

WHITEHALL HIGH SCHOOL

Home of the

VIKINGS

Curriculum Guide 2020-2021

Mission Statement

Whitehall District Schools, in partnership with parents and the community, are committed to help each child become a literate, caring, and contributing member of our world; accomplished through experiences in academics, the arts, athletics, and co-curricular programs. Our mission is achievement for each learner.

At Whitehall High School we are working to develop students who are actively aware of the needs of the world and their responsibility to help meet those needs. Our methods include a careful challenge for each student to make right relationships, a curriculum to prepare students to be problem-solvers, and an atmosphere where each student can be a significant contributor to the educational process.

It is the policy of Whitehall District Schools that no person shall, on the basis of race, color, national origin, sex, age or disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination during any program or activity.

This scheduling handbook is designed to assist the student, parent, and counselor in developing an appropriate schedule of classes for the school year. Although there will be a number of individual questions which remain unanswered by this handbook, it is hoped that many mistakes and future problems can be prevented through its use.

TABLE OF CONTENTS

SELECTING COURSES 3

GRADUATION REQUIREMENTS 4

CLASS RANK 4

ACADEMIC HONORS AND GRADING POLICY 5

POLICY ON EARLY GRADUATION 5

TESTING OUT 5

HOMEBOUND POLICY 6

NCAA ELIGIBILITY..... 6

POST-SECONDARY ENROLLMENT OPTIONS ACT (Dual Enrollment) 7

WEB BASED OPTIONS FOR HIGH SCHOOL CREDIT..... 7

EDUCATIONAL DEVELOPMENT PLAN 8

MICHIGAN EMPLOYABILITY SKILLS PROFILE..... 8

CAREER PATHWAYS..... 8-15

COURSES OFFERED BY DEPARTMENT 17

ART 18

ENGLISH 19

FOREIGN LANGUAGE 20

INDUSTRIAL TECHNOLOGY 21

MATHEMATICS 22

MUSIC 23

PHYSICAL EDUCATION..... 24

SCIENCE 25

SOCIAL STUDIES 26

OTHER COURSES 27

SPECIAL EDUCATION / VOCATIONAL COURSES (SHARED TIME) 28

MUSKEGON COUNTY CAREER TECH CENTER 29

SELECTING COURSES

COURSE SELECTIONS

When a student selects a schedule for the school year, he/she should use care and deliberation, as the master schedule is built around student choices. Schedule changes result in delaying the educational process and an imbalance (teacher/student ratio) in courses. Limited changes will be allowed during the first week of school.

Ordinarily, a student is expected to enroll in six (6) class hours each day. Either principal or counselor must approve exceptions to this. The following are some exceptions:

1. Participation in the Vocational Programs (Juniors & Seniors).
2. Participation in the "Dual Enrollment Program" (See page 7 for further details).

ACADEMIC DIFFICULTY

Students and/or parents are urged to view the parent internet viewer to stay current with their student's grades. If problems occur, it is recommended that you contact the teacher to address the concern. *Please refer to our website www.whitehallschools.net for more up-to-date information on your student's grades and attendance.*

ALTERNATES

Each student is required to select 3-4 alternate courses to be used in case a primary choice can't be scheduled. As much care should be used in selecting alternates as in selecting primary offerings.

SUMMER SCHOOL

Summer school credit, for required courses only, is made available to those students who have failed to obtain credit through the regular school year. Enrollment and tuition are the responsibility of each student through White Lake Community Education at 893-0515.

RETAKEING A CLASS

A student who fails a required class must retake that class and earn a passing grade in order to meet graduation requirements. If the class that is retaken earns a passing grade, the former "F" grade will be changed to "N" and will not be reflected in the cumulative GPA.

A student also has the option of retaking a class for better understanding of the subject and/or for a better grade. If the original grade was below a B-, the improved grade will then replace the previous grade on the student's transcript and be part of the cumulative GPA.

SPECIAL EDUCATION SERVICES

Whitehall High School provides a continuum of services for students who are eligible for Special Education Services. Programs range from consultant services to classroom programs on a part to full time basis. Students must be evaluated to qualify for special services according to the State of Michigan guidelines. Parents who suspect their child is in need of special education services should contact the counselor or the principal for more information.

GRADUATION REQUIREMENTS

Course Required	Credits Required
English	4.0
Math	4.0
Science	3.0
Social Studies	3.0
World Language	2.0
Health	.5
Physical Education	.5
Visual/Performing Arts	1.0
Electives	4.0
Total	22.0

**Transfer students from other high schools will be given individual consideration concerning the courses required for graduation.

FINAL CLASS RANK

Determination of final class rank will be made at the conclusion of the first semester of the senior year.

During the commencement program, students with a 3.50 or higher will be recognized accordingly with honor cords. This is determined at the end of the first semester. If a student qualifies for an honor cord at the end of the last semester, and brings this to our attention, we will issue one. This does not guarantee it will appear in the graduation program.

Cords will be given based on the following scale:

1 Cord	3.50 – 3.79	Cum Laude
2 Cords	3.80 – 3.99	Magna Cum Laude
3 Cords	4.00 +	Summa Cum Laude

W.H.S. ACADEMIC HONORS AND W.H.S. GRADING POLICY

HONOR ROLL - Students who maintain a minimum 3.0 GPA are placed on the honor roll each semester. All graded subjects are included in this average. Courses with "CR" are not included.

HIGH SCHOOL HONORS – In order to be considered as a "Distinguished Honor Graduate", a student must have attended Whitehall High School for *six consecutive semesters* including the first term of his/her senior year. Students who maintain a 4.0 GPA, take 2 AP Classes and score 1200 or higher on the SAT will be considered as a "Distinguished Honor" Graduate.

NATIONAL HONOR SOCIETY - The William D. Monroe Chapter of the National Honor Society was chartered on January 20, 1955, to stipulate the high ideals of scholarship, leadership, service and character. To be eligible for membership, a student must have a 3.50 GPA at the end of the sophomore or junior year, and be rated as superior in the areas of leadership, service and character by the entire faculty. The final decision on membership is made by the faculty council, consisting of five appointed staff members.

The faculty and administration feel that membership in the National Honor Society is the highest award the school can give. The characteristics needed exemplify the ideals of secondary education.

POLICY ON EARLY GRADUATION

Four school years of attendance are required for graduation except in special cases. The procedure for special cases is as follows:

1. A parent or guardian expresses, in writing, the student wants to graduate early. This should be done by *May 15th prior to their Junior year.*
2. Student and parents request an interview with the principal and counselor.
3. Each case reviewed by committee of three teachers, counselor, and principal. Principal, counselor and student will select teachers.
4. The student must have successfully completed all required courses at the time of graduation as specified under graduation requirements.
5. The student must have earned sufficient credits at the time of graduation specified under graduation requirements.
6. Each case will be presented to the Superintendent for approval.
7. Seniors may request a diploma and be released from high school after the first semester if all requirements have been met, but these students will not be allowed to participate in end of the year ceremonies (commencement, etc.)

TESTING OUT

Students are allowed to "test-out" of a class only if they apply for this option by May 15th. Applications are available in the Student Services Office. *The student will be able to pick up materials the first Monday of summer vacation.* **The student must contact the principal by August 15th to arrange testing. The Test must be completed prior to the start of the following school year. Please see your counselor for more details.**

HOMEBOUND POLICY

Homebound services are provided by Whitehall High School to students who are unable to attend school due to a medical condition. Students become eligible for homebound services when the high school counseling office receives a note from a physician or hospital that indicates a medical condition that will cause the student to miss at least five consecutive days of school. Upon receiving this notification, Whitehall High School will make arrangements for homebound services to begin as soon as possible. The district utilizes certified teachers to instruct students receiving homebound services. It is important to note that these are services designed to help the classroom teacher(s) communicate with the student while away from school. It is NOT the purpose of these services to replace the public school classroom teacher or provide payment for nonpublic school programs housed in hospitals or treatment facilities. Homebound services should not be indefinite. It is expected that students will be back in school as soon as they are physically able.

**Pregnancy is not considered an illness by "Homebound" guidelines. Pregnant students will not be granted homebound status unless their physician specifies a complication that requires the student to be out of school. Parents must contact the building principal to arrange a reasonable period of time away from school before and after the delivery.

NCAA ELIGIBILITY REQUIREMENTS

Many college athletic programs are regulated by the National Collegiate Athletic Association (NCAA), an organization founded to establish rules on eligibility, recruiting, and financial aid. The NCAA has three membership divisions - Division I, Division II, and Division III. Institutions are members of one or another division according to the size and scope of their athletic programs and whether they provide athletic scholarships. If you would like to contact NCAA, write to: P.O. Box 6222, Indianapolis, Indiana, 46206, or www.ncaaclearinghouse.org or call NCAA at 317-917-6222.

Students who are planning to enroll in college as freshmen and wish to participate in Division I or Division II athletics MUST BE CERTIFIED by the NCAA Initial-Eligibility Clearinghouse. To be certified: (Begin the following process before your senior year)

1. Take the A.C.T. or S.A.T. College Admissions Tests - use code 9999 to have your scores sent to the Clearinghouse. NCAA will not accept scores if they are not sent directly from ACT or SAT Collegeboard.
2. Eligibility is based on the "Division I Core GPA and Test Score Sliding Scale. (See your counselor or www.ncaaclearinghouse.org) You can take the tests more than one time if you fail to earn the minimum score.
3. Grade point average will be based on the following CORE CURRICULUM OF 16 ACADEMIC COURSES taken during grades 9-12.

<u>11 CORE UNITS</u>	<u>CORE UNITS</u>	<u>4 CORE UNITS</u>
4 years of English 2 years of natural/physical science (min1 lab class) 2 years of social science 3 years of math- at the level of Algebra or above	1 year of additional core from English, math, or natural/physical science	4 years of additional core from English, math, natural/physical science, social science, foreign language, philosophy, or non-doctrinal (e.g. comparative) religion

4. Complete the Student Release Form, including the amateurism portion and send, with the required fee of \$50, to the NCAA Clearinghouse. This is all done online at www.ncaaclearinghouse.org.
5. Graduate from high school. A preliminary certification will be issued for a student who appears to meet NCAA requirements but final certification will be issued after the Clearinghouse receives and reviews the student's final transcript, including proof of graduation. The official transcript must be mailed out by Whitehall.

POSTSECONDARY ENROLLMENT OPTIONS ACT

(Dual Enrollment)

A student may become dually enrolled, i.e. attend college while enrolled at Whitehall High School, under the following guidelines:

- The student must take the PLAN test, PSAT test or all of the Michigan Merit Exam and receive state endorsement in the subject areas in which the student wishes to enroll.
- In the case of Career or Technical classes, the student must take the PLAN test, PSAT test or all of the Michigan Merit Exam, receive a state endorsement in Math, and receive a qualifying score on a department recognized national or industry job skills assessment
- In the case of a student wishing to enroll in a content area for which there is no endorsement on the Michigan Merit Exam, such as philosophy, sociology, anthropology, or computer science, all sections of the Michigan Merit Exam must be taken, or the PLAN or PSAT test. No specific endorsement is needed.
- Student must meet college placement standards.

If a student meets one of the 3 previous requirements then he/she may take a college course as long as its equivalent is not offered at the high school and it is not in the subject matter of hobby-craft, physical education, theology, divinity or religious education. The student may also enroll in a college course for a subject that is offered by the high school but not available due to a scheduling conflict. Class must take place during the school year.

Dual enrollment students are responsible for understanding and utilizing the policies and procedures of the college. This includes, but is not limited to, registration, deadlines, placement testing, and counseling appointments.

Once a student has determined his/her qualification, the following procedures need to be followed:

1. The college course selected must be agreed upon by the student, parents, and designated school official **before** enrollment. A signed form will be used as proof of agreement and a copy of the form will be sent to the college for registration. The district will be billed for tuition and fees.
2. Transportation will be the responsibility of the student.
3. The college course may be taken for college credit and/or high school credit. However, some major universities will not grant credit for those courses that were taken for high school credit.
4. Upon completion of the course, the student will present his/her report card as evidence of attendance and successful completion of the course. ***If student fails the course or drops after the date for reimbursement, the student is responsible for any tuition and/or fees the district has paid.***
5. Consistent attendance must be maintained at both the high school and college.
6. The diploma will be withheld until this is paid.
7. The student is responsible to be aware of any drop and add deadlines.

receive the letter grade earned in these classes on their transcript and they will be calculated into the GPA.

Viking Virtual

All Whitehall High School students have the option to complete their coursework 100% virtually or a hybrid of face-to-face classes and virtual learning. We use three different platforms for virtual learning. Viking Virtual (www.micourses.org) are courses that are monitored by Whitehall High School teachers. Students will be required to check in weekly and complete assignments. Michigan Virtual (www.micourses.org) is used for more challenging courses such as AP or electives that Whitehall High School does not offer. The students will be assigned to a mentor within the Michigan Virtual system. Edgenuity (www.edgenuity.org) courses are for credit recovery and more basic electives. All virtual classes will receive a letter grade and calculated into the student's GPA and transcript.

-7-

EDUCATIONAL DEVELOPMENT PLAN (EDP)

An EDP is a plan that students create to show their interests, abilities, high school courses, career possibilities, post-high school education options, and goals. The purpose of the EDP process is to help students think about their future, determine their focus, and develop a plan for achieving personal goals. In our district, we utilize XELLO, an internet-based program that provides the resources and tools for thinking about all of these areas and it automatically creates an EDP as students work with the program. Parents and students are encouraged to visit and update their XELLO plan often. Go to the student's Powerschool account and click on the link at the top right of the page.

MICHIGAN EMPLOYABILITY SKILLS PROFILE <i>Skills Michigan Employers want now and for the future</i>
--

ACADEMIC SKILLS

The skills that help prepare you for your future. They include communication, planning, understanding, problem solving. Examples:

- Read and understand written material
- Use specialized knowledge to get the job done
- Understand basic math
- Use math to solve problems
- Use research/library skills
- Use tools and equipment
- Speak and write in the language in which business is conducted
- Use scientific method to solve problems
- Use specialized knowledge to get the job done

PERSONAL MANAGEMENT SKILLS

The skills that help you develop responsibility and dependability include setting and accomplishing goals, doing your best, making decisions, acting honestly and exercising self-control. Examples:

- Attend school/work daily and on time
- Meet school/work deadlines
- Know strengths/weakness
- Demonstrate self-control
- Pay attention to details
- Follow written and oral instructions and directions
- Work without supervision
- Learn new skills
- Identify and suggest new ways to get the job done

TEAMWORK SKILLS

The skills that help develop your ability to work cooperatively with a group include organizing, planning, listening, sharing, flexibility, and leadership. Examples:

- Actively participate in a group
- Know the group's rules and values
- Listen and express ideas to other group members
- Be sensitive to the group member's ideas or views
- Be willing to compromise to best accomplish the goal
- Be a leader or follower to best accomplish the goal
- Work in changing settings and with people of differing backgrounds.

CAREER PATHWAY OPTIONS

The curriculum for the Career Pathways is illustrated on pages 9-16 of this guide. Career Pathways are broad groupings of careers that share similar characteristics and provide opportunities for all students. Following a career pathway makes it easier for you to identify choices and can help you develop a plan on how to prepare for your chosen career interest area and help make connections between school and work. The State of Michigan divides Career Pathways into six categories:

Arts & Communications Pathway: offers careers related to the humanities, as well as performing, visual, and literary media areas. The student might demonstrate good writing skills; play a musical instrument; entertain others through singing or acting; seek opportunities for self-expression with various media; deliver oral reports or speeches well.

Business, Management, Marketing & Technology Pathway: Careers in this pathway are for students who are interested in the real world marketplace of ideas, products and people. Strong communication and interpersonal skills and some of the following personal characteristics indicate this may be a good choice; demonstrate good skills in math; comfortable asking others to buy fundraising products; enjoys being a leader; can easily use computer programs; enjoys planning events for school, church or neighborhood.

Engineering/Manufacturing & Industrial Technology Pathway: Careers in this pathway relate to the various skills necessary to design, develop, install and maintain physical systems. Understanding and working with tools, equipment, and other kinds of technology is important to people who choose this pathway. The student is interested in matching their academic and problem-solving skills with hands-on learning.

-8-

Health Science Pathway: These careers relate to the promotion of health as well as the treatment of injuries and disease. Students should be interested in health issues; demonstrate ease when working with people; be interested in learning how the body works and care about the well being of people and/or animals.

Human Services Pathway: Students choosing this pathway should be interested in interacting with people and helping them solve their problems and/or learning new skills. These careers are related to economic, political and social systems.

Natural Resources & Agriscience Pathway: Careers in this pathway are related to agriculture, the environment and natural resources. Students may be interested in working outside in various weather conditions, and demonstrate interest in the care of the environment, nature and animals.

CAREER PATHWAYS

Educational Development Plan
4-Year Planning Guide with Graduation Requirements

<u>9th Grade Schedule</u>	<u>Credit</u>	<u>10th Grade Schedule</u>	<u>Credit</u>
ENG English 9	1.0	ENG English 10	1.0
MTH Algebra/Geometry	1.0	MTH Geometry/Algebra 2	1.0
SCI Biology	1.0	SCI Biology/Chemistry	1.0
SOC World History	1.0	SOC US History	1.0
Electives	2.0	Electives	2.0
ELECTIVE* World Language _____		ELECTIVE* World Language _____	
ELECTIVE* _____		ELECTIVE* _____	
ELECTIVE* _____		ELECTIVE* _____	
ELECTIVE* _____		ELECTIVE* _____	
*See Suggested Electives		*See Suggested Electives	

<u>11th Grade Schedule</u>		<u>Credit</u>	<u>12th Grade Schedule</u>		<u>Credit</u>
ENG	Eng 11	1.0	ENG	Eng 12/AP Eng	1.0
MTH	Math	1.0	MTH	Math	1.0
SCI	Science	1.0	SOC	Government/Economics	1.0
	Electives	3.0		Electives	3.0
ELECTIVE* _____			ELECTIVE* _____		
ELECTIVE* _____			ELECTIVE* _____		
ELECTIVE* _____			ELECTIVE* _____		
ELECTIVE* _____			ELECTIVE* _____		
ELECTIVE* _____			ELECTIVE* _____		
*See Suggested Electives			*See Suggested Electives		

Additional Graduation Requirements:

.50 Credit Physical Education / .50 Credit Health
 1.0 Credit visual, performing or applied arts*
 *(Industrial arts, art, music, or Career Tech)

ARTS & COMMUNICATIONS

Are you a creative thinker? Are you imaginative, innovative, and original? Do you like to communicate ideas?
This may be the career path for you!!

SAMPLE OCCUPATIONS FOR FINE ARTS & COMMUNICATIONS MAJORS

<i>LITERARY ARTS</i>	<i>MEDIA ARTS</i>	<i>PERFORMING ARTS</i>	<i>VISUAL ARTS</i>	
Professional Pathway				
Author Poet Newspaper Reporter Editor/Journalist Technical Writer Languages	Film Electronic Mail Specialist Radio/TV Broadcaster Fiber Optics Specialist Graphic Artist Web Page Designer Advertising	Actor/Actress Composer Music Conductor Music Teacher Choreographer Dancer Art Director	Producer/Director Music Therapist Pro Athlete Production Manager Stage Manager Conductor Musician	Painter Photographer Sculptor Illustrator Set Designer Cartoon/Animator Fashion Artist
Technical Pathway				
Author Poet Newspaper Reporter Editor Technical Writer	Graphic Artist Colorist Illustrator Press Operator Layout Planner Darkroom Technician Fashion Design Technician Computer Graphic Technician	Actor/Actress Studio Composer Sound Engineer Director's Assistant Accompanist Dancer	Merchandise Display Painter Photographer Furniture Designer Illustrator Set Decorator Floral Designer	

***Suggested Pathway Electives**

Band Choir Foreign Language Intro to Art Photo Imaging Drawing and Painting Ceramics/Sculpture	Yearbook Creative Writing British/World Literature Digital Design Business Services Technology Woodworking Psychology	Theater Appreciation Desktop Publishing Commercial Art Graphic Arts
--	---	---



BUSINESS MANAGEMENT, MARKETING & TECHNOLOGY

Do you enjoy being a leader, organizing people, planning activities and talking? Do you like to work with numbers or ideas?
 Do you enjoy carrying through with an idea and seeing the end product? Do you like things neat and orderly?
 This may be the career path for you!

ACCOUNTING/ FINANCE	COMPUTER INFO SYSTEMS	MARKETING	BUSINESS ADMIN.
--------------------------------	----------------------------------	------------------	------------------------

Professional Pathway				
Accountant Buyer Economics Loan Officer Analysis Consultant Financial Analyst/Manager	Auditor Controller Stock Broker	Program Designer Supervisor Computer Software Systems Design Data Processing Systems Analyst Computer Networking	Account Executive Advertising Director Automobile Dealer International Manager Manufacturing Rep. Wholesale Mgr. Entrepreneur Agency Mgr Lobbyist/ PR Retail Mgr	Administrative Asst. Clerical Supervisor Adm. Service Mgr. Business Manager Human Resources Lawyer Purchasing Hotel Mgr

Technical Pathway			
Bill Collector Asst. Accountant Loan Officer Bank Teller Credit Analyst Bookkeeper Claims Adjuster	Computer Operator Data Entry Technician Data Processing Assistant Microcomputer Applications Clerk Computer Programmer Office Machine Operator	Advertising Agent Assistant Buyer Insurance Adjuster Stock Clerk Copywriter Telemarketing	Auto Salesperson Real Estate Agent Entrepreneur Media Buyer Asst. Manager Data Entry Cashier Court Reporter Audit Clerk Payroll Clerk Receptionist Shipping/Receiving Clerk

***Suggested Pathway Electives**

BST
Accounting
Digital Design
Algebra 2

Desktop Publishing
Photo Imaging
Psychology
Statistics
Trigonometry

Career Tech Center:
 Internet, Network & Security Technologies
 Financial Management/Accounting
 Marketing/E Commerce
 Restaurant, Catering, Culinary
 Management



ENGINEERING/MANUFACTURING & INDUSTRIAL TECHNOLOGY

Are you mechanically inclined and practical? Do you like reading diagrams and blueprints, and drawing building structures?
Are you curious about how things work? This may be the career for you!

SAMPLE OCCUPATIONS FOR ENGINEERING/MANUFACTURING & INDUSTRIAL TECHNOLOGY

BUILDING CONSTRUCTION		MANUFACTURING TECHNOLOGY		TRANSPORTATION	
Professional Careers					
Civil Engineer Electrical/Electronics Systems Engineer Energy Systems Engineer Building Superintendent Building Contractor	Industrial Engineer Architect Building Surveyor Estimator Building Inspector	Manufacturing Engineer Agricultural Engineer Quality Control Engineer Production Tech Engineer Design Engineer (CAD) Biomedical Engineer	Aeronautical Engineer Die/Mold Engineer Plastics Engineer Automotive Engineer Chemical Engineer	Aeronautical Engineer Auto Mechanic/Master Marina Owner/Mgr. Automotive Design Heavy Machine Mgr.	Auto Engineer Fleet Manager Aerospace Person. Auto Service Mgr. Aircraft Pilot
Technical Careers					
Building Contractor Carpenter/Furniture Maker Structural Steel Wrkr Brick/Cement Mason Plaster/DryWall Installer Painter/Finisher Drafter	Plumber Interior Decorator Energy Technician Tile/Floor Installer Architectural Drafter Estimator Fire Protection	Precision Machinist Industrial Welder Machine Maint. Tech. Plastics Technician CAD Operator Electrical Technician	Model Maker Tool & Die Mater Machine Design App. Quality Control Industrial Designer Mechanical Tech	Aircraft Mechanic Auto Body Tech. Commercial Boat Oper Heavy Equip/Truck Mechanic Locomotive/Railway Operator Air Traffic Controller	Flight Engineer Motorcycle Mech Aeronautical Tech Airplane Pilot Delivery Route Driver Commercial Boat Operator

***Suggested Pathway Electives**

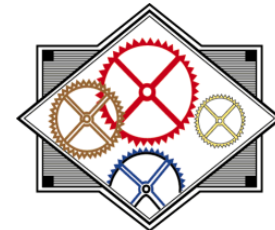
Algebra 2
Foreign Language
Calculus
Chemistry
AP Chemistry
Physics

Woodworking
Business Services
Biology
Statistics

Career Tech:

Auto Service Tech
Machine Tech
Autobody Tech
Architectural/Mechanical CAD

Construction Trades
Electrical/Electronics Tech
Welding
Heating/Ventilation &
Air Conditioning



HEALTH SCIENCES

Do you like to care for people or animals that are sick or help them stay well?
Are you interested in diseases and in how the body works? This may be the career path for you!

SAMPLE OCCUPATIONS FOR HEALTH SCIENCES

<i>Professional Careers</i>			
Audiologist Hospital Administrator Pharmacist Physical Therapist Nursing Home Administration	Registered Nurse Physician Ophthalmologist Speech Pathologist Midwife	Dentist Psychiatrist Athletic Trainer Health Educator Physician Assistant	Radiologist Paramedic Dietician Veterinarian Chiropractor Occupational Therapist
<i>Technical Careers</i>			
Testing Technician Dental Lab Technician Dental Hygienist Medical Assistant Paramedic	Certified Nursing Assistant Veterinary Technician EMT Optician	Medial Records Technician Operating Room Technician Medical Technologist Nuclear Medicine Technologist Radiology Therapy Technician	Psychiatric Technician EKG Technician LPN Physical Therapy Assistant

*Suggested Pathway Electives

Sociology
Psychology
Algebra
Chemistry
Statistics

[

Physics
AP Biology
AP Chemistry
Fitness/Wellness
Peer Assistance

Career Tech:
Health Services – Nursing Aide
Rehab Tech



HUMAN SERVICES

Are you friendly, open, outgoing, understanding, and cooperative? Do you like to work with people to solve problems?
Is it important to you to do something that makes things better for others? This may be the career for you!

SAMPLE OCCUPATIONS FOR HUMAN SERVICES

<i>Professional Careers</i>			
Preschool Teacher Recreational Supervisor Pastor/Minister Early Childhood Educator Mortician Home Care Supervisor Lawyer/Judge	Concierge Convention Director Conference Manager Food Services Manager Hotel/Motel Manager Chef Librarian	Public Health Educator Pest Control Officer State Police Commander Corrections Officer Security Director Coach/Counselor Psychologist	Teacher K-12 Learning Resources Director College Instructor/Professor Florist Social Worker Hazardous Materials Officer Urban Planner

<i>Technical Careers</i>			
Pre-school Aide Nanny Nursing Home Worker Cosmetologist Recreational Worker Make-up Artist/Barber Postal Clerk/Mailman	Asst. Motel Manager Baker/Butcher Maintenance Worker Travel Agent Cruise/Tour Director Asst. Restaurant Manager Caterer	Public Health Inspector Police Officer Fire Inspector Water Purification Technician Armed Forces Fire Science Technician Social Director/Caseworker	Teaching Assistant Waiter/Waitress Paraprofessional Secondary Aid Research Assistant Dispatcher Flight Attendant

*Suggested Pathway Electives

Sociology
 Psychology
 Foreign Lang.
 Fitness/Wellness
 Self Discovery
 BST

Algebra
 Chemistry
 Biology
 Peer Assistance

Career Tech:
 Health Services – Nursing Aide
 Early Childhood Development
 Public Safety/Protective Services
 Cosmetology
 Restaurant, Culinary & Catering
 Management
 Rehab Tech



NATURAL RESOURCES/AGRISCIENCE TECHNOLOGIES

Are you a nature lover? Are you practical, curious about the physical world and interested in plants and animals?
Do you like to be physically active? This may be the career path for you!

SAMPLE OCCUPATIONS FOR NATURAL RESOURCES

<i>Professional Careers</i>			
Agronomist Astronomer Biochemist Chemist Oceanographer Landscape Architect	Agricultural Ext. Agent Conservation Officer Gardens Manager Fish/Wildlife Specialist Naturalist Botany	Food Scientist Animal Scientist Conservation Geologist Farm Production Manager Forester Soil Conservation	Horticulturist Marine Biology Geneticist Physicist Zoologist Landscape Architect
<i>Technical Careers</i>			
Biological/Agricultural Technologist Landscape Gardener Nursery Worker Diver Animal Protection	Agricultural Technician Asst. Farm Manager Fish & Wildlife Worker Vet Assistant	Forestry Technician Grounds Keeper Machinery Sales Animal Groomer	Pest Control Worker Weather Observer Oceanography Assistant Food Processing Worker

***Suggested Pathway Electives**

Sociology
Psychology
Foreign Lang.
Fitness/Wellness
BST
AP Biology

Algebra
Chemistry
Biology
Physics

Career Tech:
Auto Body Technology
Auto Service Technology
Landscape/Greenhouse Management



**COURSES OFFERED BY DEPARTMENT
2020-21**

Arts (Visual/Performing Applied Art)	Industrial Technology (Applied Arts)	Muskegon Career Tech Center
<p><u>ART</u></p> <p>Intro to Art I 18 Drawing & Painting I 18 Photography 18</p> <p><u>MUSIC</u></p> <p>Band 23 Concert Choir 23 Chamber Ensemble 23</p>	<p>AMT 21 CAD 1 21 CAD 2 21</p>	<p>Allied Health Tech 32 Auto Collision/Refinishing Auto Service Technology Bio Medical Engineering Computer Aided Design Construction Trades Cosmetology Criminal Justice Electrical/Computer Tech Environmental/Vet Sci Graphic Production Tech Health Science Academy Hospitality and Tourism Internet/Network/Security Tech Machine/Engineering Tech Visual Communications Welding Technologies</p>
English	Physical Education	
<p>Reading 9-10 19 English 9 19 English 10 20 English 11 20 English 12 20 AP English Language 20 AP English Literature 20 Greek Mythology 20</p>	<p>Health 24 Physical Education 24 Sports Discovery 24</p>	
	Mathematics	
	<p>Algebra 22 Geometry 22 Algebra 2 22 Pre-Calculus 22 Personal Finance 22 AP Calculus 22</p>	
World Language	Social Studies	Science
<p>Spanish I 21 Spanish 2 21</p>	<p>World History 27 U.S. History 27 Government 27 Economics 27</p>	<p>Biology 25 Anatomy/Physiology 26 Field Science 26 Chemistry Essentials 25 Chemistry Honors 25 Physics Essentials 25 Physics Honors 25 AP Chemistry 26 AP Environmental Science 26</p>
		Special Education
		<p>Inclusion 32 Intervention Resource Room Social Study Study Skills Math Transition Community Based Instruction</p>
		Other
		<p>Guided Academics 27 Internship 27</p>

ART (Arts and Communications)

The Art Department is designed to help interested students translate ideas and feelings into visual form. The department tries to exert an influence in making students more sensitive to things they see, use and create. Art provides an opportunity for students to express in visual form their personal and changeable feelings by using various methods and techniques. These courses prepare students for college courses in art and also for careers in Commercial Art, Fine Art and Art Education. These art courses will help develop knowledge of the history of art and also art appreciation.

INTRODUCTION TO ART I – 9-12/ Elective/1 Semester

This course is an introduction to various kinds of art, as well as a study of why and how people create art. Art experience is helpful, but not required. Students will study 2D and 3D art elements. Principles of design, composition, and craftsmanship will be stressed in all work. A sketchbook is required for this class.

DRAWING & PAINTING I – 9-12/Elective/1 Semester/Prereq:“C-“ Intro to Art I

Students will study two-dimensional design and composition using a large variety of materials such as: pencil, charcoal, pastels, ink, watercolor, tempera, and acrylic. The work of other artists will be studied. Students will become proficient with color theory.

PHOTOGRAPHY-11-12/ Elective/1 Semester/Prereq: “C-“ in Intro to Art I and teacher OK

This class is designed for students who wish to become proficient in the technical and creative aspects of the photographic medium. Students will learn how to use the camera, how to process film, how to print black and white photos, and use an enlarger. Digital photography will also be explored. Students will learn to import, change, and create art using various computer assisted art methods.

ENGLISH (Arts and Communications)

READING 9-10– 10/.50 credit/1 Semester Course/English Credit

This course is a reading intervention class that targets foundational phonemic awareness, language, memory, attention, processing and sequencing skills to strengthen and advance students' reading levels. This course utilizes an online program called Fast ForWord which starts with cognitive skills such as memory, attention and processing speed and works from the bottom up, using the principles of neuroplasticity and extensive brain research. Fast ForWord aims to remediate the underlying difficulties that keep struggling readers from making progress. In addition to the online content, students will engage in reading/discussing whole class novels and participate in other activities to promote literacy.

ENGLISH 9 – 9/Required/1 credit/Full Year Course

English 9 challenges students with a variety of experiences. Students are exposed to short stories, non-fiction real world articles, novels, poetry, grammar, and SAT preparation. Students read one (class novel) per semester along with many choice novels. As early as the first week of school, students will be selecting novels of their choice to read. This averages out to about one choice novel per month each student is required to read. Students will also be utilizing a writer's notebook that will focus on many different writing assignments including: poetry, narrative writing, argument writing, and informative writing.

The 9th grade curriculum encourages students to improve their listening, speaking, writing, and reading skills while integrating technology in the classroom. Students will gain these educational skills through group discussions, technology use, independent projects, oral presentations, and a strong focus on reading, writing, and grammar.

ENGLISH 10 – 10/Required/1 credit/Full Year Course

This required course is designed to continue the development of language arts skills in reading, writing, speaking, listening, and organizing. Reading selections will focus on various genres, including autobiographies, memoirs, classical literature, contemporary literature, poetry, and nonfiction. Writing genres will include narrative, argumentative, expository, and various formal and informal journals designed to promote writing as a process over time.

ENGLISH 11 – 10-11/Required/1 credit/Full Year Course

This required course is designed to continue the development of language arts skills in reading, writing, speaking, listening, and organizing. Reading selections will focus on various genres, including autobiographies, memoirs, classical literature, contemporary literature, poetry, and nonfiction. Writing genres will include narrative, argumentative, expository, and various formal and informal journals designed to promote writing as a process over time.

ENGLISH 12 – 12/1 credit/Full Year Course

You will be transformed into a lifelong reader and writer. With strong reading and writing skills comes confidence and impressive communication skills. Look forward to a rigorous learning environment both academically and socially. We will share and talk about literature and writing as we strengthen our skills. Much of what you read and write will be your own choice. This simply means student driven. Reading and writing for fun is encouraged. This will help your scores fall into place and enable you to be a reader and writer by nature, and not just in the classroom. There will be a required independent novel each month (with the exception of when *Frankenstein* and *Hamlet* are studied) and you will write a combination of narrative, informational, and literary essays. You will also write poems and create various presentations using advance technological classroom resources. A Writer's Notebook and a Student Portfolio are due at the end of the course.

AP ENGLISH LANGUAGE AND COMPOSITION – 12/1 credit/Full Year Course

This course offers a full-year, Advanced Placement English curriculum designed to improve students' understanding of rhetoric within the contexts of analytical and critical reading and writing. From the AP College Board:

[This] course cultivates the reading and writing skills that students need for college success and for intellectually responsible civic engagement. The course guides students in becoming curious, critical, and responsive readers of diverse texts, and becoming flexible, reflective writers of texts addressed to diverse audiences for diverse purposes.

The reading and writing students do in the course should deepen and expand their understanding of how written language functions *rhetorically*: to communicate writers' intentions and illicit readers' responses in particular situations. The course cultivates the rhetorical understanding and use of written language by directing students' attention to writer/reader interactions in their reading and writing of various formal and informal genres (e.g., memos, letters, advertisements, political satires, personal narratives, scientific arguments, cultural critiques, and research reports).

Reading and writing activities in the course also deepen students' knowledge and control of formal conventions of written language (e.g., vocabulary, diction, syntax, spelling, punctuation, paragraphing, and genre). The course helps students understand that formal conventions of the English language in its many written and spoken dialects are historically, culturally, and socially produced; that the use of these conventions may intentionally or unintentionally contribute to the effectiveness or ineffectiveness of a piece of writing in a particular rhetorical context; and that a particular set of language conventions defines Standard Written English, the preferred dialect for academic discourse. (The College Board 2014)

AP ENGLISH LITERATURE – 12/1 credit/Full Year Course

This course offers a full-year, Advanced Placement English curriculum designed to improve students' understanding of classical and contemporary literature within the contexts of critical reading and writing. The AP English Literature and Composition course aligns to an introductory college-level literary analysis course. The course engages students in the close reading and critical analysis of imaginative literature to deepen their understanding of the ways writers use language to provide both meaning and pleasure. As they read, students consider a work's structure, style, and themes, as well as its use of figurative language, imagery, symbolism, and tone. Writing assignments include expository, analytical, and argumentative essays that require students to analyze and interpret literary works. (The College Board). In May, students will take the AP Exam, which is graded on a 1-5 scale. A student who earns a grade of 4 or 5 on the exam will be granted college credit at most colleges and universities throughout the United States. Those who earn a 3 may also earn either credit or may be able to waive a college course. Students must meet established criteria to enroll in this course.

GREEK MYTHOLOGY – 12 / 1 CREDIT / FULL YEAR COURSE

The year long course would focus on the history, literature, and mythology of Greece. The course would cover the reading and analysis of Greek literature, drama, philosophy, mythology, and history. In addition to the required reading, students would engage in various forms of writing: research, creative, argumentative, and analytical.

VIKING COMMUNICATIONS - 10-11-12/Full Year Course/1 Credit/Prerequisite: BST and application

This is a class designed to develop and promote communication through publications at Whitehall High School. Students are expected to become proficient in the graphic art areas of layout, copy, photography, printing techniques and electronic design. This will be accomplished through working on the publication of the yearbook and the school newsletter. The course will include a study of the organization and contents of a newspaper, stressing interviews, feature writing, sports coverage, copy reading and headline writing. Each student is required to sell advertising and solicit patrons for the yearbook.

WORLD LANGUAGE (Arts and Communications)

NOTE: A two-year sequence of one foreign language is required starting with the class of 2016 and is also highly recommended for any college-bound student. A proficiency test may be taken through the university to obtain college credit, if possible. Admission requirements vary by university.

SPANISH I – 9-10-11-12 /Elective/1 Credit/Full Year Course

Spanish I is an introduction to developing skills for comprehending, conversing, reading, and writing in Spanish. These skills are learned through conversational Spanish and reading and writing exercises.

SPANISH II – 9-10-11-12 / Elective/1 Credit/ Full Year Course/Prereq: Successful completion of Spanish I
Spanish II is a continuation of Spanish I. Greater emphasis will be placed on the grammatical structure of the Spanish language in conversations, reading, and writing.

INDUSTRIAL TECHNOLOGY (Engineering/Manufacturing/Industrial Technology)

AMT-129 Introduction to Technology 9-12 / .5 CREDIT / 1 SEMESTER

This course provides an integrated introduction to the current computer-based technologies of manufacturing. Students will develop a foundation of understanding through hands-on experience in: basic microcomputer operations, Computer-Aided-Design (CAD), Computer-Aided-Machining (CAM), Computer Numerical Control (CNC), Robotics, Computer Automated Process Control, spreadsheets and Word-processing. The course also promotes: problem solving, group process, decision making, planning, and communication skills.

INTRO TO ENGINEERING 11-12/.5 credit/1 Semester/ Prerequisite: Algebra

Mechatronics offers a design process that includes a combination of modular manufacturing work cells, computer simulations, pneumatic and hydraulic kits to engage and build a collaborative network between education and industry and build interest and awareness in manufacturing.

COMPUTER AIDED DESIGN (CAD 110 AND CAD 135) – 9-12 / Elective/ 1 credit / Full Year / MCC credit offered

This course is an introduction to basic computer-aided drafting using AutoCAD TM. Basic2D CAD drafting skills will be the primary focus of this course. Students will earn high school and college credit from MCC.

MATHEMATICS

(Engineering/Manufacturing/Industrial Technology)

ALGEBRA - 9/Required/1Credit/Required/ Full Year Course /No Prerequisite

This course has a scope far wider than most other algebra texts. It uses statistics and geometry as settings for work with linear expressions and sentences. Probability provides a context for algebraic fractions, functions, and set ideas. There is much work with graphing. Applications motivate all topics, including exponential growth and compound interest.

GEOMETRY - 9-10-11/Required/1 Credit/Full Year Course /Prerequisite: Algebra

This text presents coordinates, transformations, measurement formulas, and three-dimensional figures in the first half of the book. Concentrated work with proof writing is later, following a carefully sequenced development of the logical and conceptual precursors to proof.

ALGEBRA 2 /ALGEBRA 2 HONORS- 9-10-11-12/Required/1Credit/Full Year Course /Prerequisite: Geometry

This course emphasizes facility with algebraic expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial, and other special functions both for their abstract properties and as tools for modeling real-world situations. Geometry or teacher approval is a prerequisite, for geometric ideas are utilized throughout. **Students are required to have their own TI-83 graphing calculators.**

PRE-CALCULUS –11-12/1 Credit/ Full Year Course /Prerequisite: Algebra 2

How do city planners in Dallas plan for future housing needs? How do scientists compare earthquake intensities, or doctors determine dangerous acidity levels? How does a manufacturing company minimize its operating expenses? What kinds of things would have to be considered to one day build a space station on Mars? What kind of adjustments do pilots need to make for crosswinds?

Join Pre-Calculus to learn about the different ways advanced math can impact the world around us. We will use new and improved technology (SMART, Moodle, E-instruction, TI-Nspire) to explore topics in greater detail than in previous courses. Students will learn new methods and techniques with the idea of utilizing them in problem-solving in a chosen career, as well as use online tools to help their understanding. Students will participate in a design-and-develop project that may focus on a career interest. Those headed towards fields of medicine, business, or engineering are strongly urged to further continue to Calculus to get a great understanding of the changing world around us. *Students are expected to have a graphing calculator (TI-83 family or Nspire).*

PERSONAL FINANCE – 12/ Elective/1 Credit/ Full Year Course (This course will meet 4th year math requirement)

Student will gain valuable knowledge and skills that will help to make good financial decisions-now and in the future. Areas of study include: Understanding Income; Money Management; Spending and Credit and Saving and Investing. A 9 week Career Planning Unit will be covered. Guest speakers from different career pathways will be utilized. Financial/College Planning unit including the FAFSA will be covered.

AP CALCULUS - 11-12 /1 Credit / Full Year Course /Prerequisite: Pre-Calculus and Trigonometry

This college-level course will challenge the exceptional math student. Students will be exposed to formal differentiation and integration, along with more advanced concepts of maxima, minima, limits, and infinite sequences. Other topics will be studied including slope fields, local linearity, l'Hopital's rule, product rule, quotient rule, chain rule, implicit differentiation, parametric equations, and continuity. Real life situations will be explored through optimization processes for area, volume, and economics in the areas of business and industry. Students are required to have their own graphing calculators and be proficient with them. Students will have the choice to take the AP Exam in the spring to earn college credit based on their score and their choice of college.

MUSIC
(Arts and Communications)

SYMPHONIC BAND - 9-12/ Elective/1 Credit/ Full Year Course /Prerequisite: Audition or successful completion of junior high school band program.

Marching Band is emphasized during the quarter. The Marching Band performs at the home football games, Homecoming and Christmas parades, and in 3 to 4 Marching Band competitions in the fall. **All band members will need to attend marching band camp in August to prepare for marching season.**

The high school symphonic band is the premiere performing ensemble of the Whitehall Instrumental Music Department. The band performs many works from the traditional band repertoire, as well as works by contemporary composers. The ensemble achieves and maintains high musical standards in both marching and concert performances. Students may also participate in Solo and Ensemble Festival and Basketball Band during the winter season.

CONCERT CHOIR - 9-12/ Elective/1 Credit/ Full Year Course

This is a year-long course offered to current and aspiring singers (SAB) in grades 9-12, regardless of their previous choral experience. The core curriculum explores a variety of musical repertoire, vocal technique, sight-reading, and music theory. During the second semester, students will participate in the Michigan School Vocal Music Association's Choral Festival. Students are expected to participate in the one evening concert each quarter as a major part of their grade.

CHAMBER ENSEMBLE - 10-12/ Elective/1 Credit/ Full Year Course /Prerequisite: Teacher OK & audition

Select Ensemble is a mixed (SATB) voice ensemble that performs a variety of choral music. After-school and evening performances are required for this ensemble. Admittance is by audition only. This course is open to 10-12 grade men and women (with teacher exception if needed) who have reached a high proficiency of musicianship and have the equivalent of two years in a choral performing ensemble. The core curriculum explores a variety of musical repertoire, vocal technique, sight-reading, and music theory. Students are expected to participate in one evening concert each quarter as a major part of their grade.

PHYSICAL EDUCATION
(Health Sciences, Human Service)

HEALTH – 9th-12th / Required/1 semester

Nutrition, Food and Health Concepts is a comprehensive study that involves analysis, synthesis, and evaluation of important decisions about lifestyle choices. This class will introduce topics such as eating habits, energy nutrients, and tobacco/drug/alcohol use, and nutrition management, aspects of wellness, physical activity, and reproductive health.

PHYSICAL EDUCATION – 9th-12th /.50 Credit/1 semester/option 1

This course is designed to contribute to the development of boys and girls through a variety of physical experiences. Emphasis is placed on student participation and improvement of skill performance in each unit. These activities will serve to educate the student in a wholesome use of leisure time and recreational activities both as a participant and as an appreciative spectator. A student must complete either semester to complete P.E. requirement and will cover state guidelines of individual, team, dual, outdoor pursuit, and gymnastics/tumbling. Each semester will place an emphasis on cardiovascular, weight training for fitness, and aerobics. Additional activities include: Frisbee sports, volleyball, Badminton, floor hockey, tumbling Ping-Pong, Bocce, and Horse Shoes.

FITNESS TRAINING - 9th-12th /.50 Credit/1 semester/option 2

This course is designed for students who wish to develop strength, speed, agility, size, and cardiovascular capacity through weight training, conditioning, plyometric exercises, and sprint training. Fitness Training will give students an opportunity to improve their strength, skills, and fundamentals in specialized areas through an individualized lifting and conditioning program. Information and handouts will be included but not limited to nutrition, fitness, and weight training topics.

SPORT DISCOVERY - 11-12/.50 Credit/1 semester/prerequisite varsity athlete/instructor/coach approval

This course will explore mental game in athletics is vital to an athlete's success. Confidence preparation focus on the present moment having a positive attitude and choosing to evaluate success on the process as well as the outcome are all mental skills to be developed just like the physical skills that need to be developed to excel in sport. This course is designed to help students apply practical as well as theoretical information as it relates to the psychology of sport. Various mental training skills that can enhance one's athletic performance will also be covered. Some of the areas related to this class will be explored this semester includes stress, motivation, goal-setting, leadership, and imagery. Your personality, as it relates to athletic competition, as well as competition in the "real world," will also be explored.

SCIENCE

(Health Sciences, Engineering/Manufacturing/Industrial Tech, Natural Resources & Agriscience)

BIOLOGY – 9-10-11-12/Required/1 Credit/ Full Year Course/no Prerequisite

In Biology the student will learn through lectures, projects, laboratories, quizzes and tests. This class is geared towards preparing the student for basic college science courses. The area of study is very broad covering biochemistry, the cell, cell energetics, cell division, Mendel, molecular genetics, DNA / RNA and protein synthesis in Biology A. Biology B focuses on the Human systems, homeostasis, ecosystems, ecology, and evolution.

FIELD SCIENCE A- 11-12/ Elective/1 Semester/Prerequisite: Biology

Students will be required to conduct field studies in aquatic and terrestrial systems in a way that relates earth science, physical science and life science as interdependent systems. Students will become comfortable with the use of the Internet as well as expressing themselves both verbally and in writing. This class will be doing scientific measurements for NASA, Georgia Tech, The University of New Hampshire, Arizona State and The University of Ohio at Toledo.

FIELD SCIENCE B- 11-12/ Elective/1 Semester/Prerequisite: Biology

In this class, students will study the biomes that include wetlands, streams and lakes. Extensive use of the area watershed will require students to be outside most of the time. Two field trips will be taken to explore the fauna in a lakes and river/stream environment. Data gathered will be shared with GVSU and entered in to the GLOBE data base.

CHEMISTRY ESSENTIALS - 10-11-12/.5 Credit/ 1 Semester /Prerequisite: Algebra

An inquiry oriented approach to the introductory principles of chemistry. The introductory course of chemistry requires minimal math. Students build on their previous knowledge of subatomic particles. They explore the patterns presented on the periodic table of elements. Students practice writing names and formulas, and drawing molecular models. Emphasis is placed on relating the particulate level interactions of atoms to the macroscopic reactions seen in the laboratory.

CHEMISTRY HONORS - 10-11-12/1 Credit/ Full Year Course /Prerequisite: Algebra

An inquiry oriented approach to the introductory principles of chemistry. The first half of chemistry requires minimal math. Students build on their previous knowledge of subatomic particles. They explore the patterns presented on the periodic table of elements. Students practice writing names and formulas, and drawing molecular models. Emphasis is placed on relating the particulate level interactions of atoms to the macroscopic reactions seen in the laboratory. Another major goal is to prepare the student to apply problem solving skills and understand the role chemistry plays in all aspects of daily life. The second half requires a fundamental understanding of algebra. Students relate reactions in the laboratory to the major principles of chemistry, including stoichiometry, thermochemistry, gas laws, colligative properties, equilibrium and acid/base chemistry. This course exceeds the requirements set forth in the High School Content Expectations by including content that is geared to prepare students to be successful in college chemistry courses. Homework time is approximately 20 – 30 minutes daily.

PHYSICS ESSENTIALS - 11-12/ .5 Credit/ 1 Semester /Prerequisite: Algebra

A course designed to help the student gain a mathematical understanding of the physical laws and principles governing the universe. An experimental approach to the major ideas in physics is used in the form of designing and building systems that use the concepts covered.

PHYSICS HONORS - 11-12/1 Credit/ Full Year Course /Prerequisite: Algebra 2 with a “C” average is required. (Meets 4th year math requirement)

A course designed to help the student gain a mathematical understanding of the physical laws and principles governing the universe. An experimental approach to the major ideas in physics is used in the form of designing and building systems that use the concepts covered. This course exceeds the requirements set forth in the High School Content Expectations by including content that is geared to prepare students to be successful in college physics.

AP PHYSICS – 12/ 1 Credit/ Full Year Course / Prerequisite: Algebra 2 with a “C” average and Physics. (Meets 4th year math requirement).

AP Physics 1 is an introductory college-level physics course designed to simulate the rigor and skills needed for a first year college course. The course is algebra based and the topics of study include Newtonian mechanics, work, energy, mechanical waves, sound, and simple circuits. This course also has a laboratory requirement which will be met with hands on labs along with online simulations. The labs will be inquiry-based to provide students the opportunity to develop critical thinking and reasoning skills along with applying the science practices

ANATOMY & PHYSIOLOGY- 11-12/ Elective/1 Credit/ Full Year /Prerequisite: Chemistry

Covers the basics of human anatomy and physiology including anatomical terminology, basic biochemistry, cells and tissues, and the integumentary, skeletal, muscular, nervous, endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. Introduces common human disease processes. The laboratory portion of the class includes dissection of pigs, cats, frogs, and other anatomical structures as well as interactive lab covering the systems.

AP CHEMISTRY - 11-12/ Elective/1 Credit/ Full Year /Prerequisite: Chemistry

AP Chemistry is a continuation of the principles studied in Chemistry. A first year college text is used. Chemical kinetics, thermodynamics, chemical equilibrium, acids and bases, and oxidation/reduction reactions and basic organic nomenclature are among the topics covered. At the conclusion of the course, students may take the AP test, which could earn college chemistry credit.

AP ENVIRONMENTAL SCIENCE -11-12/Elective/1 Credit/All Year/Chemistry and Teacher Recommendation

The goal of the AP Environmental Science course is to provide students with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world, to identify and analyze environmental problems both natural and human-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving and/or preventing them. The class will be approximately 25% laboratory work, and 75% class work. Students will be outdoors for much of the fall and the spring doing labs.

SOCIAL STUDIES

(Human Services)

WORLD HISTORY - 9/Required/1 Credit/ Full Year Course /No Prerequisite

World History attempts to provide the student with an overview of the development of civilization and the achievement of world cultures through time. Students will gain an understanding of today's world by studying events from the past that have shaped the world we currently live in.

UNITED STATES HISTORY – 10/Required/1 Credit/ Full Year Course /No Prerequisite

United States History is a study in the growth of our country as a nation. This course is designed to teach students about the achievements and struggles of the United States. Students will develop an understanding of our country's history and how it impacts them and the world around us. Class study starts with the Reconstruction Era to modern day history.

GOVERNMENT/ECONOMICS - 12/Required/1 Credit/ Full Year Course /No Prerequisite

Government: This class will detail the qualifications, duties, and influences of the Federal government. It will examine the interaction between the three branches of the Federal Government as well as the relationship between federal and state authorities. The concepts of federalism, state rights, civil rights, and constitutional law will be studied in depth.

Economics: This course is designed to provide students with an introduction to both Micro and Macro economics as well as key components of personal financial management. Students will be introduced to the economic challenges of all societies such as scarcity and market regulation along with international trade and organizational challenges. Supply/Demand, Market types, Costs of Production, institutional and personal financial management are all specific topics which will be covered. It is highly recommended that the course be reserved for 12th grade students while underclassmen can be admitted with teacher recommendation.

OTHER CLASSES

GUIDED ACADEMICS - 9-12/ Elective/.50-1.0 credit/1-2 Semesters/Prereq: Teacher/Counselor OK

Guided Academics is a class designed to help students experiencing academic difficulties. Students are scheduled for this class after being recommended by two or more of their teachers. In this course, students will develop organizational and test-taking skills, and explore career opportunities. This is a guided instructional period where study skills are taught, and students receive help with core class homework.

INTERNSHIP – 11-12/Elective/.5 – 2.0 credits/ 1-2 Semesters/ Prerequisite: Interview Process

Internships are a unique form of education, which integrates classroom study with supervised work experience. This type of career preparation activity is where students are placed at a work site for a defined period of time to participate in and observe work within a given industry. Unlike work experience, internships often allow students to rotate through a number of departments and job functions. This is an excellent way to determine if the industry and the profession is the best career option to follow before investing a lot of time and money in training and education. Must apply and follow an interview process with a Career Specialist.

SPECIAL EDUCATION SERVICES

Whitehall High School provides a continuum of services for students who are eligible for Special Education services. Programs range from consultant services to classroom programs on a part to full time basis. Students must be evaluated to qualify for special services according to the State of Michigan guidelines. Parents who suspect their child is in need of special services should contact the counselor or the principal for more information. The following curriculum will vary depending on the student's needs.

INCLUSION CLASSES are offered in several departments (English, Math) depending on needs of the students. A special education teacher is in the classroom with a regular education teacher to provide direct assistance to the student and to adapt materials.

INTERVENTION - 9-10-11-12/1 Semester/Advocate Recommendation

This class assists students in pre-teaching and re-teaching of their core content curriculum. Students will work with different teachers during this hour, according the areas in which they have academic need.

RESOURCE ROOM CLASSES are available for students requiring more support than available through inclusion or intervention classes. Based on student need, select sections of resource room classes do not include Michigan Merit Curriculum. The available offerings in this area are dependent on student need.

CAREER TECH

MUSKEGON COUNTY CAREER TECH CENTER - 11-12/Elective/3 Credits/Full Year Course

The Career Tech Center in Muskegon is an extension of Whitehall High School. Students who attend typically go on to college or trade school for additional training or find employment. Students should plan their schedules carefully if they plan to attend the Career Tech Center during their Junior and Senior years the last three hours of the school day (4th, 5th & 6th hours).

Students can enroll in one of the following programs located at the Career Tech Center:

- Allied Health Technologies (4th Yr English, Science or Visual/Performing Arts Credit)
- Auto Collision/Refinishing (4th Yr Math or Visual/Performing Arts Credit)
- Auto Service Technology (4th Yr English, 4th Yr Math or Visual/Performing Arts Credit)
- Hospitality and Tourism (4th Yr English, 4th Yr Math or Visual/Performing Arts Credit)
- Computer Aided Design (4th Yr Math or Visual/Performing Arts Credit)
- Construction Trades (4th Yr Math or Visual/Performing Arts Credit)
- Cosmetology (4th Yr Visual/Performing Arts Credit)
- Criminal Justice (4th Yr English or Visual/Performing Arts Credit)
- Electrical/Computer Tech (4th Yr Math, Science or Visual/Performing Arts Credit)
- Environmental/Veterinary Sciences (4th Yr English, Science or Visual/Performing Arts Credit)
- Foundations of Healthcare** (4th Yr English or Visual/Performing Arts Credit)
- Graphic Production Technologies (4th Yr English, 4th Yr Math or Visual/Performing Arts Credit)
- Health Science Academy** (4th Yr English, Science or Visual/Performing Arts Credit)
- Internet, Network, & Security Technology (4th Yr English, 4th Yr Math or Visual/Performing Arts Credit)
- Machine/Engineering Technologies (4th Yr Math or Visual/Performing Arts Credit)
- Welding Technologies (4th Yr Math or Visual/Performing Arts Credit)

* Completing a Michigan Department of Education approved CTE program may allow student to substitute these CTE credits in place of:

- 1 Credit of Science
- 1 Credit of World Language
- 1 Credit of Social Studies

- 1 Credit of Physical Education and Health
- 1 Credit of Visual Performing Arts

** Math credit in this course may be earned IF students successfully complete the optional Pharmacy Tech certification.

Brochures with complete course descriptions are available in the Student Services Office or visit the CTC website at www.muskegonisd.org/ctc-new. All programs are half-day. Transportation will be provided except for the cosmetology classes. ***Cosmetology students must provide their own transportation at their own expense.***

CAREER TECH SCHEDULE –

Transportation Provided for AM and PM Sessions from WHS.

AM SESSION:

Class Time: 8:05 a.m. - 10:35 a.m.

PM SESSION:

Class Time: 11:45 a.m. - 2:15 p.m.