2026-2027

West Bloomfield High School

Pathways to Success

Course Description Guide

V 8.19.2026

Welcome to

West Bloomfield High School

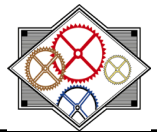
We hope that your years of high school will be a time of exploration, challenge, goal setting, fulfillment and planning for the future. This guide has been designed to assist you through this process.

Indecision about your career is normal for this time in your life. Some students already have a specific career goal in mind. Other students have only a vague notion of their career goal. Many students will change their minds several times before settling on a final career.

During high school, one goal should be to explore the Career Pathways described in this guide and learn whether or not one is interesting enough to be a potential match for you. Although it is not expected that students will know their specific career choice by the time of graduation, they should know which path is appropriate for them. Within this guide you will find a description of each Career Pathway along with related course work and activities for each pathway.

Students and parents are encouraged to read through this guide and discuss the options. Counselors and teachers will be eager to help you by making suggestions and recommendations as they apply to the specific pathways. By working together students, parents, teachers, and counselors can help make the high school years a great experience.

Career Pathways —
Educational Planning for Life

 **Arts and Communication**	 **Health Sciences**
 **Business, Management, Marketing and Technology**	 **Human Service**
 **Engineering/Manufacturing and Industrial Technology**	 **Natural Resources and Agriscience**

This book is a guide to West Bloomfield High School's course information.

www.wbsd.org

Administrators

Mr. Eric Pace, Principal
Mrs. Megan Hrycaj, Assistant Principal
Mr. Jamie Glinz, Assistant Principal
Dr. Stephanie Clark, Assistant Principal
Mr. Thomas DeGrand, Athletic Director

Counselors

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The Board of Education does not discriminate on the basis of race, color, national origin, sex (including sexual orientation and transgender identity), disability, age, religion, height, weight, marital or family status, military status, ancestry, genetic information or any other legally protected category, (collectively, "Protected Classes"), in its programs and activities, including employment opportunities. In addition, arrangements can be made to ensure that the lack of English language proficiency is not a barrier to admission or participation. The following are designees to handle inquiries regarding the nondiscrimination policy:

For further information you may contact
Scott Long Assistant Superintendent for Learning Services Scott.long@wbsd.org, 248-865-6009
Johanna Mracna Deputy Superintendent of Talent Development and Management Johanna.mracna@wbsd.org,248-865-6422

General Information

West Bloomfield School District is pleased to continue the growth of our STEAM Program at the high school level. This is part of the District's K-12 STEAM instructional initiatives. STEAM stands for **Science, Technology, Engineering, Arts, and Mathematics**. STEAM programs employ a Project Based Learning approach, a teaching method in which students gain knowledge and skills by working for an extended period of time to investigate and respond to a complex question, problem or challenge. STEAM uses critical thinking skills and incorporates the arts into this framework by recognizing that in order to be successful in technical fields, students must also be creative.

The High School STEAM Pathway is available in Grades 9-12:

Project Lead the Way Engineering –
PLTW Engineering courses engage students in interdisciplinary activities like working with a client to design a home, programming electronic devices or robotic arms, or exploring algae as a biofuel source. These activities not only build knowledge and skills in engineering, but also empower students to develop essential skills such as problem solving, critical and creative thinking, communication, collaboration, and perseverance.

A partnership with Lawrence Technological University provides students with opportunities to interact with college-level engineering and design practices.

Advanced Placement for College Credit

To see if your intended college or university accepts this course for credit, and what AP test scores are required for credit, point your browser to https://apstudent.collegeboard.org/creditandplacement/search-credit-policies

Michigan Merit Curriculum Statement

Students shall earn a high school diploma only after successfully completing all graduation requirements established by the Board of Education, including the requirements of the Michigan Merit Curriculum (MMC) pursuant to Sections 1278a and 1278b of the Revised School Code, unless modified through an approved Personal Curriculum or another exception permitted by law.

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Advisory

Advisory is an opportunity for students to develop and strengthen relationships. It is a course that will allow students to access support for challenges that may keep them from succeeding academically, including a lack of routines, problem-solving, and navigating high school skills as well as social emotions strategies for the school setting and grade level.

Early Graduation

Students requesting an exception to graduate early before completing the full four years of high school must adhere to the required guidelines. Students who have exceptional circumstances must meet with their counselor in early September to avoid missing critical deadlines. In most situations, students are required to provide proof of acceptance to a four-year institution or proof of enrollment from a four-year institution to qualify for early graduation. Please see your counselor for further details.

NCAA Clearinghouse

The NCAA icon represents those high school courses that have been approved by the NCAA Eligibility Center to meet eligibility requirements for any student wishing to participate in athletics at either an NCAA Division I or Division II member institution. For more information consult your school counselor or visit https://web3.ncaa.org/ecwr3/. And for additional resources, visit https://www.wbsd.org/west-bloomfield-high-school/counseling-office/college-athletic-eligibility

State Mandatory Testing

In order to satisfy the requirements for graduation, every student must take all state-mandated tests at the grade level mandated unless excluded under the guidelines established by the Michigan State Department of Education. Special exceptions may be granted by the Superintendent upon evidence of extraordinary circumstances.

Summer Homework

Some courses at WBHS have summer homework requirements. Students are advised to see the department head or teacher by June 1 of the current school year for directions. It is the student's responsibility to check the West Bloomfield High School website for summer homework. Questions during the school year may be directed to your counselor. Questions during the summer months may be directed to the Principal's office.

FAFSA Requirement

In order to satisfy the requirements for graduation, every student must submit a Free Application for Federal Student Aid ("FAFSA"), or a District waiver form indicating that the student and family understand what these aid opportunities are and have chosen not to complete an application.

Graduation Requirements

Class of 2024—2027

A student must attend West Bloomfield High School during the final semester prior to graduation to receive a West Bloomfield High School Diploma. A student transferring from West Bloomfield to another school during his/her senior year may be granted a diploma if the receiving school's policy prevents the granting of a diploma.

West Bloomfield High School requires a minimum of 25.00 credits for graduation.
27 credits will be required for graduation starting with the class of 2028

(18 required + 7 enrichment = 25.00 credits)
2 credits over the course of all 4 years is earned through Advisory

Courses	Class of 2027 Requirements	Class of 2028-30 Requirements
English	(4 credits total)	(4 credits total)
English 9	1 credit	1 credit
American Literature American Dream Literature Honors American Literature	1 credit	1 credit
World Literature Honors Literature AP English Language & Composition Multicultural Literature	1 credit	1 credit
English Elective	1 credit	1 credit
Mathematics	(4 credits totals)	(4 credits totals)
Algebra	1 credit	1 credit
Geometry	1 credit	1 credit
Algebra 2	1 credit	1 credit
Senior Year Math or Senior Math Based Elective	1 credit	1 credit
Science	(3 credits total)	(3 credits total)
Biology	1 credit	1 credit
Integrated Physical Science Honors Chemistry Honors Physics	1 credit	1 credit
Additional Science Credit	1 credit	1 credit
Social Studies	(3 credits total)	(3.5 credits total)
World History/AP World History	1 credit	1 credit
United States History/APUSH	1 credit	1 credit
Civics/AP Gov Economics/Personal Finance (Economics)	1 credit	1 credit
Personal Finance		.5 credit
Health Education	(.5 credit total)	(.5 credit total)
Physical Education (.5 credit total)	(.5 credit total)	(.5 credit total)
Visual, Performing & Applied Arts – Fine Arts	(1 credit total)	(1 credit total)
World Language (2 credits of the same language Or 1 World Language and 1 Fine Arts)		
Elective Courses + Advisory (2)	(7 credits)	(9 credits)

Career and Technical Education Opportunities (CTE)

Annual Public Notice of Career and Technical Education Opportunities

Each year, the West Bloomfield School District offers career and technical education programs at WBHS. These programs are designed to prepare youth for a broad range of employment and training services and are offered under the guidance of certified teachers, counselors, and cooperative education coordinators.

Business Service and Technology

Finance Pathway

Accounting 1
Accounting 2

Business Management Pathway

Growing Your Business
Financial Management

Computer Programming

Beginning Programming
Intermediate Programming
AP Computer Science Principles
AP Computer Science A
Video Game Design

Marketing Education

Marketing
Fashion Merchandising
Advanced Marketing
Sports & Entertainment Marketing

Business Related Programs

Business Internship
Food Preparation 1, 2
AP Micro & AP Macro Economics

Industry and Technology

Architecture 1, 2, 3, 4
Project Lead the Way: Introduction to Engineering Design 1
Engineering Academy 2, 3, 4
Computer Aided Design (CAD) 1, 2, 3
Interior Design

Video Technology & Arts

Digital Media Arts
Multimedia Production 1, 2 & 3
Podcast Production
Video Field Production
Screenwriting 1& 2

Art Department

WBHS requires 1 Visual, Performing & Applied Arts credits to graduate

- 1.0 credit or 2 semester classes

Art Foundations or 3D Foundations are entry level courses. Students may take both if they desire. These classes are the introductory art courses based on the elements and principles of art; many different types of media are utilized. Students may move on to Jewelry, Ceramics, Drawing, and Photography from these courses. It is no longer required to take these classes before advancing to a specialty.

The chart below will help students plan their high school art program.

Courses	9th Grade	10th Grade	11th Grade	12th Grade
3D Foundations	X	X	X	X
Art Foundation	X	X	X	X
Painting 1	X	X	X	X
Drawing 1	X	X	X	X
Ceramics 1	X	X	X	X
Photography 1	X	X	X	X
Jewelry/Metal Art 1		X	X	X
Ceramics 2		X	X	X
Jewelry/Metal Arts 2		X	X	X
Drawing 2		X	X	X
Painting 2		X	X	X
Photography/Graphic Design 2		X	X	X
Advanced Placement Studio Art 2D Design*			X	X
Advanced Placement Studio Art 3D Design*			X	X
Advanced Placement Drawing*				X

**Students must pass an Advanced Art Course to enter the Advanced Placement Studio Art course.*

Art Course Descriptions

3D Foundations

Get ready to dive into the world of 3D art! In this class, you'll explore the basics of art and design by working with cool materials like origami, recycled materials, clay and fibers to create interesting sculptures and installations. This course is a fun, hands-on way to build skills and get creative with friends, and it's the perfect foundation if you want to keep exploring 3D art in future classes. Plus, we'll take a look at art history to see how different styles and techniques have evolved over time. Join us and bring your creativity to life! (ART402A)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Fine Arts

Art Foundations

Welcome to the perfect starting point for exploring the world of art! In this course, you'll dive into fun, hands-on projects that make learning about art vocabulary and concepts easy and exciting. It's a great place to connect with classmates, express yourself creatively, and build the confidence you need to enjoy and succeed in other arts classes. Along the way, we'll also look at how art history and creativity shape our everyday lives. Join us for an inspiring journey through art. (ART400)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Fine Arts

Painting 1

Get ready to unleash your creativity in this course! This hands-on course is all about exploring the world of color, experimenting with different techniques, and learning how to bring your ideas to life. You'll dive into the basics of painting while trying out both classic and fresh, experimental approaches. With a focus on building skills and confidence with acrylic and watercolor paint, you'll be creating eye-catching compositions and discovering your unique style in no time. Join us to paint, play, and express yourself! (ART404)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Freshmen Prerequisite: Middle School Advanced Art
GR: Fine Arts

Drawing 1

Have an interest in drawing? Here, you'll go beyond the basics and explore exciting new techniques to bring your sketches to life. You'll learn how to draw what you see, create depth, and add perspective to make realistic drawings. From mastering composition to exploring design, observation, and landscapes, this course has everything you need to level up your drawing skills. Get ready to dive into creativity and see the world in a whole new way!
(ART411)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Freshmen Prerequisite: Middle School Advanced Art
GR: Fine Arts

Ceramics 1

Engage in the craft of ceramics in this structured, hands-on course. You'll learn essential techniques for working with clay, from foundational hand-building skills to designing and constructing your own pieces. Explore the historical context of ceramics while experimenting with various methods for decorating and glazing. Whether you're forming a simple bowl or crafting a unique sculpture, this course is focused on bringing concepts to life through clay. Prepare to mold, shape, and create with purpose.(ART401)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: none
GR: Fine Arts

Jewelry/Metal Arts 1

Step into the world of metalsmithing and turn raw metal into amazing art! In this course, you'll learn the basics of shaping, cutting, and crafting metal, all while exploring your own design ideas. From forging and soldering to setting stones and forming wire, you'll gain skills to create unique pieces you can be proud of. Safety is key, so we'll also teach you how to handle all the equipment. Get ready to hammer, bend, and polish your way to some seriously cool metalwork! (ART415A)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Fine Arts

Photography 1

Dive into the exciting world of photography in this hands-on course. You'll learn all about your camera's basic functions and discover the art of composition while exploring a variety of creative projects. With guidance from your instructor, you'll unleash your creativity, tackle problem-solving, and develop critical thinking skills—all through the lens of photography. Get ready to experiment with both historical print processes and modern digital editing in Photoshop. Each student will receive a digital SLR camera to use throughout the course (just a $200 check deposit to be able to take it home). Don't worry, your check will be returned at the end of the semester unless there's any damage to the equipment. So grab your camera, and let's start capturing the world around us.(ART419)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Fine Arts

Ceramics 2

Get ready to take your clay skills to the next level in this exciting advanced ceramics course! Here, you'll dive deep into creative clay forming techniques and unlock your artistic potential. Whether you're looking to explore using the potter's wheel or explore new sculptural ideas, this class is all about following your passion and pushing your boundaries. (ART431)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Ceramics 1; course may be repeated with instructor approval
GR: Fine Arts

Jewelry/Metal Arts 2

This advanced jewelry-making course is designed to elevate your skills and broaden your technical expertise. You will explore innovative techniques for creating unique surface textures, engage in complex soldering projects, and develop advanced metal construction methods. With a strong emphasis on design, this course will guide you in blending creative vision with technical proficiency, empowering you to work more independently and confidently. By the end, you'll have crafted refined pieces that reflect your unique style and artistic direction. (ART445A)

A material fee may be associated with this course to work with sterling silver.

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Jewelry/Metal Arts 1; course may be repeated with instructor approval
GR: Fine Arts

Drawing 2

Did you enjoy beginning drawing? Get ready to take your drawing skills to the next level in this exciting course. Building on what you learned in Beginning Drawing, we'll dive deeper into figurative drawing, character development, illustration, and observational studies. You'll explore the vibrant world of color and experiment with a variety of fun media, including ink, colored pencil, charcoal, and mixed media. Whether you're looking to enhance your portfolio for college or simply want to grow as an artist, this course offers the perfect opportunity to challenge yourself. And the best part? Serious students can take this course multiple times to keep pushing their artistic boundaries! Join us for a journey of creativity, exploration, and personal achievement. (ART441)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Drawing 1; course may be repeated with instructor approval
GR: Fine Arts

Painting 2

Building on the color theory, composition, and techniques you learned in Beginning Painting, we'll dive even deeper into what makes a visual statement. Our curriculum includes the use of oil paint, watercolor, and a variety of other media. You'll have the freedom to express your unique artistic voice while working on assignments tailored to your interests and needs. This course encourages you to think big and experiment on a larger scale, giving you the time and space to create meaningful artwork. You'll also get the chance to work from life and explore a variety of sources for inspiration. It is highly recommended that you complete Drawing 1 in addition to the prerequisite of Painting 1. (ART405)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Painting 1; course may be repeated with instructor approval
GR: Fine Arts

Photography/Graphic Design 2

Step into the exciting world of advanced photography and take your skills to new heights. In this course, we'll dive into all the aspects of photography that you didn't cover in Photography 1. You'll explore advanced camera functions, composition techniques, and contemporary milestones while engaging in a variety of creative projects. Guided by your instructor, you'll continue to develop your creative process, problem-solving skills, and critical thinking as they apply to the world of photo arts. You'll have the chance to explore a mix of historical, traditional, and modern photography techniques, using digital photography and computer applications like Photoshop to enhance your work. In addition, we will learn some basic graphic design with Illustrator and photo based processes such as screen printing. Each student will receive a digital SLR camera to use throughout the course (just a $200 check deposit to take a camera home). Don't worry, your check will be returned at the end of the semester. [ART449]

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Photography 1, course may be repeated with instructor approval
GR: Fine Arts

Advanced Placement Studio Art 2-D Design

WEIGHTED. This course is designed for students wishing to pursue the practical experience of art, while developing mastery of concepts, composition, and implementation of ideas. Through their portfolio development, students experience a multitude of techniques, concepts, and approaches in art. Students in AP Studio Art do not take a written exam, but instead submit a portfolio for examination during the fourth marking period at the beginning of May. Students receiving a score of 3 or above may be eligible to receive college credit. All students are responsible for verification of the acceptance of AP credit with their college of choice. This course is one year in length and may be repeated with instructor approval. (ART100/ART200)

Summer homework required—See department head or instructor by June 1st; will be posted on WBHS website also.

Length of Course: Full Year

Grade Level: 11, 12

Prerequisite: Drawing 1 and Drawing 2; Or Drawing 1 and either painting 1 and 2, or photography 1 and 2.

GR: Fine Arts

Advanced Placement Studio Art 3-D Design

WEIGHTED. This course is designed for students wishing to pursue the art experience in the creation and thinking of three dimensional objects/abstractions. Students will develop mastery of concepts, composition, and implementation of ideas. Students in AP 3D will develop a portfolio, which will include exploration of various approaches of building three dimensionally, a multitude of techniques and materials. Students do not take a written exam, instead they submit a portfolio for examination during the fourth marking period at the beginning of May. Students earning a score of 3 or above may be eligible to receive college credit. All students are responsible for verification of the acceptance of AP credit with their college of choice. This course is one year in length, and may be repeated with the instructor's approval. (ART130/ART230)

Summer homework required—See department head or instructor by June 1; will be posted on WBHS website also.

Length of Course: Full Year

Grade Level: 11, 12

Prerequisite: Drawing 1 and either Ceramics 1 and 2, or Jewelry 1 and 2.

GR: Fine Arts

Advanced Placement Drawing

WEIGHTED. This course is designed for students wishing to pursue the practical experience of art, while developing mastery of concepts, composition, and implementation of ideas. Through their portfolio development, students experience a multitude of techniques, concepts, and approaches in art. Students in AP Drawing do not take a written exam, but instead submit a portfolio for examination during the fourth marking period at the beginning of May. Students receiving a score of 3 or above may be eligible to receive college credit. All students are responsible for verification of the acceptance of AP credit with their college of choice. This course is one year in length and may be repeated with instructor approval. (ART100/ART200)

Summer homework required—See department head or instructor by June 1st; will be posted on WBHS website also.

This is the second year of AP Studio Art 2D. In this year, a student will submit a Drawing portfolio.

Length of Course: Full Year

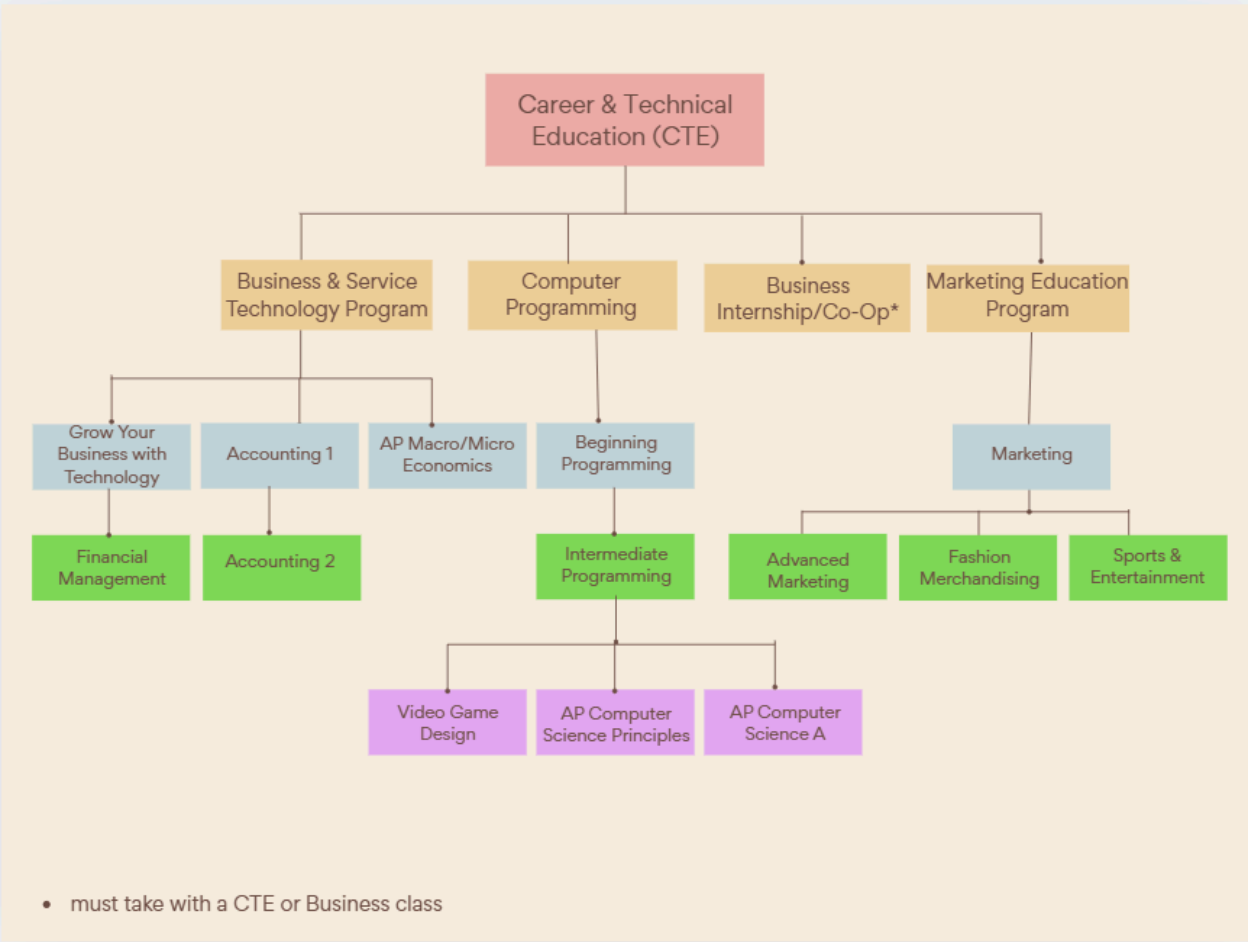
Grade Level: 12

Prerequisite: AP Studio 2D

GR: Fine Arts

Business Education Department

Career and Technical Education (CTE)



- must take with a CTE or Business class

Courses	9th Grade	10th Grade	11th Grade	12th Grade
Business Education Course Descriptions				
Accounting 1		X	X	X
Accounting 2			X	X
Growing Your Business	X	X	X	X
Financial Management			X	X
Marketing Education				
Marketing	X	X	X	X
Advanced Marketing		X	X	X
Sports & Entertainment Marketing		X	X	X
Fashion Merchandising		X	X	X
Business Related				
Business Internship/Co-Op			X	X
Foods Preparation 1	X	X	X	
Foods Preparation 2		X	X	X
Computer Programming				
Beginning Programming	X	X	X	X
Intermediate Programming	X	X	X	X
Video Game Design		X	X	X
AP Computer Science Principles		X	X	X
Advanced Placement Computer Science A		X	X	X
Video Technology & Arts English Electives				
Digital Media Arts	X	X	X	X
Screenwriting 1 & 2		X	X	X
Multimedia Production 1		X	X	X
Multimedia Production 2			X	X
Multimedia Production 3				X
Podcast Production		X	X	X
Video Field Production			X	X

Business Education Course Descriptions

Accounting 1

This course is designed for students interested in the accounting of a small business. The course is also *strongly* recommended for college majors in either business or law. Students will apply the accounting cycle to a sole proprietorship, partnership, and corporation. Computerized accounting will be utilized to compile "real" simulated accounting practices. ***Successful completion of the class also gives the students the opportunity to earn college credit.*** (BUS140/BUS240)

Recommended Related Course for Internship.
Students are eligible for DECA.
Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: None
GR: Senior year math based

Accounting 2

Accounting 2 students gain knowledge of advanced accounting principles, procedures, and techniques used to solve business problems and make financial decisions. Students work in a technology-integrated environment, using accounting and spreadsheet software to analyze, synthesize, evaluate, and interpret business financial data related to inventory, fixed assets, notes/accounts payable and receivable, implementation of a partnership and a corporation, and other specialized accounting systems. Using authentic workplace scenarios that reflect current industry trends and standards, students analyze financial data and acquire knowledge of business ethics. The course is also strongly recommended for college majors in either business or law. (BUS12104S1/BUS12104S2)

Recommended Related Course for Internship.
Students are eligible for DECA.
Length of Course: Full Year
Grade Level: 11 and 12.
Prerequisite: Grade of "C" or better in Accounting 1.
GR: Senior year math based

Growing Your Business (Entrepreneurship)

Ever dream of starting your own business? This course focuses on approaches to business operations from the entrepreneurial and management perspective. As a business owner, you will learn about location, target markets, competition, suppliers, and marketing. Students will develop a business plan to put what they have learned into practice.

The second semester will provide business management concepts and principles in a realistic, investigative, and enriching manner. All the functions of business management are covered extensively, including payroll, financing, billing, budgeting, and analysis. Students will enjoy exploring the global dimension of international business and opening a business overseas. ***Successful completion of the class also gives the students the opportunity to earn college credit.***
(BUS424A/BUS425)

Recommended Related Course for Internship.
Students are eligible for DECA.
Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: none
GR: Fine Arts, Senior year math based

Financial Management

This one-semester course will prepare students to be financially responsible. Students will learn about setting financial goals, preparing a budget, the use and abuse of credit; managing checking and savings accounts, ATM and debit cards; dealing with rental college housing; taxes; choosing a roommate; and long-term investing options (stocks, bonds, etc). (BUS476)

Recommended Related Course for Internship
Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: Grade of "C" or better in Growing Your Business
GR: Senior year math based

Marketing Education

Marketing

This course is an introduction to the study of marketing, management and merchandising. Students are actively involved in DECA district, state, and national competitions testing the skills acquired in the classroom. Topics will focus on the study of Marketing Fundamentals, Salesmanship, Advertising, Visual Merchandising, Publicity, Distribution, and daily Store Operations. The school store, Laker Landing, serves as a laboratory for the students to apply skills discussed in the classroom. Field trips may involve DECA local, state, and nationwide travel. Students planning to major in business should consider this course in their freshmen, sophomore or junior year. ***Successful completion of the class also gives the students the opportunity to earn college credit.*** (BUS143/BUS243)

Recommended Related Course for Internship
Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: none
GR: Fine Arts; Senior year math based
NCAA Approved

Advanced Marketing

This is an advanced individualized program of instruction in marketing, merchandising and management. Emphasis is placed on product and retail store management. Students will test skills acquired in the classroom and on the job by active involvement in DECA district, state and national competition. Students will be expected to demonstrate mastery of competencies in the areas of economics, marketing, human resources, distribution, financing, information management, pricing, product/service planning, promotion, purchasing, risk management and selling. Field trips may involve local, state, and nationwide travel. (BUS162/BUS262)

Recommended Related Course for Internship
Students are eligible for DECA
Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in Marketing
GR: Senior year math based; Fine Arts

Fashion Merchandising

This course caters to students interested in apparel and accessories marketing, providing essential skills for a successful career in fashion. The first semester covers fashion history, trend forecasting, and fashion influencers. The second semester focuses on promotion, buying, retailing, and various career paths. The course involves several hands-on projects. Students enrolled in this course may participate in West Bloomfield High School's DECA chapter for scholarships, prizes, and travel, enhancing practical exposure in apparel and accessories marketing.(BUS455/BUS456)

Recommended Related Course for Internship.
Students are eligible for DECA.
Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in Marketing
GR: Fine Arts

Sports & Entertainment Marketing

This course explores the multi-faceted and highly competitive sports and entertainment industry. Students who enroll will gain a greater understanding of the marketing strategies and tactics that sports and entertainment firms use to gain a large market share. Discussion topics include marketing for college, amateur and professional sports, how to create a positive public image, dealing with endorsements, agents, providing exposure for TV shows and screenplays, legal issues for sports and entertainment, and more. The culminating project will consist of students taking all that they have learned and assisting in organizing a spring carnival raising funds for American Cancer during school lunches. Upon completion of this course, students will be eligible to sit for the Facebook Certified Digital Marketing Associate Certification. Students have the opportunity to participate in West Bloomfield's co-curricular DECA club where they can earn college scholarships, cash prizes and opportunities to travel. (BUS175/BUS275)
Recommended Related Course for Internship
Students are eligible for DECA
Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in Marketing
GR: Fine Arts; Senior year math based

Business Related

Business Internship/Co-Op

This course is a PAID work experience program for qualified students desiring occupational competencies for subsequent full time employment or as a background for college. The total program combines classroom instruction and supervised employment on the job. Students selected for this program will attend morning courses and be released from school to work part-time. Every job site must be within 15 miles of the high school. **Students will be responsible for their own transportation to their job sites. Must work at least 15 hours a week.** (BUS197/BUS297)
Length of Course: Semester 1, Semester 2 or Full Year
Grade Level: 11, 12
Prerequisite: *Students must be concurrently enrolled in a course related to their place of employment. Examples of related courses include most Business courses. Students must have passed at least one semester of a business course to be eligible. Students MUST submit a completed EDP to the director as required by the State of Michigan for qualification. Students must have a job to enroll in this course within 15 miles of WBHS and reliable transportation.*
GR: None

Foods Preparation 1

The goal of this course is to introduce the basics of food preparation with an emphasis on baking. Proper use of equipment, measurement, recipe usage, and safe food handling procedures are stressed in this laboratory based class. Food preparation units generally include quick breads, yeast breads, cookies, and pasta. Students work in a cooperative learning setting in the cooking labs and will have a notebook of information and recipes at the completion of this course which will help to reinforce their reading, writing, and organizational skills. (BUS421)
Recommended Related Course for Internship.
Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11
Prerequisite: None
GR: Fine Arts

Foods Preparation 2

The goal of this course is to attain skills in food preparation by enhancing and reinforcing the principles of preparation practiced in Foods Preparation 1. This course has an emphasis on preparing healthier foods and more involved cooking techniques. We will discuss how food impacts our bodies nutritionally, making better choices, and what influences these decisions. Students will learn how to shop smart for food online and in the grocery store. Working together, students have a chance to evaluate recipes, plan meals and prepare food to share. (BUS422)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Foods Preparation 1
GR: Fine Art

Computer Programming

Beginning Programming

This course is an introduction to the fundamentals of computer programming, which is the foundation of Computer Science. Students will learn how to design, write, and develop programs that range from smart home solutions to animations. This course will prepare students for basic programming courses most majors encounter during their college careers. (BUS442)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Senior year math based
NCAA approved

Intermediate Programming

This course, like Beginning Programming, continues with added emphasis on object-oriented programming and design using new commands with Python. Students will develop an appreciation for how computers store and manipulate information by building simple console-based games and programming solutions using advanced algorithms. (BUS443)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: Grade of "C" or better in Beginning Programming
GR: Senior year math based
NCAA approved

Video Game Design

The Video Game Design course provides an opportunity for students to immerse themselves in the world of video game design and development. Students will explore conceptual and technical aspects of contemporary video game creation. (BUS445)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in Intermediate Programming
GR: Senior year math based; Fine Arts

AP® Computer Science Principles

WEIGHTED. Code.org's Computer Science Principles (AP-CSP) curriculum is a full-year, rigorous, college entry-level course that introduces high school students to the foundations of modern computing. The course covers a broad range of foundational topics such as programming, algorithms, the Internet, big data, digital privacy and security, and the societal impacts of computing. The AP/College Board Exam consists of a Performance Task and a Multiple Choice section. (BUS10019A/BUS10019B).

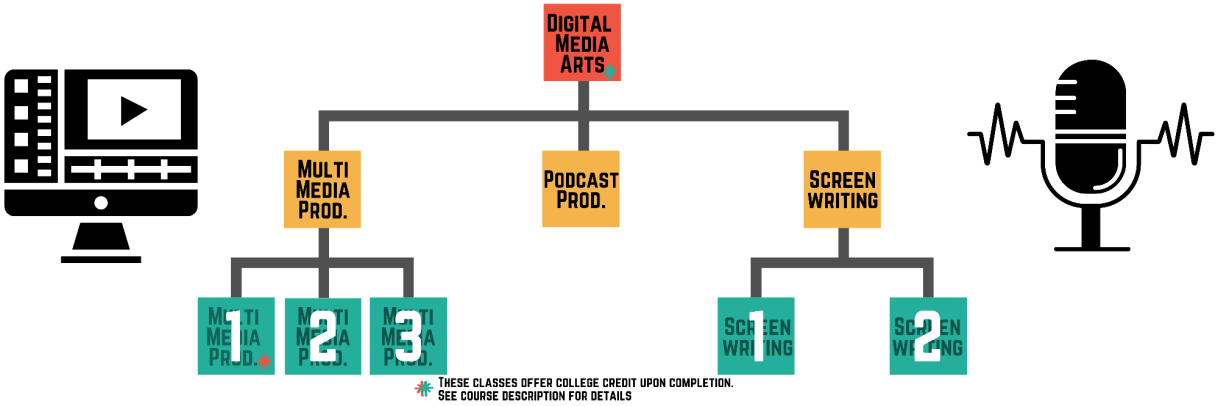
Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in Beginning & Intermediate Programming
GR: Senior year math based

Advanced Placement Computer Science A

WEIGHTED. A primary objective of an AP Computer Science course is to teach students to write logically structured, well-documented computer programs. Advanced Placement Computer Science consists of the study of programming methodology without formal proofs or arguments. Algorithms, particularly sorting and searching, are informally compared. Data structures and data abstractions are studied in the context of a computer language's built-in types and structures (e.g., arrays and records) and non-linked structures that can be built. Recursion is introduced as a control abstraction. (BUS130/BUS230)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in Beginning & Intermediate Programming
GR: Senior year math based

Video Technology & Arts English Electives



The **Video Technology & Arts English** elective program is a Career Technical Education program that focuses on providing students with hands-on experience in filming, editing, directing, TV/film scripting, broadcasting, and video and print journalism. College credit can be obtained for taking these courses.

Digital Media Arts

Digital Media Arts provides students with the opportunity to gain fundamental skills using digital tools for film/video, animation, photography, and graphic design in a project-based, hands-on environment. Using industry standard equipment and professional software, students will create digital content that includes short films/trailers, public service announcements, TV/radio broadcasts, stop-motion animation, film posters, and much more. There will be opportunities to learn from current industry professionals, take field trips to TV/radio stations, movie theaters, and colleges/universities, and participate in various competitions. Students will participate in a wide variety of projects that serve to both educate and excite students in the amazing opportunities creative expression that this field offers. The final assessment for the course is a portfolio as a demo reel to send to potential employers for entry-level positions. ***Successful completion of the class also gives the students the opportunity to earn college credit.*** (ENG155/ENG255)
Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: English elective; Fine Arts

Screenwriting 1

Students will learn to write compelling screenplays that connect with their audience's emotions using various techniques that will allow them to develop strong characters and well developed story lines. Students will learn to observe life around them, drawing inspiration from their everyday encounters and use these observations for the basis of their screenplays. Students will learn appropriate vocabulary, grammatical usage, and stylistic structures specific to genre. Students will also enhance their video production skills by utilizing the production process and bringing a select number of screenplays to the big screen. This class runs during the first semester. (ENG448)
Length of Course: Semester 1 or Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in Digital Media Arts
GR: Fine Arts; English elective

Screenwriting 2

Students will build upon their knowledge from Screenwriting 1 to focus on creating a feature length film. Students will create a screenplay that is at least 45 minutes in length and film it. They will learn how to budget, schedule for large productions, marketing and distribution. Students will present their film to a public audience.
(ENG449)
Length of Course: Semester 2
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in Screenwriting 1
GR: Fine Arts; English elective

Multimedia Production 1

Multimedia Production is the course for student journalism. Students will work on the live student news, Laker Update, as well as creating content for the podcast Swamp Stories, and the social media outlets. Working for the student body, student journalists provide news in all major formats: broadcast, streaming, web, and social media. Students will conduct interviews, write in a variety of journalistic forms, and produce content for multiple platforms. Students are expected to become analytical consumers of media and technology to enhance their communication skills. Students will create audio and video recordings, podcasts, interviews, commercials, public service announcements, online content, photos of events, and written copy for the web. Extra time, including some weekends and evenings, may be required beyond the class time. Students interested in being a part of Multimedia Production 1 need to have excellent time management skills, be able to meet deadlines, be comfortable speaking to people that they do not know, trustworthy, and responsible. Multimedia Production 1 is a yearlong class and students are expected to register for both semesters. ***Successful completion of the class also gives the students the opportunity to earn college credit.*** (ENG151A/ENG251A)
Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in Digital Media Arts
GR: Fine Arts; English elective

Multimedia Production 2

Building upon Multimedia Production 1, students will further their career path in the broadcast journalism field by moving past introductory broadcast knowledge and become leaders for the next group of students by taking on roles such as executive producer, executive director, or social media manager. Additional responsibilities come along with this experience such as larger projects, marketing and promotions, training new crew, managing schedules and shifts, and story assignments. For passionate students, this is the next step toward the "station" manager role. Extra time, including some weekends and evenings, may be required beyond the class time. Students interested in being a part of Multimedia Production 2 need to have excellent time management skills, be able to meet deadlines, be comfortable speaking to people that they do not know, trustworthy, and responsible. Multimedia Production 2 is a yearlong class and students must register for both semesters. (ENG011043/ENG011044)
Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade of "C" or higher in Multimedia Production 1
GR: Fine Arts; English elective

Multimedia Production 3

For students who move to this final level in Multimedia, they will have the opportunity to apply for the role of "station" manager. This could be for Laker Update (TV), Swamp Stories (Podcast) or WBHSmedia.com (Digital). These positions oversee everything in their department. In addition to this role and creating content for their platform, students will also work on longer format shows such as talk shows and game shows. Students will also work on building their portfolios and demo reels to apply for scholarships and internships. Extra time, including some weekends and evenings, may be required beyond the class time. Students interested in being a part of Multimedia Production 3 need to have excellent time management skills, be able to meet deadlines, be comfortable speaking to people that they do not know, trustworthy, and responsible. Multimedia Production 3 is a yearlong class and students are expected to register for both semesters. (ENG011045/ENG011046)

Length of Course: Full Year
Grade Level: 12
Prerequisite: Grade of "C" or higher in Multimedia Production 2
GR: Fine Arts; English elective

Podcast Production

Podcast Production is designed to help students become better storytellers and communicators. Students will advance on their basic understanding of podcasting that was learned in Digital Media Arts. They will design and produce podcasts about topics of interest to them, and they will learn how to publish and market their podcast. Students will learn best practices in audio gathering, interviewing, script writing, and editing. Students will publish their podcasts on Spotify, pushing out to other major distributors such as Apple Music and Amazon Music. (ENG05260A)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in Digital Media Arts
GR: Fine Arts; English elective

Video Field Production

This is a culminating capstone course for qualified students desiring occupational competencies for subsequent full-time employment or as a background for college. Students will develop and perfect their skills in an instructor approved capstone experience. (ENG168/ENG268)

Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: Grade of "C" or higher in Multimedia Production 1
GR: English elective; Fine Arts; Computers

English Department

Core Curriculum

WBHS requires 4 English credits to graduate

Summer homework may be required for some English courses.

Required				
Courses	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**
English Literature 9	X			
American Literature		X		
American Dream: Literature		X		
Honors American Literature		X		
World Literature			X	
Honors World Literature			X	
Multicultural Literature			X	
AP English Language & Composition*			X	
Electives				
College Essay Writing			X	X
Creative Writing			X	X
Debate	X	X	X	X
Debate 2			X	X
Intro to Theatre	X	X	X	X
Performance & Technical Theatre	X	X	X	X
Advanced Theatre		X	X	X
Honors Theatre		X	X	X
British Literature			X	X
Multicultural Literature			X	X
Digital Media Arts	X	X	X	X
Screenwriting 1 & 2		X	X	X
Multimedia Production		X	X	X
Multimedia Production 2			X	X
Multimedia Production 3				X
Mythology			X	X
Podcast Production		X	X	X
Points of View 1 & 2			X	X
Writing for Publication	X	X	X	X
Yearbook		X	X	X
Contemporary Young Adult Literature			X	X
AP English Language & Composition*			X	
AP English Literature & Composition*				X
AP Seminar		X	X	X

Courses satisfying grade 9 requirements

English Literature 9

This 9th grade English course will expose students to different genres of literature including short stories, drama, poetry, and novels. Works will include classic and contemporary selections. In addition, this course will cover literary terminology, grammar, vocabulary, essay writing, and research. Students will use analytical skills to make cross-textual connections and draw conclusions. This course is a requirement for graduation. (ENG118/ENG218)

Length of Course: Full Year
Grade Level: 9
Prerequisite: None
GR: English 9
NCAA approved

Courses satisfying grade 10 requirements

American Literature

This literature-based course will allow students to refine their writing, vocabulary, and grammatical skills while developing their independent thinking and reasoning skills through the analysis of American literature. (Students will read both classic and contemporary American Literature.) Writing experiences include logical structure of a research paper with textual evidence and valid sources, formal literary analysis, and impromptu writing. Attention will be given to preparation for the SAT, ACT, and state examinations. (ENG100/ENG200)

Length of Course: Full Year
Grade Level: 10
Prerequisite: none
GR: English 10
NCAA approved

American Dream: Literature

An innovative opportunity provided by both the English and social studies departments, this literature and writing based course will allow students to refine their writing, vocabulary, and grammatical skills while developing their independent thinking and reasoning skills through the analysis of American literature. Students will read both classic as well as contemporary literature, focusing on the historical significance. Writing experiences include logical structure of a research paper with textual evidence and valid sources, formal literary analysis, and impromptu writing. Attention will be given to preparation for the SAT, ACT, and state examinations. (ENG100D/200D)

Must take with American Dream: US History
Length of Course: Full Year
Grade Level: 10
Prerequisite: none
GR: English 10
NCAA approved

Honors American Literature

This writing-based survey of American Literature is primarily designed for college-bound tenth graders who have advanced reading, writing, speaking, listening, studying, and thinking skills. Moving at a faster pace and with more depth than American Literature, this course gives students a historical perspective of American Literature while developing students' vocabulary and refining their writing through journals, efficient informal and extemporaneous writing, essays of varying length and style, mastery of the research process, proficient editing skills, literary analysis, and impromptu themes. Sample readings may include works by Hansberry, and Fitzgerald, as well as poetry, plays, short stories, and non-fiction works by other renowned American authors spanning over 400 years of literary works. Attention will be given to preparation for the SAT, ACT, and state mandated testing. (ENG102/ENG202)

Length of Course: Full Year
Grade Level: 10
Prerequisite: Grade of "C" or higher in English 9
GR English: 10
NCAA approved

Courses satisfying grade 11 requirements

World Literature

In this required course for juniors, students will study various genres of classic and contemporary world literature. Narrative and informational texts will be read and analyzed with a special focus on a universal look at literature across time and cultures. Students will also study and practice forms of writing, editing, and grammatical structures. Students will prepare for college prep standardized testing success in English and writing sections. (ENG142/ENG242)

Semester: Year
Grade Level: 11
Prerequisite: none
GR English: 11
NCAA approved

Honors World Literature

As the course title implies, Honors World Literature covers literature from all corners of the world with a special emphasis on those countries or cultures which have had a significant impact on the rest of the world's literature. This year-long course will cover many different literary genres and many different literary periods in an attempt to demonstrate literary parallels that are cross-cultural. Materials covered will range from the days of the early Greeks to the modern works of the Twentieth Century. Emphasis will be on novels, plays, short stories, poems, and essays, depending on the popularity of the form for the particular period and the particular country. It will also be necessary to examine sociological attitudes and ideas which are specific to each era and country in order to develop a better understanding of the literature's origin and purpose. (ENG148/ENG248)

Semester: Year
Grade Level: 11
Prerequisite: Grade of "C" or higher in previous English course
GR: English 11
NCAA approved

Multicultural Literature

This literature course uses the lens of cultural norms, values, and traditions to study cultural backgrounds. Students will read, discuss, and write about contemporary novels, short stories, essays, poetry, and plays by and about authors of, but not limited to, African, Asian, European, LGBTQ+, Latino, Middle Eastern, and Native American descent. The assessments for the course include creative and expository writing, group/individual projects and presentations, technology and multimedia projects as well as impromptu essays. This course is designed to promote cultural awareness and a global understanding to the human experience. The first semester is focused on the adult experience through the texts *The Lone Ranger and Tonto Fistfight in Heaven*, *Homegoing*, *The Joy Luck Club*, and *Interpreter of Maladies*. The second semester looks at experiences through the lens of young adults while reading the novels *I'm Not Your Perfect Mexican Daughter*, *The 57 Bus*, and *Saints and Misfits*. ***There are sensitive topics addressed in literature and discussed in class.** (ENG144/244)

Length of Course: Full Year
Grade Level: 11
Prerequisite: None
GR: English 11 or English Elective
NCAA approved

Advanced Placement English Language and Composition

WEIGHTED. This course is an introductory college course designed to teach students the fundamental principles behind expository writing and rhetoric. Students in this course will go beyond analysis of prose and will delve into the meaning behind diction and intent. Students will analyze and process language for meaning, audience, style, tone, and diction. The material read in class will be chosen for its use of complex concepts as well as the unique approach it will give students into argumentative and impassioned writing. Writing styles such as imaginative, nonfiction, essays, speeches, and argumentative pieces will be explored and expanded upon. Students will be expected to identify intent and recognize the application for an intended audience and purpose. This is a high-paced and challenging course which will offer students a unique opportunity to take what they have learned in their previous English classes and push on to a new level, preparing them for success. This course is taken in addition to the American Literature or World Literature requirement. (ENG106/ENG206)

Length of Course: Full Year
Grade Level: 11
Prerequisite: Grade of "C" or better in previous English course
GR: English 11 or English elective
NCAA approved

English Elective Courses

College Essay Writing

This writing course is designed for college-bound students who have a serious interest in improving their composition skills. In addition to preparing a college application essay and a resume, students will produce a 6-8 page research paper in both MLA and APA styles. Students will write several essays on various topics during the semester. Vocabulary and grammar are incorporated in the course. Students will have the opportunity to enter essay and scholarship contests. (ENG 421 (11) & ENG422 (12))

Do not take if you took AP Language
Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: None
GR: English elective
NCAA approved

Creative Writing

This course is designed to ignite and cultivate a passion for writing through various techniques and genres of creativity. Students in this course will learn about the methods involved with writing fiction, including character development, novel organization, editing, and publishing. Units consisting of poetry analysis and expression, short story development, and writing for the stage will also be explored. Writing styles and the analysis of non-fiction, fiction, and poetry and well as digital editing, blogging, and web based journals will be explored. Students will be expected to create a writing portfolio containing a display of their work at the end of the semester along with self-reflection and assessment pieces to complement their completed product. (ENG410)

Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: None
GR: English elective
NCAA approved

Debate 1

This course is designed to teach the basic tools of formal and applied debate, including the ability to analyze issues, research and utilize evidence, organize and deliver logical arguments, use extensive debate terminology and procedures, and to speak persuasively. This course also develops skills in critical thinking, note taking, outlining, and researching. Competition in extracurricular debates will be encouraged but is not required. (ENG413)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: English elective; Fine Arts
NCAA approved

Debate 2

In this course, students participate in numerous debate tournaments to prepare for state level competition. Advanced writing and speaking strategies will be explored. In addition, students will be responsible for team organization and the execution of a tournament. Students are also expected to attend two local class competitions. (ENG412)

Length of Course: Semester 1
Grade Level: 11, 12
Prerequisite: Current member of WBHS Debate Team. Grade of "C" or better in Debate 1
GR: English elective; Fine Arts
NCAA approved

Intro to Theatre (Theatre 1: Introduction to Theatre)

This semester-long introductory theatre course is open to students of all grade levels with no prerequisite. Designed for students new to theatre or those seeking a strong foundation in acting and basic technical theatre, the course explores ensemble building, improvisation, monologues, and scene work. Through theatre games, character creation, script writing, and in-class performances, students develop creativity, confidence, and public speaking skills while collaborating in a supportive and engaging environment. Students do not need to take Intro to Theatre in order to enroll in Honors Theatre if they begin in Performance & Technical Theatre. (ENG415)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: English elective; Fine Arts

Performance & Technical Theatre (Theatre 2: Intermediate Performance Skills)

This semester-long intermediate theatre course is open to students of all grade levels, with prior theatre experience highly recommended. Designed for students with experience from middle school programs, community theatre, previous WBHS productions, or Intro to Theatre, the course builds on foundational skills through character development, scene work, movement, diction, directing, script analysis, and basic technical theatre. Students explore both performance and backstage work, including lighting, sound, costumes, sets, and props. The course culminates in a student-driven one-act play performed for a live audience and serves as the required prerequisite for Advanced Theatre. (ENG416)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: Intro to Theatre or previous theater experience
GR: English elective; Fine Arts

Advanced Theatre (Theatre 3: Advanced Theatre Productions)

This year-long, rigorous theatre course is designed for sophomores, juniors, and seniors ready for deeper acting work, script analysis, and increased leadership responsibilities. Admission is by instructor approval, with students selected through an acting audition or tech interview. The class provides advanced training in acting techniques applicable to both amateur and professional auditions, exposure to diverse script genres, and in-depth character and script analysis. Technical theatre students participate in professional workshops in their area of interest. The course culminates in a full-scale, student-led production in the WBHS auditorium and requires Performance & Technical Theatre as a prerequisite. (ENG117/ENG219)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Performance & Technical Theatre, or Audition
GR: English elective; Fine Arts

Honors Theatre (Theatre 4: Honors Studio Performance)

This year-long honors course is designed for dedicated theatre students, primarily seniors, who wish to advance their performance skills through competition, travel, and professional exposure. Admission is by audition, with exceptions for non-seniors considered only with instructor approval. Students explore studio versus main stage performance, learn to produce student-led shows that meet MIFA competition and festival requirements, and receive feedback from outside professionals to refine their craft. The course also covers fundraising, show selection, and culminates in on-camera studio work to develop marketable skills in both stage and screen performance. Students are strongly encouraged to complete Performance & Technical Theatre and Advanced Theatre before enrolling, though they may reach Honors Theatre through either Intro to Theatre or Performance & Technical Theatre if prerequisites are met. (ENG050794S1/ENG050794S2)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Advanced Theatre or Audition
GR: English elective; Fine Arts

British Literature

Selections will follow a thematic approach and involve students in discussions, visual enrichment, literary analysis, and class projects. In addition, students are exposed to historical and social philosophies. Students' study of literary genres will include the study of the following: the novel, the poem, the essay, and the drama. Special emphasis will be placed on writing and vocabulary development. Students will learn by using the literature as models to vary their audience and style as well as to learn the difference between reflective, creative and expository writing. Highlights from the class include: *Beowulf*, Shakespeare's *Macbeth*, Shelley's *Frankenstein*, Shaw's *Pygmalion*, Bronte's *Wuthering Heights*, and Chaucer's *The Canterbury Tales.* (ENG120/ENG220)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: None
GR: English elective
NCAA approved

Mythology

Students in this course will study the myths of multiple cultures and nations and how those myths form the basis for religious and cultural structures, as well as their appearance in literature. Special emphasis will be placed on how mythology appears in and affects our own culture today. Students will study the themes of mythology as they appear in myths from around the world, including ancient Greek/Rome, Norse, Native American, Egyptian, African, and Asian myths. Themes will include creation stories, loss of innocence, changes, rituals, heroes, drama, legends, and others. Comparisons between world myths will show similarities and differences. Students will be expected to write various assignments including essays, journals, and some creative writing in addition to completing projects, whether on their own or collaboratively. (ENG453)

Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: None
GR: English elective
NCAA approved

Points of View in Literature 1 & 2

Points of View Semesters 1 and 2 - A college prep class with a strong emphasis on social justice issues; we read books and design real world projects concerned with issues like mental health, veterans, the role of technology and government in the lives of citizens, the ongoing struggle for racial justice in America, women's inequalities, and so much more. Some books we read, discuss, and take action on include *Just Mercy, Slaughterhouse-Five*, *Fahrenheit 451, The Bell Jar*, *One Flew Over the Cuckoo's Nest*, *1984*, and student choice novels. ***There are sensitive topics addressed in literature and discussed in class.** (ENG437 & ENG438)

Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: none
GR: English elective
NCAA approved

Writing for Publication

This course is designed to acquaint students with the basic techniques of writing including but not limited to newspaper writing, literary writing, personal essay writing, podcasting and more. Students will practice interviewing, researching, organizing, editing, and developing final copy and headlines. Emphasis will be placed on professional attitude and behavior as well as perfecting journalistic skills. All students are responsible for writing, and writing is a major portion of the students' assessment. (ENG429)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: English Elective
NCAA approved

Yearbook

Students will be involved in every step of creating the WBHS yearbook. This includes copywriting, creative writing, editing, computer layout and graphics design, ad sales, marketing, photography, public relations, and distribution. ***Students apply by application in December and may be interviewed and chosen by returning student staff and the instructor.*** Students use creative writing, computer literacy, photography, and marketing and will have the opportunity to improve these skills on the yearbook staff. The final product will be a collaborative effort to produce a publication that chronicles a year in the life of our school. Extra time, including some weekends and evenings, ***are required*** beyond the regular class time. Students may take this class more than once and must enroll for two semesters each year. Staff is reviewed and invited back on a semester-by-semester basis. (ENG149/ENG249)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Application
GR: English Elective

Contemporary Young Adult Literature

In this course, students will engage with the growing body of contemporary literature written for and marketed to adolescents. We will read and discuss books related to gender, difference, sexual and cultural identity, race and class, friendship, coming of age, voice and silence, technology, and a range of other social and psychological themes. Students will share responsibility for facilitating discussion of whole class texts and read independently as participants in and facilitators of book club and literature circles. Other assessments include but are not limited to expository and creative writing, responses to the texts, individual and group projects, and presentations.(ENG450)

Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: None
GR: English elective
NCAA approved

Advanced Placement English Literature and Composition

WEIGHTED. This course is designed for the highly motivated college bound senior with a special interest in taking the national Advanced Placement English exams (Literature and composition and/or Language and Composition). Successful performance on these tests can mean college credit and/or advanced placement at the college or university the student will enter. In order to prepare properly throughout the year, almost all essays on the literature and issues discussed will be of an **impromptu** nature. This course contains advanced reading and writing concepts and moves at a pace comparable to a college freshman course; therefore, Advanced Placement is a weighted grade course. Readings may include Shakespeare's *King Lear*, Austen's *Pride and Prejudice*, Atwood's *The Handmaid's Tale*, and Chopin's *The Awakening*. ***There are sensitive topics addressed in literature and discussed in class.** (ENG104/ENG204)

Length of Course: Full Year
Grade Level: 12
Prerequisite: Grade of "C" or higher in previous English course
GR: English elective
NCAA approved

Advanced Placement Seminar

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Students learn to investigate a problem or issue, analyze arguments, compare different perspectives, synthesize information from multiple sources, and work alone and in a group to communicate their ideas effectively to a broader academic and professional audience of their peers and future colleagues. (ENG 25003A/ENG 25003B)

Length of Course: Full year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in previous English course
GR: English Elective
NCAA approved

Industry and Technology Department

Career and Technical Education (CTE)

WBHS requires 1 Visual, Performing & Applied Arts credits to graduate

- 1.0 credit or 2 semester classes

****Earn college credit at OCC for this course; contact your counselor for details**

Only Engineering Academy students are eligible for the Business Internship

May also enroll in CAD and/or Architecture 1 as schedule permits

Advancement in the program based on passing the previous level with a "C" or better or instructor approval.

Engineering Academy Requirements (1 per grade)

Courses	9th Grade	10th Grade	11th Grade	12th Grade
PLTW Introduction to Engineering Design **(STEAM student only)	X	X	X	X
Engineering 1	X	X	X	X
Engineering 2			X	X
Engineering 3			X	X
Engineering 4				X

Architecture /CAD

May count as college credit at some universities; see your counselor for details

Courses	9th Grade	10th Grade	11th Grade	12th Grade
Architecture 1	X	X	X	X
Architecture 2	X	X	X	X
Architecture 3		X	X	X
Architecture 4		X	X	X
Interior Design	X	X	X	X
Computer Aided Design (CAD) 1	X	X	X	X
Computer Aided Design (CAD) 2	X	X	X	X
Computer Aided Design (CAD) 3		X	X	X

Industry and Technology Course Descriptions

Project Lead the Way: Introduction to Engineering Design 1

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, as well as an engineering notebook to document their work. (INT140/240)

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: STEAM Student ONLY
GR: Senior year math based; Fine Arts

Engineering 1

Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3-D modeling software, as well as an engineering notebook to document their work. (INT100/200)

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Senior year math based; Fine Arts

Engineering 2

In this class, students will focus on design and more advanced drawings as well as exploring the fields of electrical engineering, biomechanical engineering, thermal dynamics, and environmental engineering through hands-on activities and projects. Further use of the Nine Step Engineering Process will be at the core of this course. Some projects completed in this class are alternative energy projects, and micro-electric vehicles. (INT110/INT210)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in Engineering 1 or PLTW
GR: Senior year math based; Fine Arts

Engineering 3

This course is a continuation of Engineering 2: Academy. Students in this class will be put into a simulated work environment, taking on a different engineering role with each project. Students will further hone their drafting, designing, building, and testing skills, while getting a real feel for the typical workplace environment, including deadlines, project managers, and team meetings. The Nine Step Engineering Process will be at the core of these projects, further utilizing the skills developed in the District's STEAM initiatives. Concurrently, these students may be enrolled in Honors of AP Physics and Algebra 2. The skills that are learned in those classes will be incorporated into the projects in Engineering 3: Academy. (INT120/INT220)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade of "C" or higher in Engineering 2
GR: Senior year math based; Fine Arts

Engineering 4

This course is a continuation of Engineering 3: Academy. In this course, students will be working on an individual, semester-long project of the student's choice. The remainder of their time may be spent completing an extended educational opportunity, a Work Based Learning, or a job shadow placement with a reputable engineering firm in the area. (INT130/INT230)

Length of Course: Full Year
Grade Level: 12
Prerequisite: Grade of "C" or higher in Engineering 3; Must have reliable transportation
GR: Senior year math based; Fine Arts

Architecture 1

This course begins with the study of residential design through the construction of basic floor plans, elevations and site plans. Students will learn about various architectural and residential styles. They will be introduced to famous architects that relate to residential design. Students will learn and utilize mechanical drafting techniques and a software program called Revit, which is an industry-based computer design program, both of which relates to the professional architectural industry. Students will learn professional presentation skills as they present their designs to the teacher and/or class. Students will explore a variety of careers and entrepreneurial skills related to architectural and construction industries. ***This is a one semester course. Students taking this course can also sign up for Architecture 2 and/or Interior Design. Successful completion of the class also gives the students the opportunity to earn college credit.*** (INT450)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Senior year math based; Fine Arts

Architecture 2

This is a continuation of Architecture 1 in which students will explore a deeper understanding of residential architecture. They will be introduced to the steps involved in the design process. Students will learn about renovation and remodeling of an existing structure, will explore the structural designs of a residential space, explore various materials used in residential architecture and the overall construction process of a house. Students will refine and apply skills and ideas they developed in Architecture 1 to produce more detailed architectural drawings. As part of the floor plan design, students will also learn basic interior design skills. Students will explore more advanced design topics, including sustainable architecture and how it affects the environment. Students will continue to develop their presentation and career skills. ***Successful completion of the class also gives the students the opportunity to earn college credit.*** (INT452)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: Grade of "C" or higher in Architecture 1
GR: Senior year math based; Fine Arts

Architecture 3

This course is a continuation of Architecture 2 in which students will explore advanced topics and gain a deeper understanding of previous residential topics. Students will be introduced to commercial design. Students will learn about the management component of architecture and how it relates to the project management and construction professions. Students will design at least three projects of their own choosing where they will write a proposal for each project and, once approved, will work through the project from schematic design to construction document completion. Students will also create a portfolio of course related materials and demonstrate deeper mastery of a course related topic to be chosen by the student and instructor. (INT453)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in Architecture 1
GR: Senior year math based; Fine Arts
Semester: 1 or 2

Architecture 4

This course is a continuation of Architecture 3 in which students will continue to explore advanced topics and gain a deeper understanding of residential and commercial designs. Students will design at least three projects of their own choosing where they will write a proposal for each project and once approved, will work through the project from schematic design to construction document completion. Students will also construct models of their designs. Students will add course related materials to their portfolios and demonstrate deeper mastery of a course related topic to be chosen by the student and instructor. (INT454)

Level of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in Architecture 1 and 2
GR: Senior year math based; Fine Arts

Interior Design

This course is designed to give students a basic understanding of interior design. Interior design is the art and science of enhancing the interior spaces of a building to achieve a healthier and more attractive and functional environment for those occupying the space. Students will develop plans by using the design process while identifying "client" needs and preferences. Students will learn skills necessary to create a functional and aesthetically pleasing interior. Projects are integrated throughout the course to provide applications in architecture, furniture styles, floor planning, color and lighting theory and interiors.
It is important to note that interior design is not just the art of making a space look and function better. Interior design students can apply their education to various jobs, such as commercial and residential design, furniture design, lighting design, realtor, event planner and more.(INT05193S1)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: ***None.*** *However, Architecture 1 must also be taken at some point within the student's school career. Architecture 1 can be taken prior to or within the same school year, or after Interior Design. Each course can be taken simultaneously in the same semester or in a different semester.*
GR: Fine Arts

Computer Aided Design (CAD) 1

This course is an introductory Computer Aided Design (CAD) and engineering graphics communication course. Students will learn how to use mechanical drafting tools and draw two-dimensional CAD drawings in AutoCAD, which is an industry-based computer design program. Students will learn about the various careers and occupations related to the CAD and design professions. Then students will begin drawing and designing with basic sketching and measuring/dimensioning techniques. Students will learn to build the geometry used to construct and design a variety of objects. Students build their knowledge towards multi-view and orthographic pictorial drawings of mechanical parts and components. Students will have many chances to design their own prototypes that apply their skills and knowledge to real-world problems and solutions using the Engineering Design Process. Students will also have several creative design projects throughout the semester. ***This is a one semester course. Students taking this course should also sign up for CAD 2. Successful completion of the class also gives the students the opportunity to earn college credit.***(INT 424)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Senior year math based; Fine Arts.

Computer Aided Design (CAD) 2

This course is a continuation of CAD 1 in which students explore more advanced CAD topics such as sectional, auxiliary drawing, tolerances, fasteners, working and assembly drawings. In this course, students solidify their knowledge of 2D drawing and also learn three-dimensional design systems using Autodesk Inventor. Students will also learn to create product documentation and production materials such as Bill of Materials and manuals.Students will also have several creative design projects throughout the semester to test their knowledge of CAD design. ***This is a one semester course. Students taking this course should also sign up for CAD 3. Successful completion of the class also gives the students the opportunity to earn college credit.***(INT425)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in CAD1
GR: Senior year math based; Fine Arts.

Computer Aided Design (CAD) 3

This course is designed to be a continuation of CAD 1 & 2 in which students will explore advanced topics and gain a deeper understanding of previous topics. Students will design at least three projects of their own choosing to create. Students will write a proposal for each project and once approved, will be working through the project. Students will participate in a design and/or engineering competition that will assist them in developing their professional design and presentation skills. Students will also have to create a portfolio of course related materials and demonstrate deeper mastery of a course related topic to be chosen by the student and instructor. ***Successful completion of the class also gives the students the opportunity to earn college credit.***(INT 426)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or higher in CAD2
GR: Senior year math based; Fine Arts.

Mathematics Department

Core Curriculum

WBHS requires 4 Mathematics credits to graduate

- 1.0 credit: 9th Grade – Algebra 1
- 1.0 credit: 10th Grade – Geometry
- 1.0 credit: 11th Grade – Algebra 2
- 1.0 credit: 12th Grade – Senior Year Math or Math Based Electives

By State mandate, students are required to take four years of mathematics, including Algebra 1, Geometry and Algebra 2. This is a very ambitious expectation, and it will take significant effort by the student to achieve in these courses. Mathematics is by nature a sequential discipline where each advanced course builds on the previously acquired knowledge and skills. As coursework becomes more advanced, greater emphasis is placed on retention and new application of previous skills.
In addition, it is recommended that courses completed in summer school be used to earn credit for a class that may have been lost during the school year (a repeat). This is an important step to take to recapture any credit that may have been lost. The recommendation for future courses is based upon achievement during the regular school year.

A word of caution is in order. We, as district mathematics faculty, truly desire all students to be successful in their study of mathematics. With success comes a myriad of benefits, not the least of which is student self-confidence, self-esteem and willingness to further pursue new challenges. As such, students and parents should carefully consider the decision to begin the accelerated sequence of courses in the eighth grade. It is intended that this five year accelerated sequence culminates with a 12th grade course election of Advanced Placement Calculus (collegiate level material). It is a very demanding sequence of study and should not be elected if there is any question of long-term sustained student mathematical interest, industriousness, ability, and dedication.

Summer homework may be required for math courses

Traditional Path (Required)

Courses	9th Grade	10th Grade	11th Grade	12th Grade
Algebra 1	X	X		
Geometry		X		
Algebra 2			X	
Algebra 2A			X	
Algebra 2B				X
Pre-Calculus				X

Accelerated Path* (Required Options)

Courses	9th Grade	10th Grade	11th Grade	12th Grade
Honors Geometry	X	X		
Honors Algebra 2		X	X	
AP Pre-Calculus		X	X	X
AP Calculus (AB)			X	X
AP Calculus (BC)			X	X
AP Statistics				X

*Accelerated program will pick up where the student left off in 8th Grade. Should a student exceed the WBHS offerings in Math, they will be scheduled for Dual Enrollment.

Senior Math Based Electives

The courses described in this section are designed to enrich interested student's mathematical understanding beyond what is offered in the traditional sequence.

12th Grade	
Algebra Formal Topics	Advanced Marketing
Accounting 1	Architecture 1
Pre-Calculus	Architecture 2
Honors Pre-Calculus	Architecture 3
AP Pre-Calculus	Architecture 4
AP Calculus (AB)	Computer Aided Design (CAD) 1
AP Calculus (BC)	Computer Aided Design (CAD 2)
AP Statistics	Computer Aided Design (CAD 3)
AP Computer Science A	Project Lead The Way: Introduction to Engineering Design 1
AP Computer Science Principles	Financial Management
Beginning Programming	Sports & Entertainment Marketing
Intermediate Programming	Video Game Design
Marketing	Accounting 2
Statistics	Real World Math

Prerequisites are listed under the course description

Mathematics Course Description

Algebra 1

Algebra 1 is a traditional Algebra 1 course and uses a "hands-on" approach. During the first semester, this rigorous course focuses on linear models and abstracting first-degree equations. A strong emphasis is placed on the symbolic manipulation skills of simplifying expressions and solving equations. Quadratic functions highlight the second semester of this course, with special emphasis on factoring, the quadratic formula and quadratic models. Authentic examples and simulations are used to help the students "bring the content to life." (MTH131/MTH231)

Length of Course: Full Year
Grade Level: 9
Prerequisite: None
GR: Algebra 1
NCAA approved

Geometry

Geometry is a model Geometry course with continued reinforcement of algebra. In this challenging course, students continue with their examination of quadratic functions via translational geometry. Boolean algebra prepares students for the classic geometry topics of parallel lines, triangle congruence and similarity, which will be developed by the students in the form of proof. Finally, trigonometry and special right triangles are explored both symbolically and through real-life models. (MTH132/MTH232)

Length of Course: Full Year
Grade Level: 10
Prerequisite: none
GR: Geometry
NCAA approved

Algebra 2

Algebra 2 continues with the study of Algebra, paying special attention to functional analysis and problem solving. Geometry continues to be studied and reinforced, while transcendental functions (exponential, logarithmic and trigonometric) continue to be explored and developed through real-life phenomena. Trigonometry has a much greater place in this course, as the Law of Sines and the Law of Cosines are introduced and developed. This demanding course also integrates preparation for the major assessments (i.e., ACT, SAT, MEAP) within the constructs of the curriculum. (MTH133/MTH233)

Length of Course: Full Year
Grade Level: 11
Prerequisite: Algebra 1
GR: Algebra 2
NCAA approved

Pre-Calculus

Pre-Calculus is a classic Pre-Calculus course. Function analysis and applications showcase this course. Transcendental functions continue to play a key role, as properties of logarithms and translations of trigonometric functions are developed and expanded. Rates of change, parametric equations, displacement and vectors (essential elements of Calculus) are introduced through applied problems and advanced in explorations. This challenging course provides the background necessary for success at the collegiate level. (MTH134/MTH234)

Length of Course: Full Year
Grade Level: 12
Prerequisite: Algebra 2
GR: Senior year math based
NCAA approved

Honors Geometry

Honors Geometry blends Algebra and Function Analysis with Geometry to prepare students for the challenges of honors course work. Students examine quadratic functions via translational geometry. Boolean algebra prepares students for the classic geometry topics of parallel lines, triangle congruence and similarity, which will be developed by the students in the form of proof. Trigonometry and special right triangles are explored both symbolically and through real-life models. The depth and rigor of this accelerated course exceeds the expectations of Geometry, though it is similar in content. (MTH152/MTH252)

Length of Course: Full Year
Grade Level: 9, 10
Prerequisite: Honors 8th grade Mathematics or Grade of "C" or above in Algebra 1
GR: Geometry
NCAA approved

Honors Algebra 2

Honors Algebra 2 continues with the study of Algebra, paying special attention to functional analysis and problem solving. Geometry continues to be studied and reinforced, while transcendental functions (exponential, logarithmic and trigonometric) continue to be explored and developed through real-life phenomena. Trigonometry has a much greater place in this course, as the Law of Sine and the Law of Cosine are introduced and developed. The rigor of this course exceeds that of 3BC. Discrete Mathematics topics, like sequences and series, are introduced and explored. (MTH153/MTH253)

Length of Course: Full Year
Grade Level: 10, 11
Prerequisite: Grade of "C" or above in Algebra 1
GR: Algebra 2
NCAA approved

AP Pre-Calculus

AP Pre-Calculus students explore everyday situations and phenomena using mathematical tools and lenses. Through regular practice, students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. They will learn how to observe, explore, and build mathematical meaning from dynamic systems, an important practice for thriving in an ever-changing world.

AP Pre-Calculus prepares students for other college-level mathematics and science courses. The framework delineates content and skills common to college pre-calculus courses that are foundational for careers in mathematics, physics, biology, health science, social science, and data science. Students study each function type through their graphical, numerical, verbal, and analytical representations and their applications in a variety of contexts. Furthermore, students apply their understanding of functions by constructing and validating appropriate function models for scenarios, sets of conditions, and data sets, thereby gaining a deeper understanding of the nature and behavior of each function type.

Modeling is also a key feature of the course. Students select, construct, and validate function models using transformations of functions and regressions. Students learn to select mathematical models-based characteristics of a bivariate data set; characteristics of covarying quantities and their relative rates of change; or a set of characteristics such as zeros, asymptotes, and extrema. Students also identify, interpret, and apply information from a function model for a given context or data set, subject to assumptions and limitations related to the context.

Through the course, students strengthen their procedural and symbolic fluency skills needed for higher level mathematics. While studying each function type, students solve equations and construct equivalent analytic representations in both contextual and purely mathematical settings. (MTH02110A/MTH02110B)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or above in Algebra 2
GR: Senior year math based
NCAA approved

Advanced Placement Calculus (AB)

WEIGHTED. **AB Calculus** completes Differential Calculus and the majority of Integral Calculus, which is slightly more content than the typical Calculus One course (first semester Calculus) offered in colleges. Upon successful completion of the AP Calculus AB exam, students can earn four college credits of Calculus and are prepared to take Calculus Two (second semester Calculus) in college. Topics primarily include differential calculus and integral calculus. (MTH156/MTH256)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade of "C" or better in Pre-calculus or AP Pre-Calculus
GR: Senior year math based
NCAA approved

Advanced Placement Calculus (BC)

WEIGHTED. **BC Calculus** completes slightly more content than what a typical college examines in Calculus One and Calculus Two (i.e., the first two semesters of college Calculus). This course completes Differential Calculus and Integral Calculus, sequences and series, vector analysis, and polar curves. Upon successful completion of the AP Calculus BC exam, students can earn eight college credits of Calculus and are prepared to take Calculus Three (Multivariate Calculus) in college. Topics primarily include differential calculus, integral calculus, sequences and series, polar functions, and vectors. (MTH157/MTH257)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade of C or better in AP Pre-Calculus
GR: Senior year math based
NCAA approved

Advanced Placement Statistics

WEIGHTED. This course introduces students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. This two-semester course exposes students to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. Students who successfully complete this course and examination may receive credit and/or advanced placement for a one-semester, introductory, college, statistics course. (MTH145/MTH245)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade of "C" or better in Algebra 2
GR: Senior year math based
NCAA approved

Statistics

This course provides a comprehensive overview of statistical concepts and techniques essential for understanding and analyzing data. Students will explore the fundamentals of descriptive statistics, including measures of central tendency and variability, as well as means of efficiently collecting data without bias. Key topics include probability theory and regression analysis. Emphasis will be placed on practical applications and real-world data, enabling students to develop critical thinking skills and a solid foundation for further study in statistics or related fields. Through hand-on projects and collaborative discussions, learners will gain experience in data collection, analysis, and interpretation, preparing them for informed decision-making in various professional contexts. Whether you're looking to enhance your analytical skills for personal or professional growth, this course is an essential step towards mastering the art of data-driven decision-making. (MTH02205A)

Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: N/A
GR: Senior year math
NCAA approved

Real World Math

Real World Math is a semester-long class that contains career-connected thematic units where students use high school mathematics to analyze everyday life and work. The content and instructional strategies support increased attainment of the common core high school content standards while developing the standards for everyday mathematical practice. Units to be covered include Health and Fitness, Environmental Science, Civic Readiness, Finances for Life, Digital World, and The Arts. (MTH02157A)

Length of Course: Semester 1 or Semester 2
Grade Level: 12
Prerequisite: N/A
GR: Senior year math

Math Electives and Support Courses

Algebra 2A

Algebra 2A covers the first semester of Algebra 2 in two semesters. **Eligibility for this course may require a personal curriculum. (MTH113/MTH213)**
Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Algebra 1
GR: Algebra 2 when combined with Algebra 2B
NCAA approved

Algebra 2B

Algebra 2B covers the second semester of Algebra 2 in two semesters. Combined with successful completion of Algebra 2A, students fulfill the Algebra 2 requirement established by the State of Michigan. **Eligibility for this course may require a personal curriculum.** (MTH114/MTH214)
Length of Course: Full Year
Grade Level: 12
Prerequisite: Algebra 2A
GR: Algebra 2 when combined with Algebra 2A
NCAA approved

Algebra Formal Topics

This math elective course is for students who are interested in enhancing their knowledge of general algebraic skills. A strong emphasis is placed upon traditional "pencil and paper" symbolic manipulation of algebraic expressions. This course is designed to assist students to be successful on their college math placement exam. (MTH141/MTH241)
*This course does **NOT** replace credit for Algebra, Geometry, or Algebra 2.*
Length of Course: Full Year
Grade Level: 12
Prerequisite: Algebra 2
GR: Senior year math based
NCAA approved

Music Department

Core Curriculum

WBHS requires 1 Visual, Performing & Applied Arts credits to graduate

- 1.0 credit or 2 semester classes

The West Bloomfield High School Music Department offers a wide variety of music courses; Band, Choir, and Orchestra. All courses fulfill the Fine and Applied Arts requirement for graduation. Courses in the music department may usually be repeated for credit.

The primary vehicle for performance class assessment of students is ensemble performance. A significant portion of the daily rehearsal activities is spent preparing for school and community performances; however, it is not possible for our performing ensembles to make adequate concert preparation solely during class time. **Students electing music performance classes are expected to attend rehearsals and performances that occur outside of the school day** (afternoons, evenings, weekends, etc.). Generally speaking, performing ensembles present one concert per marking period, although some groups require additional school and community performances as part of the regular curriculum.

Please contact the instructor for additional requirements.

Courses	9th Grade	10th Grade	11th Grade	12th Grade
Beginning Band & Strings	X	X	X	X
Concert Band	X	X	X	X
Symphony Band		X	X	X
Wind Ensemble		X	X	X
Philharmonic Orchestra	X	X	X	X
Concert Orchestra	X	X	X	X
Symphony Orchestra	X	X	X	X
Chorale	X	X	X	X
Concert Choir	X	X	X	X
Chamber Choir	X	X	X	X
Laker Express	X	X	X	X
Music Appreciation	X	X	X	X
AP Music Theory	X	X	X	X

Prerequisites are listed under the course description

Music Course Descriptions

Music Appreciation

In this semester-long course, students will "travel back in time" to explore the foundations of music and the history behind the music we listen to today. Music plays an important role in our daily lives and is woven into the fabric of society. Music is a constant presence in our everyday experiences.

Throughout the first three units, students will learn about key musical concepts. Then we will begin to examine the people, cultures, celebrations, and societies in which different music genres originated, from Ancient Times to the 21st Century. As students explore music's historical development, they will also consider important questions: How did music affect our lives? What is the relationship between music and the society in which it exists? How is music influenced by social, political, economic, and technological change?

Attending two local music performances will be required for this class. A field trip opportunity to Motown Records/"Hitsville USA" will be offered every semester. Students will be guided through engaging lessons, activities, listening examples, readings, and assessments designed to help them identify, analyze, and think critically about music in ways they may not have previously considered. By the end of the course, students will gain a deeper understanding of where, how, and why we listen to music, how music helps shape personal and cultural identity, and how music reflects, expresses, and sometimes challenges societal norms and values. (MUS05118A/MUS05118B)

Length of course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Fine Arts

Advanced Placement Music Theory

AP Music Theory is an advanced course designed for students seeking a deeper understanding of how music works. Through intensive study of music fundamentals, harmony, form, analysis, and aural skills, students develop strong listening, sight-singing, and part-writing abilities. The course prepares students for the AP Music Theory Exam and supports success in advanced ensemble work, composition, and future music studies. Prior experience in reading music is required. (MUS140/MUS240)

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Previous music experience, competency reading music and/or ensemble experience
GR: Fine Arts

BANDS

Beginning Band & Strings

Beginning Concert Band is an introductory band class offered to students with no prior instrumental music experience. This class is suitable for students who wish to learn a wind, strings, or percussion instrument for the first time, students with prior musical background who wish to learn a secondary (wind, strings, or percussion) instrument, or students who enrolled in instrumental music for one year at the junior high level and wish to resume instruction. In addition, musical fundamentals, including basic note and rhythm reading, tone, articulation, technique, etc. will be addressed. Students will have performance opportunities as well as opportunities to participate in field trips to local music performances and venues. (MUS05104A/MUS05104B)

Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Fine Arts

Concert Band

Concert Band offers all interested students with a moderate degree of proficiency on a band instrument an opportunity to perform. A wide variety of music is studied. Maintaining membership requires continued effort, interest, and proper deportment. Performances are a logical outgrowth and include concerts, festivals, solos, ensembles, recitals, and appearances within the community where appropriate. (MUS115/MUS215)

Attendance at all performances as well as rehearsals scheduled outside of class are mandatory.

Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Previous experience playing a band instrument
GR: Fine Arts

Symphony Band

Symphony Band offers all interested students with an intermediate degree of proficiency on a band instrument an opportunity to perform. A wide variety of music is studied. Maintaining membership requires continued effort, interest, and proper deportment. Performances are logical outgrowth and include concerts, festivals, solos, ensembles, recitals, and appearances within the community where appropriate. (MUS110/MUS210)

Attendance at all performances as well as rehearsals scheduled outside of class are mandatory.
Length of course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Audition only
GR: Fine Arts

Wind Ensemble

Wind Ensemble is a study of advanced, integrated instrumental music based upon a four-year cycle. The integrated music curriculum teaches technical, listening, translated, analytical, and performance skills for literature in historical and multi-cultural contexts. Wind Ensemble offers all interested students who play wind and percussion instruments an opportunity to study and perform a wide variety of music. The music performed is of the highest difficulty and quality in the wind band literature. Maintaining membership requires continued effort, interest, and proper deportment. Performances are logical outgrowth and include concerts, festivals, solos, ensembles, recitals, and appearances within the community where appropriate. The band may give a spring concert tour. (MUS108/MUS208)

Attendance at all performances as well as rehearsals scheduled outside of class are mandatory
Length of course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Audition Only
GR: Fine Arts

STRINGS

Concert Orchestra

This course offers all interested students with an intermediate degree of proficiency on a string instrument an opportunity to perform as an ensemble. A wide variety of music is studied. This course teaches technical, listening, analytical, and performing skills. Maintaining membership requires continued effort, interest, and proper deportment. Performances are a logical outgrowth and include concerts, festivals, solos, ensembles, recitals, and appearances within the community where appropriate. (MUS135/MUS235)

Attendance at all performances as well as rehearsals scheduled outside of class are mandatory.
Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Previous experience playing a string instrument required.
GR: Fine Arts

Philharmonic Orchestra

This course offers all interested students, with a beginning through beginning/intermediate degree of proficiency on a string instrument, an opportunity to perform as an ensemble while increasing one's musical technique/skill. A wide variety of genres of appropriate level music will be studied. This course teaches technical, listening, analytical and performing skills. Maintaining membership requires continued effort, interest and proper deportment. Performances are a logical outgrowth and include concerts, festivals, solo, ensembles, recitals and appearances within the community where appropriate. (MUS105/MUS205)

Attendance at all performances as well as rehearsals scheduled outside of class are mandatory.
Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Audition Only
GR: Fine Arts

Symphony Orchestra

This course is a study of advanced integrated instrumental music based upon a four-year cycle. The integrated music curriculum teaches technical, listening, analytical, and performance skills for literature in historical and multi-cultural contexts. This class is for all interested students with an advanced degree of proficiency on a string instrument. Maintaining membership requires continued effort, interest, and proper deportment. Performances are a logical outgrowth and include concerts, festivals, solos, ensembles, recitals, and appearances within the community where appropriate. (MUS107/MUS207)

Attendance at all performances as well as rehearsals scheduled outside of class are mandatory
Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Audition Only
GR: Fine Arts

VOCAL MUSIC

Chorale

Chorale is an entry-level choir designed for soprano and alto singers who are eager to develop their skills in vocal production, music theory, and sight-reading. Students in this course will explore a diverse selection of choral repertoire and perform at several concerts and events throughout the school year. No audition is necessary to join this ensemble. (MUS118/MUS218)

Attendance at all performances and after school rehearsals are mandatory.
Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: none
GR: Fine Arts

Concert Choir

Concert Choir is a soprano, alto, tenor, and bass (SATB) ensemble open to students in grades 9-12. This ensemble serves as the entry-level choir for tenor and bass singers, while soprano and alto singers must have prior high school choir experience. Students in this course will explore a variety of choral repertoire, develop sight-reading skills, strengthen their understanding of music theory, and enhance their vocal techniques. The ensemble will perform at several concerts and events throughout the school year. No audition is required to join this ensemble. (MUS120/MUS220)

Attendance at all performances and after school rehearsals are mandatory.
Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: previous high school choir experience
GR: Fine Arts

Chamber Choir

Chamber Choir is an intermediate-level soprano, alto, tenor, and bass (SATB) ensemble for students who have previous high school choir experience. This course builds on students' existing skills, focusing on developing sight-reading abilities, expanding music theory knowledge, and refining vocal techniques through a diverse selection of choral repertoire. Throughout the school year, students will perform in several concerts and events, including but not limited to MSVMA Solo & Ensemble, choral festivals, school functions, community events, and choral invitationals. Participation often involves commitments during and beyond the school day. Admission to Chamber Choir is by audition only.(MUS121/MUS221)

Attendance at all performances and after school rehearsals are mandatory.

Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Audition Only
GR: Fine Arts

Laker Express

Laker Express is an advanced-level soprano, alto, tenor, and bass (SATB) ensemble designed for students with prior high school choir experience. This highly selective group is dedicated to achieving musical excellence. Students in this course must have a strong understanding of music theory and demonstrate intermediate to advanced sight-reading skills. Membership is limited to 20 students, ensuring a focused and cohesive ensemble. Participants will perform in various concerts and events throughout the year, including but not limited to MSVMA Solo & Ensemble, choral festivals, school functions, community events, and choral invitationals. These performances often include commitments during and beyond the school day. Admission to Laker Express is by audition only. (MUS130/MUS230)

Attendance at all performances and after-school rehearsals is mandatory.

Length of course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Audition Required
GR: Fine Arts

See Director for appropriate course placement

Physical Education and Health Department

Core Curriculum

WBHS requires 1 Physical Education credit,
including Personal Health Education to graduate

- .5 credit: 9th Grade - Health Education
- .5 credit: 9th–12th – Physical Education

	9th Grade	10th Grade	11th Grade	12th Grade
Personal Health Education	X	X	X	X
Physical Education 1	X			
WBHS Aquatics	X	X	X	X
Aerobics		X	X	X
Physical Education 2		X	X	X
Pilates & Yoga Fitness		X	X	X
Sports Specific Advanced Conditioning		X	X	X
Weight Training & Conditioning		X	X	X

Prerequisites are listed under the course description

Physical Education Course Description

Personal Health Education

Health Education is a graduation requirement taken during the freshman year. The course provides knowledge and skills in areas, including emotional health, nutrition, exercise, alcohol and drugs, and human sexuality. Students have the opportunity to become certified in standard first aid, cardio-pulmonary resuscitation and automatic electronic defibrillation. Students are encouraged to take personal responsibility in making healthy decisions in regards to their physical, social, and mental/emotional well-being. (PED401)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Health Education

Physical Education 1

This course lays a foundation for students in physical education as well as insight for future elective choices. Students will receive instruction in fitness training which includes cardiovascular endurance, flexibility, muscular strength, and muscular endurance. Class activities include both team and individual sports focusing on skill development and game play. (PED402)

Length of Course: Semester 1 or Semester 2
Grade Level: 9
Prerequisite: None
GR: Physical Education

Aerobics

This class is ideal for cross-training purposes as well as for students looking to learn about physical fitness. Through comprehensive activities each student has the opportunity to improve their individual endurance, strength, flexibility, balance, and coordination. These activities can be used for a lifetime of wellness practices and include: low impact aerobics, step aerobics, kickboxing, strength training, circuit training, HIIT, Tabata, aqua aerobics (optional), and occasional game play. Each students' fitness is tracked through periodic fitness testing conducted as part of the WBHS Physical Education curriculum. (PED420)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Physical Education

WBHS Aquatics

WBHS Aquatics will instruct and familiarize students with the pool and its surroundings. Teachers will stress the importance of physical activity through swimming and water sports as well as water safety. Students will be introduced to all four racing strokes, flip turns, gliding, starts, front dives, the stride jump, hook save, circuit stations, water polo and the biathlon. WBHS Aquatics is designed to be taught with the non-swimmer in mind. (PED464)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Physical Education

Physical Education 2

This course is designed for students with previous physical education experience and a desire for more competitive and strategic game play. Activities include all of the fitness components, plus units of badminton, tennis, volleyball, floor hockey, basketball, soccer, touch football, ultimate Frisbee, table tennis, pickleball, team handball, shuffleboard, and interclass games of dodge ball and mat ball. (PED403)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Physical Education

Pilates and Yoga Fitness

Pilates and Yoga Fitness is a course designed for mainstream conditioning. A typical class includes Pilates mat work, yoga flows/balance and strength/cardio conditioning on a daily basis. Proper breathing techniques are emphasized to promote relaxation, coordination of the body and mind, as well as proper posture. This class is ideal for all levels of experience as modifications and advanced options are offered to suit individual needs. Each students' fitness is tracked through periodic fitness testing conducted as part of the WBHS Physical Education curriculum. (PED430)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Physical Education

Weight Training and Conditioning

This course features various cardiovascular conditioning activities including jumping rope, running, stair climbing and work on specific pieces of exercise equipment. Students will receive instruction in various types of weight training programs and lectures on anatomy, nutrition and steroid use. The class will include the use of free weights and various units of weight training apparatus. Each student may design and perform an individual program based on the above methods with instructor approval. (PED461)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Physical Education

Sports Specific Advanced Conditioning

This course offers a conditioning program to improve sports skills and specific athletic activities. It also improves fitness, speed, balance, core conditioning, and coordination with various protocols including plyometrics, agility, games, strength, and conditioning exercises. During semester 1, the focal point of the course will be the implementation of winter and spring sports. Semester 2 will focus on fall sports. The majority of the class structure will be composed of students participating in various junior varsity and varsity athletics at the high school level. Instruction will emphasize individual fundamentals, team strategies, sport-specific conditioning, and weight training to help students reach a higher level of performance. Students will engage in position-specific skill development where applicable and learn how individual roles contribute to overall team success. Team concepts and overall philosophy will be consistent with the athletic programs at WBHS. (PED470/PED472)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: Teacher Approval
GR: Physical Education

Science Department

Core Curriculum

WBHS requires 3 Science credits to graduate

- 1 credit: 9th Grade – Biology
- 1 credit: 10 Grade – Integrated Physical Science, Honors Chemistry, Honors Physics
- 1 credit: 11th Grade – Science Elective

Courses	9th Grade	10th Grade	11th Grade	12th Grade
Biology	X			
Earth Science			X	X
Integrated Physical Science		X	X	X
Human Biology		X	X	X
Honors Chemistry	X	X	X	X
Honors Physics		X	X	X
Medical Skills & Innovation		X	X	X
AP Biology		X	X	X
AP Chemistry		X	X	X
AP Physics 1		X	X	X
AP Physics "C" (Mechanics)			X	X
AP Environmental Science			X	X
Astrophysics			X	X
Invention and Innovation: A Science Capstone Experience (Science Capstone: Investigation & Design)				X
Medical Mentorship				X

Prerequisites are listed under the course description

Science Course Description

Biology

This is an introductory, college preparatory course. Students will engage in classroom lecture, discussion, and laboratory experiences. Students will access the Next Generation Science Standards through storylines that include both Science and Engineering Practices, as well as, Cross Cutting Concepts from topics including diversity of organisms, cellular and molecular biology, heredity, growth and development, structure and function of organisms, evolution, and ecology. (SCI120/SCI220)

Length of Course: Full Year
Grade Level: 9
Prerequisite: None
GR: Biology
NCAA approved

Earth Science

This course provides students with a wide variety of earth science concepts, principles and experiences. We live on an ever-changing, dynamic planet. Students will analyze and interpret data to describe patterns of Earth's features, generate and compare multiple solutions to reduce the impacts of natural Earth processes on humans and develop a model using an example to describe ways the geosphere, biosphere, hydrosphere, atmosphere and/or the cosmos interact. Units covered in class are Earth's Place in the Universe, Earth Systems, Earth and Human Activity. (SCI103/SCI203)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: None
GR: Science elective
NCAA approved

Human Biology

This class is designed for students to gain insight into the anatomy and the physiology of the human body. This class emphasizes project and laboratory work, such as rat and eyeball dissection, and creating models of the human skeleton, heart and even a digestive system. There may also be an opportunity to view a live surgery. Topics studied may include cells, histology, skeletal system, nervous system, digestive system, cardiovascular system, immune system, and parasitology. This class is an excellent resource for students who plan to take, or are currently enrolled in, the Medical Mentorship program, and/or Medical Skills and Innovations, as well as, students who are interested in pursuing a career in the medical profession. (SCI121/SCI221)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Biology
GR: Science elective
NCAA approved

Honors Chemistry

This chemistry course is designed for students that are interested in exploring the fundamental concepts of chemistry. Students will study topics including: atomic structure, quantitative relationships, chemical reactions, periodic law, thermodynamics and gas laws. The course allows students to develop a logical, analytical approach to problem solving. Students must be competent in algebraic skills. This course is intended for students who are self-motivated and possess a high level of academic skills. Honors Chemistry is a prerequisite for Advanced Placement Chemistry. (SCI134/SCI234)

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Grade of "C" or better in previous science courses; Incoming 9th grade students: teacher recommendation
GR: Physical Science
NCAA approved

Honors Physics

This exciting and challenging course is a **highly recommended prerequisite to studying mathematics, science, engineering or medicine in college as well as a suggested prerequisite for Advanced Placement Physics 1 and a necessary prerequisite for Advanced Placement Physics C**. Through lectures, labs, projects, and other activities, students will apply their algebraic and critical thinking skills to solve real-life problems. Topics covered include motion, Newton's Laws, linear momentum, circular motion, gravity, energy, waves, electrostatics, electricity, and magnetism. Students electing this course should be competent in algebra, trigonometry, graphing, conversions and calculator use, and have a strong interest in science. This class is recommended for those interested in physics and engineering. (SCI135/SCI235)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in previous science courses
GR: Physical Science
NCAA approved

Integrated Physical Science

This course will explore the big ideas in the physical sciences, exploring phenomena in physics and chemistry. They will use the Engineering Design Process (EDP) to investigate the physical world and emulate what scientists/engineers do to design and build systems and models. Through an inquiry-based approach, students will build, deepen, and apply their understanding of how the world works with the key ideas that traverse multiple science and engineering disciplines. (SCI130A/SCI230A)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: None
GR: Physical Science
NCAA approved

Medical Skills & Innovation

This course explores and develops the skills necessary to be successful in the healthcare professions. Our goal is to expose all of our students to a variety of healthcare professionals and to ask our students to dive deeper into their own healthcare field of interest. In addition, this course has a competitive, project-based curriculum that will prepare our students to be successful in the healthcare industry (SCI162/262)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Biology
GR: Science elective

Advanced Placement Biology

WEIGHTED. This course follows the outline for Advanced Placement in Biology. Subject matter involves a review of first and second year courses with a balanced presentation of animal physiology, microbiology, genetics, and evolution at the college level. (SCI125/SCI225)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in Biology
GR: Biology
NCAA approved

Advanced Placement Chemistry

WEIGHTED. This course follows the Advanced Placement Chemistry course outline and is designed to be the equivalent of a student's first college year in a general Inorganic Chemistry class. It is taught at a level and pace suggested by the College Board that will allow the student to successfully complete the course and possibly earn college credit by taking the Advanced Placement Chemistry exam. Topics include atomic structure, spectrophotometry, stoichiometry, phases of matter, gas laws, solutions, kinetics, equilibrium, acids and bases, electrochemistry and thermochemistry. Laboratory experiments with an inquiry based approach support topics studied and concentrate on developing lab techniques and analysis skills. This course is intended for students who are self-motivated, possess a high level of academic skill, and are prepared for a college-level program. (SCI131/SCI231)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in Honors Chemistry
GR: Physical Science; Science Elective; Senior year math based
NCAA approved

Advanced Placement Physics 1

WEIGHTED. This course is intended to provide an equivalent experience to the first semester of a university course in **algebra-based** physics, covering the topics motion, Newton's Laws, energy, momentum, rotation, angular momentum, universal gravitation and simple harmonic motion. AP Physics 1 does NOT require calculus. It is intended for students who plan to pursue **life sciences, medicine, psychology, or other sciences with less of a physical science basis, or non-science programs with science requirements**. This course is also suitable for those students who are pursuing studies in physical sciences or engineering, but are not taking calculus concurrently. Successful students will be prepared to place out of the first semester of college physics, or minimally will be exceptionally well-prepared to take such a college course. (SCI155/SCI255)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in previous science courses
GR: Physical Science; Science Elective
NCAA approved

Advanced Placement Physics C Mechanics

WEIGHTED. This course is intended to provide an equivalent experience to a first semester university or engineering school course in ***calculus-based*** physics. AP Physics C is for students who wish to specialize in ***physical science or engineering*** in college. Successful students will be prepared to place out of their first year of college physics, or minimally will be exceptionally well-prepared to take such a course in college. AP Physics C requires a previous or concurrent course in calculus, and calculus BC is recommended. Most engineering schools require AP Physics C for credit in their programs. Without a previous or concurrent calculus class, you should select AP Physics 1. (SCI153/SCI253)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade of "C" or better in Honors Physics or AP Physics 1; must be enrolled in at least AP AB Calc
GR: Physical Science; Science Elective
NCAA approved

Science Electives

Astrophysics

This course provides students with a wide variety of Astronomy concepts, principles, and experiences. Astrophysics centers on the theme *What did our ancestors see? What do we see? What will our descendants see?* Topics covered include the historical development of astronomy and its impact on society, understanding the annual/daily motion of common celestial objects, locating objects in the night sky, constellations identification and stellar evolution. Course work will include student projects and outside activities. (SCI470)

Interested students should be willing to conduct a number of early morning and evening observations.

Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: None
GR: Science elective
NCAA approved

Advanced Placement Environmental Science

The Advanced Placement Environmental Science class is designed to be the equivalent of a one semester, introductory college course in environmental science. It is intended to enable students to undertake a more advanced study of topics in environmental science and/or fulfill a basic requirement for a laboratory science course. The goal of the class is to allow students to be successful on the AP Environmental exam in May. Environmental Science is interdisciplinary and embraces the following core content: Earth Systems and Resources, The Living World, Population, Land and Water Use, Energy Resources and Consumption, Pollution, and Global Change. Outdoor exploration and field investigations are an integral part of this course. Students should expect to spend time outside throughout the year, weather permitting, and are expected to come prepared for outdoor learning experiences. (SCI105/SCI205)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade of "C" or better in previous science course
GR: Science elective
NCAA approved

Invention and Innovation: A Science Capstone Experience (Science Capstone: Investigation and Design)

The goal is for students to invest themselves in a project that takes aim at solving a problem or enacting a positive change. Project impact can range from a community level to a global scale. Students must be passionate about their project of choice. They will be expected to investigate, interact with and report findings of their project by the spring of their senior year. Students will negotiate the topic of the project with the facilitator to help ensure significant value. At the end of the process, the student will present their project to a public audience. Class will meet in the spring of the junior year to discuss topics and project planning. (SCI161/SCI261)

Length of Course: Full Year
Grade Level: 12
Prerequisite: none
GR: Science elective

Medical Mentorship

This course is designed to provide students with a shadowing opportunity in various medical settings throughout the metro Detroit area, including some at Henry Ford Hospital in West Bloomfield. Students will apply during their junior year. Highly recommended for applicants to have successfully completed either AP Biology or AP Chemistry by the end of 11th grade. Students are required to complete AP Biology by the end of the 12th grade. Medical Mentorship is a two semester course with one graduation credit. (SCI160/SCI260)

Length of Course: Full Year
Grade Level: 12
Prerequisite: AP Biology (prior to or concurrently), Application only
GR: Science elective

Social Studies Department

Social Studies Course Offerings

Each Social Studies course deals with a particular subject area that is the main focus of that course, but three additional common threads are found in all Social Studies courses which include geographical literacy, current events, and a greater awareness and acceptance of cultural differences.

Core Curriculum

WBHS requires 3 Social Studies credits to graduate

- 1.0 credit: 9th Grade – World History, or AP World History
- 1.0 credit: 10th Grade – United States History, US History DREAM, or AP US History
- 1.5 credit: 11th Grade – Civics or AP Government, Economics and Personal Finance or AP Macroeconomics and AP Microeconomics

Required Courses

Courses	9th Grade	10th Grade	11th Grade	12th Grade
World History	X			
United States History		X		
American Dream: US History		X		
Civics			X	
Economics/Personal Finance (Economics)*			X	
AP US Government & Politics			X	X
AP United States History (APUSH)		X	X	X
AP World History	X	X	X	X

Electives

	9th Grade	10th Grade	11th Grade	12th Grade
African American History		X	X	X
Cultural Studies of Gender		X	X	X
Global Studies of Genocide		X	X	X
Law & Order		X	X	X
Michigan History	X	X	X	X
PEER Mentorship W.E.B			X	X
Positive Psychology	X	X	X	X
Professional Apprenticeship			X	X
Psychology		X	X	X
Student Leadership	X	X	X	X
Wilderness Survival		X	X	X
AP African American Studies		X	X	X
AP European History			X	X
AP Macro-Economics		X	X	X
AP Micro-Economics		X	X	X
AP Psychology				X

Prerequisites are listed under the course description

*Upon completion of Economics, students will satisfy/meet the Michigan Dept of Education (MDE) Personal Finance graduation requirement and will see an additional 0.5 credit reflected on their transcript which may count toward VPAA, Math, or World Language. See course catalog for additional information.

Social Studies Course Descriptions

Required Courses

World History

World History takes a global and comparative approach to studying the world and its past to develop greater understanding of the development of worldwide events, processes, and interactions among the world's people, cultures, societies, and environment. The course is organized within historical eras and on different geographic scales. Students will work at three interconnected spatial scales: the global, interregional, and regional. Students will focus on the causes, consequences, and patterns of changes in human governance systems and changes over time as well as interactions among societies and regions, including trade, war, diplomacy, and international institutions. The impact of demographic, technological, environmental, and economic changes on people, their culture, and their environment will also be addressed. Students will explore cultural, intellectual, religious, and social changes across the world and the relationship between the environment and global and regional developments in population, settlement, economy, and politics. (SST140/SST240)

Length of Course: Full Year
Grade Level: 9
Prerequisite: None
GR: World History
NCAA approved

Advanced Placement World History

***WEIGHTED*.** The course offers *motivated students* the opportunity to immerse themselves in the processes that, over time, have resulted in the knitting of the world into a tightly integrated whole. AP World History offers an approach that lets students "do history" by guiding them through the steps a historian would take in analyzing historical events and evidence worldwide over a millennium. Advanced Placement World History offers truly balanced global coverage with Asia, Africa, the Americas and Europe each represented. The Advanced Placement program (AP) offers a course and examination in world history to qualified students who wish to complete studies in secondary school equivalent to an introductory college course in world history. Students who successfully complete the course may wish to take the World History Advanced Placement exam in May. (SST108/SST208)

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: For incoming 9th grade students, Grade of 'C' or better in prior social studies class
GR: World History
NCAA approved

United States History

In this course, students will be exposed to multiple viewpoints while learning about the people and events that influenced our country. They will engage in a variety of activities and will be asked to use their knowledge of the past to try to make sense out of the present. Students will study our nation's founding political ideals, and will critically evaluate times and places where people challenged, violated or expanded those ideals. Through a disciplined study of history, students will develop the skills for critical thought, analysis and expression that are essential for citizens in a democratic society. (SST100A/SST200A)

Length of Course: Full Year
Grade Level: 10
Prerequisite: None
GR: United States History
NCAA approved

American Dream: United States History

In this team-taught course, students will be exposed to multiple viewpoints while learning about the people and events that influenced our country. They will engage in a variety of activities and will be asked to use their knowledge of the past to try to make sense out of the present. Students will study our nation's founding political ideals, and will critically evaluate times and places where people challenged, violated or expanded those ideals. Through a disciplined study of history and literature, students will develop the skills for critical thought, analysis and expression that are essential for citizens in a democratic society. (SST100D/SST200D)

Must select American Literature Dream as an English
Length of Course: Full Year
Grade Level: 10
Prerequisite: None
GR: United States History
NCAA approved

Advanced Placement United States History (APUSH)

***WEIGHTED*.** Advanced Placement U.S. History is an intensive, university level history survey course designed for *academically motivated, self-directed students*. The goal of this course is to make sense out of this nation's past and present in intelligent, often provocative ways. Whereas, most history courses focus exclusively on political, economic, and military history, this course also examines the past from a variety of non-traditional perspectives. For instance, special emphasis is given to "debunking" commonly held historical myths and misunderstandings. A significant portion of this course focuses on different historical philosophies and conceptual frameworks, from the conservative to the extremely radical. Many students successfully completing this course go on to take the AP U.S. History national exam in May. (SST107/SST207)

Length of Course: Full Year
Grade Level: 10, 11,12
Prerequisite: Grade of "C" or better in prior social studies courses
GR: United States History
NCAA approved

Civics

The civics content engages students in thinking critically about civic life, politics, government and social justice. Students will study the origins and foundations of the American political system to understand how the Constitution functions to embody the purposes, values and principles of American Constitutional Democracy. Students will further examine the relationship of the United States and its role in world affairs. In addition, students will acquire skills to help them as citizens to identify, describe, explain, and analyze information and arguments as well as evaluate, take and defend positions on public policies. The acquisition of knowledge and skills and the development of civic values take place within a variety of contexts. Understanding of home, school, community, state, nation, and the world are especially important in civic education. (SST416)

Length of Course: Semester 1 or Semester 2
Grade Level: 11
Prerequisite: None
GR: Civics
NCAA approved

Economics/Personal Finance

Students will develop an understanding of how economies function and learn to apply economic and financial concepts and principles to their lives as informed citizens. Mastering these skills will help students make sense of daily events, analyze and address economic challenges, and develop practical solutions to public policy issues. The course emphasizes critical thinking about globalization, preparing students for responsible citizenship, lifelong learning, and active participation in our Nation's global economy. Topics include individual and household decision-making, budgeting and saving, using credit, investing, paying taxes, and analyzing public policy. Students will explore economic concepts and principles within three primary contexts: individual and household, business, and government or public sectors. (SST417)

Length of Course: Semester 1 or Semester 2
Grade Level: 11
Prerequisite: None
GR: Economics, Personal Finance
NCAA approved

Advanced Placement U.S. Government and Politics

WEIGHTED. Advanced Placement U.S. Government and Politics is an intensive college level course designed for students wishing to engage in an advanced course of study in U.S. government and the political process. The goal of this course is to help students make sense out of this nation's governmental and political structures in the context of specific historical, economic and social frameworks. This class will examine the U.S. government as a complex structure meriting thoughtful, critical analysis. The integration of current events and online activities allows students to actively engage with the political process in meaningful ways. Most students enrolling in this course opt to take the national Advanced Placement exam in May and special attention is given to preparing students for this exam. A political participation project may be required of all students enrolling in this course. (SST105/SST205)

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade of "C" or better in prior social studies courses
GR: Civics
NCAA approved

Social Studies Elective Courses

African American History

An elective course that examines the history and culture of Africa and the African-American experience in an interdisciplinary format, including an analysis of the unique historical, cultural and social developments from Earth's earliest civilizations to the present day. The course will address the culture retained by Africans enslaved in the Americas. Critical thinking, reading, writing, and oral presentation skills are emphasized. (SST448)

Length of Course: Semester 1 or 2
Grade Level: 10, 11, 12
Prerequisite: none
GR: Social Studies elective
NCAA approved

Cultural Studies of Gender

This course explores the evolving roles of people in societies across the globe. Students will investigate how individuals are shaped by socialization and cultural influences, focusing on the roles individuals occupy within families and communities. Using a multicultural perspective, the course examines both historical and contemporary views on gender roles. Students will engage in critical analysis of these roles, explore diverse perspectives, and propose potential solutions to gender-related challenges they encounter in society. (SST464)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Social Studies elective
NCAA approved

Global Studies of Genocide

Students will explore key theories and concepts to understand the causes and impacts of genocide. The course highlights the social and cultural forces that contribute to genocide, including stereotyping, discrimination, antisemitism, institutional changes, and societal or political indifference. Genocides studied may include the Herero and Namaqua genocide, the Armenian Genocide, the Holodomor, the Holocaust, the Cambodian Genocide, and the Rwandan Genocide. Additional historical and contemporary cases may also be discussed. (SST465)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Social Studies elective
NCAA approved

Law & Order: An Introduction to Practical Law

Explore the fascinating world of law and our legal system. In this introductory course you will gain a foundational understanding of legal concepts, systems, and their real-world practical applications. Students will delve into the principles that govern our legal system, examining both historical and contemporary issues. This course combines theoretical knowledge with practical insights, encouraging critical thinking, ethical reasoning, and effective communication. Topics explored include civil and criminal law, business law, consumer law, trial procedure, constitutional law, property law, careers in law and more. We will also engage in a mock trial and other legal simulations. This Introduction to Law class serves as a valuable stepping stone for those considering future studies or careers in law, as well as for students interested in understanding the everyday legal aspects of the world around them. (SOC04162S1)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Social Studies elective
NCAA approved

Michigan History

Michigan History is a review and analysis of the social, economic and political history of the State of Michigan. This class will examine the full range of human experience. The significant historical periods covered include Michigan's Geologic History, The first indigenous people, Arrival of the French,, British and the Fur Trade, American settlers in the Territorial Years, Statehood, The Rise of Michigan's first major industries, The Rise of the Auto Industry, The Great Depression, World War II and Post-War social, demographic, and economic developments, including the decline of the auto industry.

This class will emphasize multiple readings from various perspectives, with a heavy emphasis on visual aids. Michigan History offers a fun and unique perspective on our state - come and learn why we are the Great Lakes State of Michigan!

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Social Studies elective
NCAA approved

Peer Mentorship W.E.B.

Peer Mentorship W.E.B. (Where Everyone Belongs) provides an opportunity to foster a positive environment for West Bloomfield High School students. This course concentrates on leadership training for peer mentoring practices. Students help 9th graders academically, socially, and emotionally as they transition to high school life. Mentors meet frequently with community leaders to share experiences and acquire new skills. The focus of this course is preparing our students to be their best in and for the world. In addition to daily class work, there are mandatory assignments that will take place outside of class that revolve around freshman related activities. Students must apply to this course by early February for consideration. Students selected as mentors have shown exceptional leadership and dedication to their community and to their school. (SST470)

Semester: 1
Grade Level: 11, 12
Prerequisite: Application
GR: Social Studies elective

Professional Apprenticeship

The Professional Apprenticeship internship class is an opportunity for mature, outgoing, intellectually curious and responsible students to provide a public service to the community in a field they are interested in pursuing as a career. The general areas of internship possibilities include working with professionals in law, government, politics, education, business and non-profit organizations. Students are mentored by a professional in their interest area and are exposed to parts of the profession that may otherwise be inaccessible to someone their age. This is a year-long course that affords students two semester-long internships. This class aspires to instill a value of public service, provides a first-hand glimpse of the challenges and rewards that a career has to offer, builds strong communication skills and trains students in professionalism. Students will be expected to attend their placements for a minimum of 3 hours a week throughout the school year and will be monitored by a classroom teacher. Students will be responsible for their own transportation to their internship sites. (SST168/SST268)

You and your parents are responsible for all transportation to and from your internship. Before you start, you must complete and turn in all required forms, including:

- ***A copy of your driver's license or your driver's license of the person driving you***
- ***Proof of the driver's insurance***
- ***The school driving form***
- ***Signed parent permission/waiver forms***

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Reliable transportation
GR: Social Studies elective

Positive Psychology

Positive Psychology is a semester-long course that explores the past, present, and future of positive psychology. Positive interventions are one of the building blocks for the application of positive psychology in our day-to-day lives. We will examine positive interventions through theory, research and practice. Several types of resilience interventions are explored including cognitive strategies to manage anxiety and increase positive emotions. Students will analyze evidence-based strategies in the following areas: happiness, well-being, grit, resilience, growth mindsets, character strengths, mindfulness, and hope and gratitude. Students explore the concepts, the research behind the concepts, cognitions, and practices that enhance well-being. (SOC04255)

Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: Social Studies elective
NCAA approved

Psychology

This course is an introduction to the study of human behavior. It probes both normal and abnormal behavior, studies different approaches to therapy and analyzes recent investigations and experiments in the field of psychology. (SST458)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, 12
Prerequisite: None
GR: Social Studies elective
NCAA approved

Student Leadership

This class is offered to all students. Students who wish to be in Student Leadership must fill out an application and obtain teacher recommendations. The goal of Student Leadership is to develop leadership skills and provide students opportunities to put their skills to use in real life situations. Students work on a variety of projects that they propose, plan, execute and evaluate throughout the semester. Students will learn to become effective leaders by developing skills in public speaking, problem solving, goal setting, record keeping, decision making, written communication, committee work, organization, time management, inter and intra-personal management, and citizenship development. (SST467)

Length of Course: Semester 1, Semester 2 or Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Application
GR: Social Studies elective

Wilderness Survival

This semester-long course provides an in-depth exploration of essential survival skills, blending practical hands-on training with historical context to equip students with the knowledge and abilities necessary to handle a variety of survival situations. Each week focuses on a different aspect of survival, from basic first aid to advanced navigation techniques, and integrates historical case studies to enrich learning. Through a series of structured lessons, students will engage in interactive activities, group discussions, and practical exercises designed to develop both technical skills and mental resilience. (SOC04999A)

Length of Course: Semester 1 or Semester 2
Grade Level: 10, 11, & 12
Prerequisite: N/A
GR: Social Studies elective

Advanced Placement African American Studies

AP African American Studies in an interdisciplinary course that examines the diversity of African American experiences through direct encounters with authentic and varied sources. Students explore key topics that extend from early African kingdoms to the ongoing challenges and achievements of the contemporary moment. This course foregrounds a study of the diversity of Black communities in the United States within the broader context of Africa and the African diaspora. (SOC04107S1/SOC04107S2)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Grade "C" or better in previous Social Studies course
GR: Social Studies elective
NCAA approved

Advanced Placement European History

WEIGHTED*.** The AP European History course is an intensive, university level European History survey course designed for ***academically motivated, self-directed student. AP European History develops an understanding of main themes in modern European history, including political and diplomatic, intellectual and cultural, social and economic history. Analyzing historical evidence and reading critical literary narratives is integrated into the chronological order. This course's conception is the renaissance and concludes with the demise of communism in Eastern Europe, reunification of Germany, and the crisis of global terrorism. (SST109/SST209)

This course is offered only in even numbered years.
Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade "C" or better in previous Social Studies course
GR: Social Studies elective
NCAA approved

Advanced Placement Macro-Economics

WEIGHTED. This one-semester course is designed to teach students the economic reasoning practices needed to interpret the economy as a whole. Aggregate supply, aggregate demand, inflation, unemployment, fiscal policy, and monetary policy are some of the topics covered. International economics and global trade are used to enforce the current global economy. This course is designed to prepare students to participate in the Advanced Placement Macroeconomics exam offered in May. (SST472)

Recommended Related Course for Business Internship
Students are eligible for DECA
Length of Course: Semester 1
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in previous Social Studies course
GR: Economics with AP Microeconomics
NCAA approved

Advanced Placement Micro-Economics

WEIGHTED. This one-semester course equips students with the economic reasoning skills needed to analyze industries and specific markets. Topics include competition, production and productivity, elastic and inelastic goods, profit maximization, and taxation. Current marketplace trends such as global trading and outsourcing are also explored. The course prepares students for the Advanced Placement Microeconomics exam offered in May. In addition, personal finance topics are covered, including earning income, buying goods and services, budgeting and saving, using credit, financial investing, protecting and insuring, and paying taxes.(SST473)

NOTE: Successful completion of AP Micro/Macro fulfills the economics and personal finance graduation requirements.
Recommended Related Course for Business Internship.
Students are eligible for DECA.
Length of Course: Semester 2
Grade Level: 10, 11, 12
Prerequisite: Grade of "C" or better in previous Social Studies course
GR: Economics with AP Macro-Economics; Personal Finance
NCAA approved

Advanced Placement Psychology

WEIGHTED. Advanced Placement Psychology is an intensive course designed for the highly motivated student who wishes to explore the scientific study of behavior and mental processes in humans, and other animals. Major units of study include history, methods, and approaches; biological bases of behavior; sensation and perception; states of consciousness; learning; cognition; intelligence and testing; motivation and emotion; developmental psychology; personality; abnormal psychology and treatment; and social psychology. Special emphasis will be placed on the study of psychology as a science, including research methods, statistics, testing, and ethics. Students will be assessed through formal papers, exams, research projects, readings, and other written assessments. The rigorous nature of the class requires students to utilize higher-level critical thinking skills including the ability to grasp abstract concepts and apply these concepts to the world around them. AP Psychology is a year-long course that prepares students to take the Advanced Placement Psychology Exam offered in May. (SST159/SST259)

Length of Course: Full Year
Grade Level: 12
Prerequisite: Grade of "C" or better in previous Social Studies course
GR: Social Studies elective
NCAA approved

World Language Department

Core Curriculum

WBHS requires 1 World Language credit (of the same language) to graduate

The World Language Department offers the student the opportunity to take up to five years of a language. Students may elect French or Spanish.

Certain highly selective universities strongly recommend four years of study. Four years of a world language in high school are an approximate equivalent to two years of a college language course. All 5th year language courses are ***WEIGHTED***. Preparation for the Advanced Placement exam in French, and Spanish occurs at this level.

	9th Grade	10th Grade	11th Grade	12th Grade
American Sign Language 1	X	X	X	X
American Sign Language 2		X	X	X
French 1	X	X	X	X
Spanish 1	X	X	X	X
French 2		X	X	X
Spanish 2	X	X	X	X
French 3			X	X
Spanish 3		X	X	X
French 4			X	X
Spanish 4			X	X
AP French Language & Culture*				X
AP Spanish Language & Culture*				X

Prerequisites are listed under the course description
*Teacher recommendation required

World Language Course Description

American Sign Language 1

This is a basic course in manual communications. The class concentrates on an introduction to American Sign Language (ASL) as used by the Deaf community in the United States. Students analyze structure, compare cultural values, and explore physiological aspects of deafness. The course of study will focus on dialogues that strengthen personal interaction skills. ASL is the third most used language in the United States. We will explore the vast job opportunities that are available with a college major or minor in ASL. (WRL24852A/WRL24852B)

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: World Language
NCAA approved

American Sign Language 2

The second year of American Sign Language (ASL) course continues the development of linguistic proficiency and cultural awareness begun in the first year of ASL study. Introducing new vocabulary and more complex grammatical structures will increase comprehension. Students continue to build their vocabulary, analyze linguistic structure, and increase their understanding of the cultural dynamics taking place in the Deaf community. This will allow students to express themselves in a wider variety of situations and with a greater degree of accuracy. (WLR24853A/WRL24853B)

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: American Sign Language 1
GR: World Language
NCAA approved

French 1 (GLB321)
Spanish 1 (GLB371)

Level 1 is an introduction to basic grammar structure, pronunciation, practical vocabulary, culture and listening comprehension. Reading and writing of short passages are part of the instruction. Speaking in the target language is an important part of the course.

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: None
GR: World Language
NCAA approved

French 2 (GLB322)
Spanish 2 (GLB372)

Level 2 continues to build on skills introduced at the first level. Increased emphasis on oral proficiency, cultural activities, skits, guided composition and longer reading selections are an integral part of instruction.

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Level 1; Incoming 9th grade students: successful completion of Level 1
GR: World Language
NCAA approved

French 3 (GLB323)
Spanish 3 (GLB373)

Level 3 reinforces creative use of grammatical structures, speaking, listening and writing. At this level, there is a focused emphasis on speaking in the target language. Supplemental literature is introduced via multimedia resources to enhance cultural understanding and to stimulate discussion.

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Level 2
GR: World Language
NCAA approved

French 4 (GLB324)
Spanish 4 (GLB374)

Level 4 allows for completion, reinforcement and internalization of grammar. Vocabulary is expanded through supplemental readings and multimedia resources. The primary focus is on conversation and composition. Cultural instruction continues throughout this level.

Length of Course: Full Year
Grade Level: 10, 11, 12
Prerequisite: Level 3
GR: World Language
NCAA approved

Advanced Placement French Language and Culture (GLB326)
Advanced Placement Spanish Language and Culture (GLB376)

WEIGHTED. AP is designed for the advanced student of World Languages. This course integrates reading, writing, listening and speaking at an accelerated level requiring students to communicate and comprehend entirely in the target language. Reading selections chosen will enhance the student's appreciation of the literature and culture of the World Language. This course is helpful for students preparing to take university placement exams and/or advanced placement exams.

Length of Course: Full Year
Grade Level: 11, 12
Prerequisite: Grade "C" or better in Level 4
GR: World Language
NCAA approved

Unique Course Offerings

The ***Unique Course Offerings*** are a full continuum of courses designed to help each student achieve academic success and enhance the educational experience regardless of individual learning challenges. Support courses at WBHS include special education and general education courses.

Dual Enrollment

Dual Enrollment (PA 160 or 1996) is an option designed to allow students to take courses at the college level on a college campus. This program is intended to provide opportunities to students who exceed the WBHS offerings. Interested students are encouraged to speak with their counselor early, as specific eligibility requirements apply. **Deadline for application for the first semester is May 1, and second semester, December 1.**

A student may be denied from taking future dual enrolled courses if they do not receive credit for courses taken in a previous semester. A student that does not receive college credit for a course under the Dual Enrollment legislature (PA 160 or 1996) *is required to repay the school district any funds that were expended for the course that were not already refunded by the eligible postsecondary institution. If the student does not repay the funds as described in [MCL 388.514], the district may impose sanctions as determined by school policy.* (SPT110/SPT210)
Length of Course: Semester 1 or Semester 2
Grade Level: 11, 12
Prerequisite: Administrator Pre-Approval Required. Specific State requirements must be met
GR: None

Community Service Credit

Students may earn Community Service Credit by performing service as a non-paid volunteer experience at a local approved agency or organization. Students interested in this opportunity must make necessary pre-arrangements with an Administrator, Counselor and Community Service Coordinator for approval of the agency or organization. To earn one-half (1/2) credit, students must complete one hundred (100) hours of service. A maximum of one (1) full credit may be earned in Community Service during the high school experience. (CMS101; CMS201)
Length of Course: Semester 1 or Semester 2
Grade Level: 9, 10, 11, 12
Prerequisite: Administrator Pre-Approval Required
GR: None

General Education Course (SPRINT)

This course provides academic and organizational interventions for students who need to improve their performance, but can also be a quiet place to complete rigorous homework while being challenged in school. Activities include daily goal setting, PowerSchool monitoring, teacher conferencing and mentoring, problem-solving strategies, and assistance with class assignments. SPRINT provides a supportive environment while students complete homework and work toward personal goals. Students will also have opportunities to work with Khan Academy to improve reading and math skills for SAT/ACT prep. (SEC320)
Length of Course: Semester 1 or Semester 2 or Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Teacher or Counselor Recommendation
GR: None

LINK Student

A **LINK** or **Peer to Peer Support** student assists a WBHS student with special needs in his/her general education or special education class LINK is an evidence-based practice that improves social, independence, and/or academic skills for students with disabilities. Participating in the LINK program will help students develop an understanding of individuals with disabilities and will strengthen mentoring and leadership skills. LINK will be particularly interesting to students wanting to explore or pursue a career in social work, teaching, or psychology but is a great experience for all! Training **will be** provided by a school social worker/LINK teacher **as needed throughout the semester**. To become a LINK, a student should speak to their counselor **to see if this is a good fit for you**. (CMS402)

Length of Course: Semester 1, Semester 2 or Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Counselor approval, 90% positive attendance
Coordinator/LINKS Teacher.
GR: None

MVU (Michigan Virtual University)

Virtual courses may be selected from Michigan Virtual University, course catalog, or pupils may select courses from the statewide virtual course catalog (Michigan Virtual University).

Special Education Courses

Students identified by an Individualized Education Program Team (IEPT) will be placed in the appropriate Special Education courses when their needs cannot be met within the general education curriculum. These courses are designated as Resource Room (RR) courses offered in reading, English, math, social studies, learning strategies, and career exploration.

English Language Development

ELD English 1, 2

These year-long courses are thoughtfully designed to advance students' English language development through immersive and engaging activities in listening, speaking, reading, and writing. Students will explore a wide range of topics, developing critical thinking skills while receiving targeted support to meet their language proficiency needs. Interactive and collaborative opportunities allow students to express their ideas, engage in meaningful discussions, and critically evaluate the perspectives of others. The curriculum integrates the WIDA ELD Standards and aligns with the English Language Arts Common Core State Standards. **ELD English 1** is tailored for students at beginning to intermediate levels of English proficiency, focusing on building foundational skills and confidence. **ELD English 2** is designed for students at intermediate to advanced proficiency levels, emphasizing more complex language structures. Placement is determined by English proficiency levels and teacher recommendations. Both courses fulfill the high school English credit requirement for the student's grade level, supporting their academic success and language growth. (ESL101/ESL201)(ESL110/ESL210)

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Language Assessment
GR: English

ELD Learning Strategies

This elective course empowers students in the English Language Development program to acquire essential academic language skills and apply them across various subject areas. Through engaging lessons, students will enhance their ability to navigate academic texts, communicate effectively, and succeed in all content areas.
Placement is determined by teacher recommendations, assessment data, and WIDA proficiency levels, ensuring that instruction is tailored to meet individual student needs. This course provides support to students working toward achieving their academic and linguistic goals. (ESL115/ESL215)

Length of Course: Full Year
Grade Level: 9, 10, 11, 12
Prerequisite: Language Assessment
Credit: Elective

E-Link

Students enrolled in E-link will assist a WBHS English learner with language and content area support and serve as a mentor to the English learner. E-Link follows an evidence-based practice that improves reading, writing, speaking, listening, and social and/or academic skills for EL students. It also provides leadership skills and mentorship experiences for the student enrolled in the class.

Participating in the E-LINK program will help students

- develop a cultural understanding of individuals who have just immigrated to the U.S and advocate for minority population
- grow their skills in translation or working with students whose native language is other than English.
- develop in leadership and mentorship skills
- become be advocates for those who are new to the school by helping them understand the American cultural norms

E-link will be particularly interesting to students wanting to explore or pursue a career in foreign relations, translation, cultural advising, and teaching.
Training will be provided by an ELD Teacher/ELD Coach as needed throughout the semester.
(CMS22104A/CMS22104B)

Length of Course: Semester 1, Semester 2 or Full Year
Grade Level: 11, 12
Prerequisite: Counselor approval, Application
GR: Elective

Oakland Schools Technical Center (OSTC)

Courses are open to 11th and 12th grade students. Students are assigned to OSTC by their home school counselors during Spring registration for fall courses. Students spend two and one half (2.5 hours) per day, five days per week, at the Center. Travel time is an additional 30 minutes. The other portion of the day is spent in the home high school. Due to the division of time between schools, some instruction time is missed at WBHS. Students are responsible for all assignments given during missed instruction time. *Attendance at Oakland Schools Technical Center is critical. OSTC bases 30% of a student's grade on attendance.* A number of vocational and technical programs are offered. **WBHS does not participate in the full day OSTC program.** Students requesting an exception to this policy must get written Administration approval by May 1 of their Junior year.

OSTC P.M. Session runs from 11:20 a.m.—1:50 p.m.

More information is available at www.ostconline.com

Career Pathways:

- Arts and Communication
  - Graphic and Communication Design
- Business, Management, Marketing and Technology
  - Cybersecurity Networking
  - Computer Programming
  - Entrepreneurship & Advanced Marketing
- Engineering/Manufacturing and Industrial Technology
  - Automotive Technology
  - Collision Repair and Refinishing
  - Construction Technology
  - Engineering Robotics & Mechatronics
  - Welding
  - Medium/Heavy Truck and Equipment
- Health Sciences
- Human Service
  - Cosmetology
  - Culinary Arts/Hospitality
- Natural Resources
  - Agriscience and Environmental Technologies

The Board of Education does not discriminate on the basis of race, color, national origin, sex (including sexual orientation and transgender identity), disability, age, religion, height, weight, marital or family status, military status, ancestry, genetic information or any other legally protected category, (collectively, "Protected Classes"), in its programs and activities, including employment opportunities. In addition, arrangements can be made to ensure that the lack of English language proficiency is not a barrier to admission or participation. The following are designees to handle inquiries regarding the nondiscrimination policy:

Educating Students to be their Best IN and FOR the World.



West Bloomfield High School

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