use careful consideration in requesting appropriate courses. In making your selections, weigh carefully the advice of your parents, your teachers and counselor. Your choice of subjects should be made in light of your special interests, abilities and your future educational or vocational goals. In no case should you base your decision upon the fact that your friend will be in a particular class or that you prefer a specific teacher.

Parents must approve course requests by signing the registration sheets. All requests should be made with the idea that choices are final. Students are reminded that some classes may not be offered due to low enrollment and that conflicts may make it impossible to take an elective.

~ Jennifer Head
School Counselor
734-856-1443, Ext. 216
head@whiteford.k12.mi.us

Graduation and Scheduling Requirements

Total Credits Required = 30 credits

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 – 11 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 eight classes or equivalent of Dual Enrollment/Direct College, Work Based Learning and/or CTE courses 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
- Take classes through an approved online program
- Take classes through an approved summer school

Note: This may be at 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 recorded as a “P” 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 test out requirements.

Direct College/Dual Enrollment

Whiteford students have opportunities to earn college credit while attending High School through Direct College or by Dual Enrollment. Direct College is a program that is offered at Whiteford High School. Courses are provided during the school day through Lourdes University 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, Lourdes University or for 12th graders an on-line course, in place of traditional courses. The students may be required to 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)
English Language Arts 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)
Mathematics 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 may be modified if: Student “enrolls” in a formal CTE program OR completes the same content as High school assessment, as determined by the Department. OR Completes 1 semester of statistics, functions and data analysis or technical math
Science 3 credits	Biology Chemistry or Physics 1 Additional science elective to meet state requirements. The legislature “strong encourages” pupils to complete a 4 th credit (i.e. Forensics, Astronomy, Earth Science, Agricultural Science, Environmental Science, Geology, Physics, Chemistry, Physiology or Microbiology)	Only students with an IEP may have this requirement modification with a Personal Curriculum
Social Studies 3 credits	.5 Civics .5 Economics U.S. History and Geography World History and Geography	No modification for Civics 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 OR Completes a CTE Program
Health and Physical Education 1 credit	1 credit developed by the Michigan Department of Education OR	Modification only if student takes additional credit(s) beyond the required credits in English Language Arts, Math, Science, or World Languages OR

	.5 credit in Health and .5 credit in an extracurricular activity that involves physical activity	Completes a CTE Program
Visual, Performing, Applied Arts 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 OR Completes a CTE Program
World Languages 2 credits	Credits earned in Grades K-12 (course content must be age appropriate – not H.S.equivalent) OR An equivalent learning experience in grades K-12 Pupils graduating in 2015-16 through 2019-20 may substitute 1 credit in CTE or Visual Performing Arts	No modification
Online Learning Experience	Online course or learning experience OR Online experience is incorporated into each of the required credits	No modification

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 a special education teacher or a 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.

RECOMMENDED TESTING FOR COLLEGE BOUND STUDENTS

PSAT

In addition to helping prepare students to take the SAT, the PSAT is given to students as part of our state required testing day each April to students in grades 8th-10th grade.

ACT/SAT

All four-year colleges require either ACT or SAT test scores for admission. The SAT will be given to all 11th grade students in the spring. 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 any questions about testing you can see the School Counselor Jennifer Head.



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

COURSE DESCRIPTIONS



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

ART

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, and Google Slide Show Projects. 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, and Google Slide Show Projects. This course is designed for students who are serious about advancing their art skills and knowledge of art history.

850 Hand-Building with Clay

Credit - 1

Grade Level: 9-10-11-12

This year-long art course focuses on exploring the hand-building techniques of clay (slab, pinch and coil) along with both glaze and paint "finishing" techniques. This primarily studio based class will also include some written work, tests, as well as semester/final exams as students learn the terminology and vocabulary of this specialized area of Art

703 GRAPHIC DESIGN

Credit - 1

Grade Level: 10-11-12

**This course cannot be repeated*

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.

ENGLISH

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 is a course organized around the study of various genres of literature, including novels, non-fiction expository texts, drama, and poetry. The course emphasizes instruction in the development of clear argumentation, support, and structure of analytical paragraphs and essays. Students will construct multi-paragraph essays that respond to non-fiction texts, analyze literature, and persuade an audience. Analysis is a key skill that students will develop as they explore the significance of a piece of text and the elements of writing that create meaning. Students will also be challenged to grow in their practical language skills through class discussions, formal and informal writing assignments, creative projects, and oral presentations. Students will continue to develop grammar, punctuation, and vocabulary skills.

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 is to 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.

061 MYTHOLOGY/CONTEMPORARY LITERATURE

Credit - 1

Grade Level: 9 (with teacher recommendation) 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. Mythology will include readings of myths, legends, folktales, and epics from various cultures. The major focus will be on Greek and Roman myths; however, other cultures will be studied. Throughout the course, students will be expected to keep up with the reading of these various stories and myths. In addition, students will be required to complete numerous projects, both creative and research based.

FOREIGN LANGUAGE

411 SPANISH 1

Credit 1

Grade Level: 9-10-11-12

This course is an introduction to the Spanish language and culture, and it is designed for students with little or no previous study of Spanish. It provides the opportunity to learn vocabulary and some grammatical structures to develop foundational skills in listening, speaking, reading and writing. Studying Spanish-speaking cultures and making connections to their own culture are part of this course. We will read a simplified novel and create many stories together out loud in Spanish to learn the language naturally. Students will be expected to achieve proficiency at the "novice mid" level. This means that they can write and speak using simple phrases on familiar and common topics.

421 SPANISH 2

Credit 1

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

This course offers a continuation of Spanish language development by increasing the use of vocabulary and grammar structures in listening, speaking, reading, and writing. There will be a major focus on reading and listening, as well as creating class stories as input to learn the language naturally. The culture of the Spanish-speaking world will continue to be explored. Students will be expected to achieve proficiency at the "novice high" level. This means that they can write and speak using simple sentences on familiar and common topics in both the present and past tenses.

431 SPANISH 3**Credit 1**

Prerequisite: Spanish 2
Grade Level: 10-11-12

This course offers students the opportunity to advance in their Spanish language skills. Students will practice the language by completing tasks with a high degree of comprehension. Students use more complex language structures in reading and writing activities and also practice spoken language by engaging in conversations. The culture of the Spanish-speaking world will continue to be explored. Students will be expected to achieve proficiency at the “intermediate low” level. This means that they can write and speak using sentences on familiar and common topics that provide details such as who, what, when, why, and how in both the present and past tenses.

441 SPANISH 4**Credit 1**

Prerequisite: Spanish 3
Grade Level: 11-12

This course offers students the opportunity to continue to advance in their Spanish language skills. Students will practice the language by completing tasks with a high degree of comprehension. Students use more complex language structures in reading and writing activities and also practice spoken language by engaging in conversations and story telling. The culture of the Spanish-speaking world will continue to be explored. Students will be expected to achieve proficiency at the “intermediate low” level or higher in listening and speaking and the “intermediate mid” level or higher in reading and writing. This means that they can write and speak using sentences on a variety of topics that provide many details. They also can write essays in Spanish using organized thoughts in the present, past, and future tenses. Compound tenses and advanced grammar will be added in this course in preparation for college coursework.

443 SPANISH 5 or 442 SPANISH 6**Credit 1**

Prerequisite: Spanish 4/5
Grade Level: 12

This course offers students the opportunity to continue to advance in their Spanish language skills by participating in class activities as well as working individually at times to acquire all four skills in the language. In addition to regular practice in the whole class setting, the students will be studying advanced grammar topics in small groups with the teacher to prepare them for college work. Students will be expected to demonstrate proficiency at the “intermediate mid” level or higher on a greater variety of topics than in Spanish 4 in listening, speaking, reading, and writing. Students will meet with the teacher regularly to discuss their progress in addition to turning in detailed reports of what they have accomplished, studied, and learned. Students will be encouraged to take the proficiency test to earn a Seal of Biliteracy Diploma.

HEALTH AND PHYSICAL EDUCATION

601 INTRODUCTION TO PE/HEALTH

Credit - 1

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, pickleball, softball, soccer, speed-a-way, table tennis, volleyball, and wiffle 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. 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.

612 LIFETIME SPORTS AND FITNESS

Credit - 1

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.

614 WOMENS 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.

MATHEMATICS

311 GEOMETRY

Credit - 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.

301 ALGEBRA 1

Credit - 1

Prerequisite: Geometry
Grade Level: 9-10-11-12

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

321 ALGEBRA 2

Credit - 1

Prerequisite: Algebra 1
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.

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 -1

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.

355 INTRODUCTION TO STATISTICS/PROBABILITY

Credit - 1

Prerequisites: Algebra 1, Algebra 2
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 and probability designed to acquaint students with the general ideas and language. 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.

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.

354.1 PERSONAL FINANCE II

Credit -1

Prerequisites: Algebra 1, Algebra 2 (or Alg.2 concurrently)
Grade Level: 11-12 (Grade 12 will get first choice)

Foundations in Personal Finance is a comprehensive course designed to provide students with sound financial knowledge. It covers a wide range of topics, from budgeting basics to investing and retirement. Each chapter or unit is designed to equip students with practical skills and knowledge to navigate the financial world including standards for graduation requirements of the Michigan Merit Curriculum.

MUSIC

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

211 BIOLOGY

Credit - 1

Grade Level: 9 (*Required Course*)

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.

232 INTEGRATED SCIENCE

Credit - 1

Grade Level: 9-10-11-12

Integrated Science introduces basic concepts of scientific inquiry, physical science, earth and space science, and environmental science. We will use an interdisciplinary approach to learn basic skills and concepts that will prepare students for their upper-level science courses. This course satisfies the physical science requirement for graduation. This course is designed for 9th and 10th grade students, but is open to 11th and 12th grade students with instructor or administrator permission.

221 CHEMISTRY

Credit - 1

Prerequisite: Algebra 1 (Algebra 2 is advised to be taken as a parallel or previous course)
Grade Level: 10-11-12

This course covers the qualitative and quantitative aspects of scientific measurement, the nature of matter, gasses, liquids and solids, energy, atomic theory, properties of elements, chemical bonding, molecular structure and properties, stoichiometry, thermochemistry, and solutions. Lab work will be emphasized. Mathematics will be stressed.

225 ADVANCED PLACEMENT CHEMISTRY

Credit - 1

Prerequisites: Successful completion of Chemistry with at least a B average, or instructor permission.
Grade level: 11-12

AP Chemistry is an introductory college-level chemistry course. Students cultivate their understanding of chemistry through inquiry-based lab investigations as they explore the four Big Ideas: scale, proportion, and quantity; structure and properties of substances; transformations; and energy. The course material focuses on the following concepts: matter and measurement, atoms, molecules and ions, chemical reactions, stoichiometry, bonding, chemical equilibrium, acids and bases, oxidation-reduction reactions, thermochemistry, and organic chemistry. There will be a large emphasis on using mathematics in the analysis of experimental results and development of conceptual understanding and writing in-depth laboratory reports. Successful completion of the AP test at the end of the year may result in college credit.

231 PHYSICS

Credit - 1

Prerequisite: Must have passed Algebra and Geometry. Concurrently in Algebra II or higher.

Grade Level: 10-12

Physics is a study of the physical laws of the universe. It will include a study of kinetics, energy, wave action, light theory, electricity theory, and basic engineering concepts. Frequent applications of mathematics and laboratory studies are developed as tools of problem solving.

251 HUMAN ANATOMY AND PHYSIOLOGY

Credit -1

Prerequisites: C or better in Biology, and completion of one of the following: Integrated Science, Chemistry, or Physics

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. All students are expected to know the basic concepts of biology and chemistry as a prerequisite for this course. Upon completion of this course, students should understand the scope of studies in anatomy and physiology and be better prepared for further study in related areas.

261 HS STEM

Credit - 1

Prerequisite: Biology

Grade Level: 10-12

STEM introduces students to the four areas of Science, Technology, Engineering, and Mathematics through an interdisciplinary approach that will increase awareness, build knowledge, develop problem solving skills, and potentially awaken an interest in pursuing a career in STEM. In this course lessons are guided by the engineering design process. Students will define problems, conduct background research, develop multiple ideas for solutions, develop and create a prototype, and then test, evaluate, and redesign

them. Possible topics for investigations include, but are not limited to a Mission to Mars, Forensic Crime solving, and Solar and Energy Efficiency Exploration. *(May not be offered every year)*

SEMINAR

SEMINAR

Grade Level: 9-12

Seminar is a daily, shortened block that students utilize to improve upon their study skills/habits, and verbal/written communication skills. All students will be assigned a seminar section.

SOCIAL STUDIES

101 WORLD HISTORY AND GEOGRAPHY

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 AND GEOGRAPHY

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 - .5

Grade Level: 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. *(May not be offered every year)*

132 PRACTICAL LAW

Credit – .5

Grade Level: 11-12

Using concepts from Psychology, students will study aspects of law like crimes against property, crimes against people and criminal justice. *(May not be offered every year)*

142 CURRENT EVENTS

Credit - 1

(May not be offered every year)

262 BACK TO THE FUTURE

Credit - 1

Grade Level: 10 - 12

The goal for the class will be to cover topics in history that normally aren't covered or have been skimmed over. Topics will be far ranging and detail intensive. Topic examples include: history of the old west (gunslingers, bank robbers, mountain men, and Native Americans), Detroit Riots, OJ Simpson, Ruby Ridge, Waco, Texas & David Koresch, Oklahoma City Terrorist attack, Jim Jones & Jonestown Massacre, history of rap music, Hollywood movies that failed history and of course the details the 9/11 attacks, Osama bin Laden and the Special Forces who found him- just to name a few. . There is a personal side to history that school history books don't tell you. And that's what we will uncover during the year. *(May not be offered every year)*

WHITEFORD AGRISCIENCE/FFA COURSES

Possible Core Credits Earned

Zoology-	1 credit for 3 rd Science
Horticulture-	1 credit for 3 rd Science
Advanced Ag A (Rotating every other year)	
Advanced Ag B (Rotating every other year)	1 credit for 4 th 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: 9

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: 10th

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 Advanced Ag A (Rotating class)

Credit - 1

Grade Level: 11th or 12th

You must have completed Zoology and Horticulture before taking Advanced Ag A.

Advanced Ag A is a vocational agriculture class. Students will focus on the economic and business side of agriculture. Advanced Ag A class will focus on business principles 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 Advanced Ag A will be FFA members and will participate in FFA contests and events.

905 Advanced Ag B (Rotating Class)

Credit – 1

Grade Level: 11th or 12th

You must have completed Zoology and Horticulture before taking Advanced Ag B.

Advanced Ag B is a vocational agriculture class. Topics covered on the Advanced Ag B 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 Advanced Ag B will be FFA members and will participate in FFA contests and events.

VIRTUAL COURSES

Grade Level: 10-11-12

Credit – .5

*Students can take ONE virtual course on their schedule for the school year, unless with administration approval.

There are a wide variety of virtual courses offered at Whiteford Schools. Our virtual options include general electives, career, technical, and core subject courses. To view available courses please visit the Edmentum course catalog at <https://www.edmentum.com/course-catalog>

OTHER LOCAL CTE OPTIONS

(subject to change on a yearly basis)

TRANSPORTATION REQUIRED

Application required and placement is not guaranteed

Bedford

- **Drafting/Design Technology**
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
- **Radio and TV Broadcasting**
- **Computer Programming/Programmer**
- **Digital/Multimedia and Information Resources Design**
- **Computer and Information Systems Security**
- **Accounting**

Michigan College of Beauty

- **Cosmetology**

Monroe ISD

- **Law Enforcement & Local Corrections - Grade 11-12 with recommendations**

MCCC

- **Mechatronics - Grade 11-12**
Mechatronics is a multidisciplinary field that refers to the skill sets needed in the advanced automated manufacturing industry and is found at the intersection of mechanics, electronics, and computing.

IDA

- **Welding, Brazing and Soldering**

Dundee

- **Firefighting 1 and Firefighting 2 - Grade 11-12 with recommendations**

- **Emergency Medical Technician (EMT) - Grade 11-12 with recommendations**

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 course taken through Lourdes University that is offered on-site at Whiteford High School. 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 a claim against the student and/or his/her parents in Small Claims Court for collection.