



HOMESTEAD
— HIGH SCHOOL —

2024-25 Course Guide



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Introduction

This guide describes the courses of study offered at Homestead High School. The contents of the guide may change from year to year as courses are continually evaluated.

We encourage you to use this guide as a reference in planning the four years of high school which lie ahead for your child. It is important that you read the guide carefully to understand the academic opportunities your child has as a student at Homestead High School.

Planning is particularly important as your child prepares for the next four years of high school. The courses taken will help your child's successful entry into the world of work or continued schooling upon graduation. It is important for you and your child to read over all the options for study available in high school and make course selections which are appropriate for your child's future.

If you have any questions concerning course selection or course content, please call your child's school counselor.

Public Notification of Nondiscrimination Policy

The Board of Education does not discriminate on the basis of any characteristic protected under State or Federal law including, but not limited to, sex, race, religion, national origin, ancestry, creed, pregnancy, marital status, parental status, sexual orientation, or physical, mental, emotional, or learning disability in any of its student programs and activities. This policy prohibits any form of discrimination as defined by State or Federal law including, not limited to, Title II, Title VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendment Act of 1972, Section 504 of the Rehabilitation Act of 1973, and the Age Act.

The district encourages informal resolution of complaints under this policy. A Formal complaint resolution procedure is available, however, to address allegations of violations of the policy in the Mequon-Thiensville School District.

Any questions concerning this policy should be directed to:

Compliance Officer
262-238-8500
262-238-8520 FAX
Mequon-Thiensville School District
5000 W. Mequon Road
Mequon, WI 53092

Homestead High School

5000 WEST MEQUON ROAD | MEQUON, WISCONSIN 53092 | 262-238-5900

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The Trimester Schedule at Homestead High School

Homestead High School operates on a five-period trimester schedule. Details about the trimester schedule include the following:

- Each trimester is approximately 60 days long.
- Each class period lasts approximately 70 minutes.
- Progress reports are issued twice per trimester, on approximately the twentieth and fortieth days of the term. Students receive a final grade report at the completion of a trimester.
- A student must register for at least four credited classes each trimester but may sign up for five.
- Each trimester course is worth .5 credit. Therefore, a student may earn as many as 2.5 credits each trimester, which amounts to 7.5 possible credits per academic year and 30 possible credits during the four-year high school experience.
- Students are required to earn 24 credits to graduate.

In the trimester schedule, most classes that are two trimesters long could be scheduled in three different ways, as shown below (Note: the first trimester of the class = "A"; the second trimester of the class = "B"):

Trimester 1	Trimester 2	Trimester 3
A	B	
	A	B
A		B

Understanding the concerns that could arise if a student experiences an extended break (meaning that the student completes a course in the second trimester of one year and does not begin the next course until the second trimester of the following year) between highly-sequenced courses, an allowance for schedule change requests to address this matter will be made. If such a situation occurs for **World Language** or **Math** courses in a student's schedule, that student may seek the assistance of the school counselor to move **part A** of the second course into the first trimester. Please note that such an adjustment may have an impact on other course selections. Again, these schedule change requests will be granted in Math and World Language **only**.

The Trimester Schedule at Homestead High School

Additional Information:

Because of the nature of the trimester schedule, a student may have the second or third part of a multi-term course in a different hour and/or with a different teacher.

Courses within the trimester can be one, two or three trimesters long. Course lengths are listed in the individual course descriptions, which are organized by academic department in this guidebook. **Students must register for all terms (trimesters) of a selected course.**

Some courses are offered only in a specific trimester(s) within the master schedule of courses. If a course is offered only in certain trimester(s), that information will be provided in the "COURSE DETAIL" line for that course. This information should be considered during the course planning/scheduling process.

In this guidebook, information about each course is presented as follows:

Course Title

Course Number(s) will be listed

Course # for part A of a course, if applicable

Course # for part B of a course, if applicable

Course # for part C of a course, if applicable



Departmental Courses by Grade Level

BUSINESS

Grade 9

- [College Personal Finance- CAPP \(H\)](#)
- [Employability Skills](#)
- [Introduction to Business](#)
- [Keyboarding/Formatting](#)
- [Microsoft Office for Business](#)
- [Personal Finance](#)

Grade 10

- [Accounting 1](#)
- [Business Law](#)
- [College Personal Finance- CAPP \(H\)](#)
- [Employability Skills](#)
- [Introduction to Business](#)
- [Keyboarding/Formatting](#)
- [Marketing](#)
- [Microsoft Office for Business](#)
- [Personal Finance](#)

Grade 11

- [Accounting 1](#)
- [Business Law](#)
- [Business Seminar](#)
- [College Personal Finance- CAPP \(H\)](#)
- [Employability Skills](#)
- [Introduction to Business](#)
- [Keyboarding/Formatting](#)
- [Marketing](#)
- [Microsoft Office for Business](#)
- [Personal Finance](#)

Grade 12

- [Accounting 1](#)
- [AP Research](#)
- [Business Law](#)
- [Business Seminar](#)
- [College Personal Finance- CAPP \(H\)](#)
- [Employability Skills](#)
- [Introduction to Business](#)
- [Keyboarding/Formatting](#)
- [Marketing](#)
- [Microsoft Office for Business](#)
- [Personal Finance](#)
- [Business Solutions & Innovations \(H\)](#)

* Indicates Dual Enrollment/Credit Option available for the course. Refer to Index – [Dual Enrollment/Credit Courses](#) for more information.

Departmental Courses by Grade Level

COMPUTER SCIENCE

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Contemporary Computing](#)
- [Cybersecurity 1](#)
- [Game Design & Development \(H\)](#)
- [Programming 1 \(H\)](#)
- [Multimedia 1](#)
- [Multimedia 2](#)

Grades 10, 11, 12

- [AP Computer Science Principles](#)
- [AP Computer Science Programming](#)
- [Advanced Programming \(H\)](#)
- [Contemporary Computing](#)
- [Cybersecurity 1](#)
- [Cybersecurity 2 \(H\)](#)
- [Independent Study in Computer Science \(H\)](#)
- [Game Design & Development \(H\)](#)
- [Programming 1 \(H\)](#)
- [Multimedia 1](#)
- [Multimedia 2](#)
- [Multimedia 3 \(H\)](#)

Departmental Courses by Grade Level

ENGINEERING

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Project Lead the Way: Introduction to Engineering Design IED \(H\)*](#)

Grade 10

- [Project Lead the Way: Introduction to Engineering Design IED \(H\)*](#)
- [Project Lead the Way: Principles of Engineering POE \(H\)*](#)

Grade 11

- [Project Lead the Way: Aerospace Engineering AE \(H\)*](#)
- [Project Lead the Way: Civil Engineering and Architecture CEA \(H\)*](#)
- [Project Lead the Way: Computer Integrated Manufacturing CIM \(H\)*](#)
- [Project Lead the Way: Introduction to Engineering Design IED \(H\)*](#)
- [Project Lead the Way: Principles of Engineering POE \(H\)*](#)

Grade 12

- [AP Research](#)
- [Project Lead the Way: Aerospace Engineering AE \(H\)*](#)
- [Project Lead the Way: Civil Engineering and Architecture CEA \(H\)*](#)
- [Project Lead the Way: Computer Integrated Manufacturing CIM \(H\)*](#)
- [Project Lead the Way: Introduction to Engineering Design IED \(H\)*](#)
- [Project Lead the Way: Principles of Engineering POE \(H\)*](#)
- [Project Lead the Way: Engineering Design and Development \(H\)*](#)

* Indicates Dual Enrollment/Credit Option available for the course. Refer to Index – [Dual Enrollment/Credit Courses](#) for more information.

Departmental Courses by Grade Level

ENGLISH

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Advanced Publications](#)
- [English 9](#)
- [Honors English 9 \(H\)](#)
- [Non-Fiction Writing and Visual Storytelling](#)

Grade 10

- [Advanced Publications](#)
- [American Literature](#)
- [Honors American Literature \(H\)](#)
- [Non-Fiction Writing and Visual Storytelling](#)

Grade 11

- [AP English Language and Composition](#)
- [AP English Language and Seminar](#)
- [Advanced Publications](#)
- [Comparative Mythology](#)
- [Creative Writing](#)
- [English Language and Composition](#)
- [Film as Literature](#)
- [Global Perspectives in Literature](#)
- [Non-Fiction Writing and Visual Storytelling](#)
- [Literature Seminar](#)
- [Science Fiction Literature](#)

Grade 12

- [Advanced Creative Writing and Reading Seminar \(H\)*](#)
- [Advanced Mass Media and Communications \(H\)*](#)
- [Advanced Publications](#)
- [AP English Language and Composition](#)
- [AP Research](#)
- [Comparative Mythology](#)
- [Creative Writing](#)
- [Film as Literature](#)
- [Global Perspectives in Literature](#)
- [Literature Seminar](#)
- [Non-Fiction Writing and Visual Storytelling](#)
- [Science Fiction Literature](#)

* Indicates Dual Enrollment/Credit Option available for the course. Refer to Index – [Dual Enrollment/Credit Courses](#) for more information.

Departmental Courses by Grade Level

FINE ARTS - ART

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Art Metals 1, 2](#)
- [Ceramics 1, 2](#)
- [Crafts 1, 2](#)
- [Digital Art 1, 2](#)
- [Drawing 1, 2](#)
- [Exploratory Art](#)
- [Painting 1, 2](#)
- [Photography 1, 2](#)

Grade 10

- [Art Metals 1, 2, 3](#)
- [Ceramics 1, 2, 3](#)
- [Crafts 1, 2](#)
- [Digital Art 1, 2](#)
- [Drawing 1, 2, 3](#)
- [Exploratory Art](#)
- [Painting 1, 2, 3](#)
- [Photography 1, 2](#)

Grade 11

- [AP Art and Design](#)
- [Art Metals 1, 2, 3](#)
- [Ceramics 1, 2, 3](#)
- [Crafts 1, 2](#)
- [Digital Art 1, 2](#)
- [Drawing 1, 2, 3](#)
- [Exploratory Art](#)
- [Painting 1, 2, 3](#)
- [Photography 1, 2](#)

Grade 12

- [AP Art and Design](#)
- [AP Research](#)
- [Art Metals 1, 2, 3](#)
- [Ceramics 1, 2, 3](#)
- [Crafts 1, 2](#)
- [Digital Art 1, 2](#)
- [Drawing 1, 2, 3](#)
- [Exploratory Art](#)
- [Painting 1, 2, 3](#)
- [Photography 1, 2](#)

Departmental Courses by Grade Level

FINE ARTS (MUSIC)

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Concert Band](#)
- [Highlander Choir](#)
- [String Orchestra](#)

Grade 10

- [Chamber Orchestra](#)
- [Concert Band](#)
- [Highlander Choir](#)
- [Highlander Symphonic Band](#)
- [String Orchestra](#)
- [Symphony Orchestra](#)
- [Tartan Choir](#)

Grade 11

- [AP Music Theory](#)
- [Chamber Orchestra](#)
- [Highlander Choir](#)
- [Highlander Symphonic Band](#)
- [String Orchestra](#)
- [Symphony Orchestra](#)
- [Tartan Choir](#)
- [Treble Choir](#)

Grade 12

- [AP Music Theory](#)
- [AP Research](#)
- [Chamber Orchestra](#)
- [Highlander Choir](#)
- [Highlander Symphonic Band](#)
- [String Orchestra](#)
- [Symphony Orchestra](#)
- [Tartan Choir](#)
- [Treble Choir](#)

Departmental Courses by Grade Level

FINE ARTS (THEATRE)

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Acting 1](#)
- [Acting 2/Directing](#)
- [Technical Theatre 1](#)
- [Technical Theatre 2](#)
- [Theatrical Dance](#)

Grade 10

- [Acting 1](#)
- [Acting 2/Directing](#)
- [Technical Theatre 1](#)
- [Technical Theatre 2](#)
- [Theatre Production Seminar](#)
- [Theatrical Dance](#)

Grade 11

- [Acting 1](#)
- [Acting 2/Directing](#)
- [Technical Theatre 1](#)
- [Technical Theatre 2](#)
- [Theatre Production - One Act](#)
- [Theatre Production Seminar](#)
- [Theatrical Dance](#)

Grade 12

- [Acting 1](#)
- [Acting 2/Directing](#)
- [AP Research](#)
- [Technical Theatre 1](#)
- [Technical Theatre 2](#)
- [Theatre Production - One Act](#)
- [Theatre Production Seminar](#)

Departmental Courses by Grade Level

MATH

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Algebra 1](#) - (per department chair approval)
- [Geometry](#)
- [Honors Algebra 1](#) (H)
- [Honors Algebra 2/Trigonometry](#) (H)
- [Honors Geometry](#) (H)

Grade 10

- [Algebra 2](#)
- [Geometry](#)
- [Honors Algebra 2/Trigonometry](#) (H)
- [Honors Geometry](#) (H)
- [AP Calculus AB](#)
- [Workshop: AP Calculus](#)

Grade 11

- [AP Calculus AB](#)
- [AP Calculus BC](#)
- [AP Statistics](#)
- [Algebra 2](#)
- [Intro to College Algebra](#)
- [Intro to Statistics](#)
- [Honors Algebra 2/Trigonometry](#) (H)
- [Linear Algebra & Matrices](#)
- [Pre-Calculus: Functions](#)
- [Pre Calculus: Trigonometry](#)
- [Workshop: AP Calculus](#)

Grade 12

- [AP Calculus AB](#)
- [AP Calculus BC](#)
- [AP Research](#)
- [AP Statistics](#)
- [Intro to College Algebra](#)
- [Intro to Statistics](#)
- [Linear Algebra & Matrices](#)
- [Multi-Variable Calculus](#) (H)
- [Pre-Calculus: Functions](#)
- [Pre-Calculus: Trigonometry](#)
- [Workshop: AP Calculus](#)

Departmental Courses by Grade Level

PHYSICAL EDUCATION

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information. Incoming Sophomores and Juniors interested in a one-time .5 credit PE Waiver can pick up information in the Counseling Office. The required application form must be completed and returned to the Counseling Office secretary by the end of the last school day in January.

Grade 9

- [Health Education](#)
- [Freshman Physical Education](#)

Grades 10, 11

- [Adaptive Physical Education Aide](#)
- [Basic Strength Training](#)
- [Core Strength](#)
- [Fall/Spring Lifetime Sports](#)
- [Outdoor Adventure](#)
- [Sports Performance Training](#)
- [Team Sports](#)
- [Triathlon](#)
- [Wellness](#)
- [Winter Lifetime Sports](#)

Grade 12

- [Adaptive Physical Education Aide](#)
- [AP Research](#)
- [Basic Strength Training](#)
- [Core Strength](#)
- [Fall/Spring Lifetime Sports](#)
- [Outdoor Adventure](#)
- [Sports Performance Training](#)
- [Team Sports](#)
- [Triathlon](#)
- [Wellness](#)
- [Winter Lifetime Sports](#)

Departmental Courses by Grade Level

SCIENCE

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Biology](#)
- [Honors Biology](#) (H)

Grade 10

- [AP Environmental Science](#)
- [AP Physics 1](#)
- [Chemistry](#)
- [Honors Chemistry](#) (H)
- [Earth Science](#)
- [Environmental Science: Wildlife Conservation](#)
- [Environmental Science: Wisconsin Ecology](#)
- [Physics](#)
- [Project Lead the Way: Human Body Systems](#) (H)
- [Workshop: AP Science](#)

Grades 11 and 12

- [AP Biology](#)
- [AP Chemistry](#)
- [AP Environmental Science](#)
- [AP Physics 1](#)
- [AP Physics 2](#)
- [AP Physics C](#)
- [AP Research](#)
- [Chemistry](#)
- [Honors Chemistry](#) (H)
- [Earth Science](#)
- [Environmental Science: Wildlife Conservation](#)
- [Environmental Science: Wisconsin Ecology](#)
- [Physics](#)
- [Project Lead the Way: Human Body Systems](#) (H)
- [Workshop: AP Science](#)

Departmental Courses by Grade Level

SOCIAL STUDIES

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [AP Human Geography](#)
- [Sociology: American Culture](#)
- [World Studies](#)

Grade 10

- [AP Economics Micro](#)
- [AP Human Geography](#)
- [AP Psychology](#)
- [AP U.S. History](#)
- [Contemporary Issues](#)
- [Psychology](#)
- [Sociology: American Culture](#)
- [U.S. History](#)
- [World Studies](#)

Grades 11

- [AP Economics Macro](#)
- [AP Economics Micro](#)
- [AP Human Geography](#)
- [AP Psychology](#)
- [AP U.S. Government and Politics](#)
- [AP U.S. History](#)
- [American Government](#)
- [Contemporary Issues](#)
- [Economics](#)
- [Psychology](#)
- [Sociology: American Culture](#)
- [U.S. History](#)

Grade 12

- [AP Economics Macro](#)
- [AP Economics Micro](#)
- [AP Human Geography](#)
- [AP Psychology](#)
- [AP Research](#)
- [AP U.S. Government and Politics](#)
- [AP U.S. History](#)
- [American Government](#)
- [American Legal Systems](#)
- [Contemporary Issues](#)
- [Economics](#)
- [Psychology](#)
- [Sociology: American Culture](#)

Departmental Courses by Grade Level

WORLD LANGUAGE

Classes offered at various grade levels may require a prerequisite. Refer to the course descriptions for detailed information.

Grade 9

- [Chinese 1](#)
- [French 1, 2](#)
- [Latin 1, 2](#)
- [Spanish 1, 2](#)

Grade 10

- [Chinese 1, 2](#)
- [French 1, 2, 3](#)
- [Latin 1, 2, 3](#)
- [Spanish 1, 2, 3](#)

Grade 11

- [Chinese 1, 2, 3](#)
- [French 1, 2, 3, 4\(H\)](#)
- [Latin 1, 2, 3, 4\(H\)](#)
- [Spanish 1, 2, 3, 4\(H\)](#)

Grade 12

- [Chinese 1, 2, 3, 4 \(H\)](#)
- [French 1, 2, 3, 4 \(H\), 5 \(AP\)](#)
- [Latin 1, 2, 3, 4 \(H\), 5 \(H\)*](#)
- [Spanish 1, 2, 3, 4 \(H\), 5 \(AP\)](#)
- [AP Research](#)

* Indicates Dual Enrollment/Credit Option available for the course. Refer to Index – [Dual Enrollment/Credit Courses](#) for more information.

Trimester Locked Courses

- [AP Biology](#) (2) – Tri 1 & Tri 2
- [AP Calculus AB](#) (2) – Tri 1 & Tri 2
- [AP Calculus BC](#) (2) – Tri 1 & Tri 2
- [AP Calculus Workshop](#) (1) – Tri 3
- [AP Chemistry](#) (2) – Tri 1 & Tri 2
- [AP Economics – Macro](#) (1) – Tri 2
- [AP Economics – Micro](#) (1) – Tri 2
- [AP English Language](#) (2) – Tri 1 & Tri 2
- [AP English Literature](#) (2) – Tri 1 & Tri 2
- [AP Environmental Science](#) (2) – Tri 1 & Tri 2
- [AP French](#) (2) – Tri 1 & Tri 2
- [AP Human Geography](#) (2) – Tri 1 & Tri 2
- [AP Music Theory](#) (1) – Tri 1
- [AP Physics 1](#) (2) – Tri 1 & Tri 2
- [AP Physics 2](#) (2) – Tri 1 & Tri 2
- [AP Physics C](#) (2) – Tri 1 & Tri 2
- [AP Psychology](#) (2) – Tri 1 & Tri 2
- [AP Research](#)
- [AP Spanish Language & Culture](#) (2) – Tri 1 & Tri 2
- [AP Statistics](#) (2) – Tri 1 & Tri 2
- [AP Studio Art](#) (2) – Tri 1 & Tri 2
- [AP World Language Workshop](#) (1) – Tri 3
- [AP US Government and Politics](#) (1) – Tri 2
- [AP US History](#) (2) – Tri 1 & Tri 2
- [Core Strength](#) – Before School (1) – Tri 1
- [Environmental Science: Wisconsin Ecology](#) (1) – Tri 1 or Tri 3
- [Environmental Science – Wildlife Conservation](#) – Tri 1 or Tri 3
- [Lifetime Sports](#) (Fall/Spring) (1) – Tri 1 or Tri 3
- [Lifetime Sports](#) (Winter) (1) – Tri 2
- [Multi-Variable Calculus](#) (2) – Part B in Tri 3
- [Theatre Production One Act](#) (1) – Tri 1
- [Triathlon](#) (1) – Tri 3

Course Selection

Returning Sophomores, Juniors, and Seniors

Students in each grade level have a wide range of course choices, both in core and elective areas. This variety allows students to create an individualized academic program to meet their personal needs and interests.

Students and families should take great care when making all course choices. Both the content area and level of rigor should be considered when selecting any course, whether in a core or elective area.

When selecting courses, the following factors should be considered:

1. Mandatory prerequisites
2. Post-secondary aspirations
3. Past performance in the subject
4. Anticipated level of effort in the class
5. Overall academic load for the year
6. Balance between academic commitments and personal “down time”
7. Time available for completing coursework along with other obligations like jobs, athletics, co-curriculars, etc.

Students and parents/guardians are strongly encouraged to collaborate throughout the course selection process, talking about the students’ goals and motivation for considering each possible course.

While teachers no longer make a formal course recommendation for current Homestead students, students and parents are actively encouraged to talk with teachers and counselors during the course selection process. Students may wish to discuss course options with current or former teachers in the discipline. Students and/or parents may wish to schedule a face-to-face meeting with a counselor before making final course decisions.

Course Selection

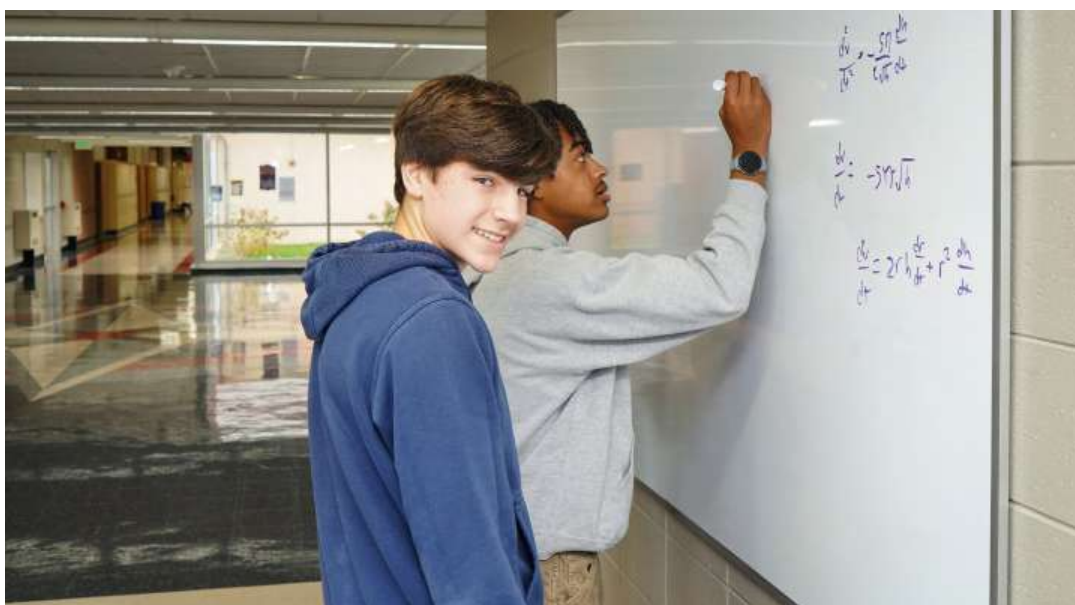
Incoming Freshmen and New Students

The process of transitioning into high school or moving from one high school to another can be challenging. A number of factors can influence a student's success in the new learning environment. So as to assist students who are new to Homestead in developing the most appropriate academic schedule possible, teacher recommendations and placement tests are used during the schedule development process.

Students who attend middle school in Mequon-Thiensville receive recommendations for math, science, social studies, English and world language courses that are based on standardized test scores and recent grades in those content areas. Historically, these recommendations have been extremely useful in creating schedules that are appropriately challenging for individual students. While a recommendation override process does exist, students and parents are strongly encouraged to follow recommendations.

For students new to Homestead and Mequon-Thiensville, placement tests and past academic records are used in the schedule development process. Again, historically these tools have allowed counselors to develop schedules that are extremely well-suited to individual students. As such, students and parents are encouraged to honor the course recommendations that are made following the placement testing and academic record review process.

As is the case with returning sophomores, juniors and seniors a number of factors should be considered when selecting courses. Please see the list provided earlier to guide decision-making around course selection.



Business

COURSE TITLE	DESCRIPTION
<p>Accounting 1</p> <hr/> <p>Accounting 1 BU500004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: None</p>	<p>This course is highly recommended for anyone planning to attend college and majoring in any area of business. This course also provides a means to investigate an interest in accounting theory and the application of the accounting cycle to both service and merchandising businesses. Accounting 1 emphasizes accounting requirements for sole proprietorship in the service and merchandising business. The course covers the accounting cycle from the original business transaction to closing the books at year-end, including the preparation and interpretation of financial statements.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
<p>AP Research</p> <hr/> <p>AP Research Business A BU437021 AP Research Business B BU437022</p> <hr/> <p>Course Detail: 2 Trimester Credit: 1.0 Grade Level: 12 Prerequisite: See page 99</p>	<p>Please see course description on page 99.</p>
<p>Business Law</p> <hr/> <p>Business Law BU510004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None</p>	<p>The purpose of this course is to educate students on legal issues such as criminal and civil laws, torts, employment law and contractual rights. You will learn the procedures in a trial and actively participate in a mock trial. In this class you will participate in debates regarding controversial issues in business and society today. Guest speakers will visit to discuss actual cases and issues. Judge for yourself. This class is guilty of providing hands-on learning about today's legal system.</p>

Business

COURSE TITLE	DESCRIPTION
Business Seminar Business Seminar BU520004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 11-12 Prerequisite: Consent of instructor	<p>The purpose of this course is to give students the opportunity to go beyond the current curriculum and continue an in-depth study in an area of business. Students must have taken all other courses in business that relate to their specific area of study or at least two business courses, and consent of instructor.</p>
College Personal Finance - CAPP (H) College Personal Finance - CAPP (H) BU526014 <hr/> Course Detail: 1 Trimester <i>Dual Credit Option</i> Credit: 0.5 Grade Level: 9-12 Prerequisite: None	
Employability Skills Employability Skills BU501004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None	
Personal Finance Personal Finance BU525004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade: 9-12 Prerequisite: None	

A study of the major financial decisions encountered by individuals. Subjects covered are budgeting, use of credit, automobile and consumer durables, insurance, the housing decision, taxes, retirement planning, estate transfer and investments. Each subject is analyzed within the context of a comprehensive framework of personal financial planning.

This course focuses on developing general employability competencies for all students--the college-bound student seeking a professional career as well as the student entering the work force upon graduation. Emphasis is given to career exploration, attitude, motivation, leadership, and human relations relating to job/career success. Steps in finding a job will be examined, job exploration will be performed as well as job applications completed and mock interviews conducted.

Spend, Save, and Give. Three things we can do with money. In this course students will learn where to find money, how to manage money, and how to grow it. Also, because of the increasing access to credit cards, ATMs and debit cards, students will learn the financial responsibilities, obligations and pitfalls of using credit cards and other financial tools. This class gives students the opportunity to receive hands-on experience in everyday-life financial topics, establish budgets for short-term and long-term goals, determine whether to buy or lease a car and learn how to manage and maintain a checking account through a simulation. Students will learn about these areas as well as insurance and personal income taxes. This class will give students a strong return on their investment.

Business

COURSE TITLE	DESCRIPTION
Introduction to Business Intro to Business BU511014 <hr/> Course Detail: 1 Trimester Dual Credit Option Credit: 0.5 Grade Level: 9-12 Prerequisite: None	<p>The course is designed as an introductory course for all students interested in learning more about business. Students will be exposed to many different aspects of the world of business. A primary objective of the course is to broaden both the interests and horizons of early level university students toward understanding the dynamics of business and business careers. Lectures, readings, presentations by guest speakers, videos, etc. will be utilized to facilitate student's learning.</p>
Keyboarding/Formatting Keyboarding/Format BU535004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None	
Marketing Marketing BU540004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: None	

The course is designed as an introductory course for all students interested in learning more about business. Students will be exposed to many different aspects of the world of business. A primary objective of the course is to broaden both the interests and horizons of early level university students toward understanding the dynamics of business and business careers. Lectures, readings, presentations by guest speakers, videos, etc. will be utilized to facilitate student's learning.

It is strongly recommended that ALL students take one semester of Keyboarding/Formatting (Typewriting) before graduating from high school. Given the extensive use of computers today and the expected future growth, this course will prove to be an invaluable tool for all students. Keyboarding/ Formatting (Typewriting) will be taught on a Mac computer. This course is designed to teach keyboarding using the touch method for the proper techniques for most productive and efficient use of the keyboard. Basic formatting instruction in creating letters, memos, tables, research papers (reports), etc. Auxiliary skills in proofreading, correcting, computer functions (maintaining files in a server account, function keys, short- cut keys), etc. will also be developed.

Marketing is a course designed to give students exposure to a variety of marketing concepts. The 4 "p's" of marketing, the promotional mix, and the marketing functions are a few of the concepts that will be covered in the class. In marketing, students will learn to apply concepts covered in the class through creative individual and group projects. These projects serve as a hands-on demonstration of the students' mastery of the concepts taught throughout the trimester. Marketing offers students the opportunity to understand how businesses drive the economy through consumer research and creative product advertising and development.

Business

COURSE TITLE		DESCRIPTION
Business Solutions & Innovations (H)		
Business Solutions & Innovations (H) BU545014		
Course Detail:	1 Trimester	<p>BSI is a project-based internship partnering Homestead High School and the professional business community. Students work in teams. Each team is given parameters for a new product, which they take through a comprehensive product development cycle. A broad range of "real-life" business issues (forming teams, coordination of action, adding structure to unstructured tasks, networking) and concepts (business use of the Internet; market research and analysis; product design, safety and manufacturing; product liability; product costing and pricing; product promotion) are taught and are integrated into the process. Enrollment is limited and competitive in nature. Interested students will be expected to complete an application for the course and may be interviewed in addition to signing up on their course selection form. Faculty input will be considered as well.</p>
Credit:	0.5	
Grade Level:	12	
Prerequisite:	Completed Application	
Microsoft Office for Business		
Microsoft Office for Business BU512001		
Course Detail:	1 Trimester	<p>The Microsoft Office for Business course will show students tangible ways to utilize intermediate and advanced concepts in computer applications as both a personal and business tool. Students will develop skills in Microsoft Office, Excel, Power Point and Outlook. All students are encouraged to take this course as skills learned will help students not only in continuing education but in today's workforce as well, having advanced computer technical skills are pertinent to success. Software applications concepts in word processing, spreadsheets, database management and presentation skills will be emphasized through the MS Office Suite. Following successful completion of the course, student can choose to take tests to earn MOS certifications in a variety of Office Suite applications.</p>
Credit:	0.5	
Grade Level:	9-12	
Prerequisite:	None	

Computer Science

COURSE TITLE	DESCRIPTION
Advanced Programming (H) ADV Programming (H) CS506004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: B- or better in AP Computer Science A	<p>Advanced Programming will continue to strengthen the object-oriented programming skills developed in AP Computer Science A. Students will solve complex programming challenges using advanced data structures, algorithms, and problem solving techniques typically covered during a second semester college level course. Joining the Computer Programming Club is highly recommended for students taking this course.</p>
AP Computer Science Principles AP Computer Sci Principles A CS580021 AP Computer Sci Principles B CS580022 <hr/> Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10-12 Prerequisite: Contemporary Computing Recommended: Multimedia 1	<p>Computer Science Principles is an introductory Advanced Placement course designed to broaden participation in computer science. The course is designed to be broadly appealing and accessible; as such, students with diverse interests, especially those typically underrepresented in the field of computer science, are encouraged to enroll. The course equips students with essential computing tools and provides multidisciplinary opportunities. AP CS Principles covers many topics including foundational concepts of computer science, core computing topics, societal impacts of computer science, the Internet, Big Data and Privacy, and Programming and Algorithms. The course focuses on students as creators who use computer tools to change themselves and society. Computer Science Principles is a course designed to prepare students who are new to computer science for the AP CS Principles exam and performance task.</p>
AP Computer Science A Programming AP Computer Science A CS504001 AP Computer Science B CS504002 <hr/> Course Detail: 2 Trimesters Credit: 1 Grade: 10-12 Prerequisite: Programming 1 (H) or AP Computer Science Principles or test out of equivalent	<p>AP Computer Science A is meant to be the equivalent of a first-semester college-level course in computer science programming. It continues the study of problem solving, program design, algorithm development, understanding coding logic, implementation, analysis, testing and documentation begun in our Programming 1 course. It moves to a more formal and in-depth algorithms, data structures, design, and abstraction. The course emphasizes object-oriented programming using the Java programming language and is designed to prepare students for the Advanced Placement exam and for advanced computer science coursework.</p> <p>Joining the Computer Programming Club is highly recommended for students taking this course.</p>

Computer Science

COURSE TITLE	DESCRIPTION
Contemporary Computing <hr/> Contemporary Computing CS100004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None	<p>Contemporary Computing is the gateway course to the remainder of the computer courses, thus it is recommended that it be taken freshman year. The skills learned will be useful across the curriculum. This course provides students with opportunities to acquire essential technology skills for success in high school, post-secondary education and most careers. In this course, students often work corroboratively to learn to use technology effectively and efficiently, both as consumers and creators. Students acquire or hone practical skills in spreadsheets, browser embedded apps, website development, programming, basic photo and video editing, and an introduction to cybersecurity. In addition, students complete a unit in teen branding; exploring and assessing the state of their personal digital brand. The course is predominantly a cloud-based course so students are able to work anywhere they have an internet connected device.</p> <p>Cybersecurity 1 is an introductory course in cybersecurity offering topics of understanding cyber law and policy, Linux, networking technology basics, risk assessment, and cryptography. Student navigate these topics using a variety of essential cybersecurity tools in interactive labs and simulations of real-world situations.</p> <p>Cybersecurity 2 is a rigorous course in cybersecurity continuing the topics learned in Cybersecurity 1. The course is geared towards preparing students with the ability to take the CompTia Security+ certification. Certification will be possible with the breadth of knowledge obtained between the two cybersecurity courses and additional self-study after the courses. In order to become prepared for the certification exam, students will take multiple practice exams throughout the course.</p> <p>Game Design and Development allows students with programming proficiency to learn the fundamentals of game design and development via lectures and hands-on projects. The course focuses on both the theory and practice of game-making. Students will learn aspects including an understanding of the game world, storytelling, user experience, level design, play testing and game asset creation techniques. Students will explore the principles of 2D and 3D graphics, animation, sound and collision detection and create their own games using the Unity framework and C# language.</p>
Cybersecurity 1 <hr/> Cybersecurity 1 CS310001 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Contemporary Computing	
Cybersecurity 2 (H) <hr/> Cybersecurity 2 (H) CS310002 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: Cybersecurity 1	
Game Design & Development (H) <hr/> Game Design & Development (H) CS305001 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Contemporary Computing and Programming 1 (H) (or test out of equivalent) or AP Computer Science Principles	

Computer Science

COURSE TITLE		DESCRIPTION
Programming 1 (H)		
Programming 1 (H)		CS510004
Course Detail: 1 Trimester		This course provides students with an introductory programming experience. Students learn, create, and debug programs centered around the following programming constructs: variables, input, output, conditionals, strings, loops, and lists/arrays. If time allows, students will also explore exceptions as well as file handling. The programming environment used is web based and platform independent.
Credit: 0.5		
Grade Level: 9-12		
Prerequisite: Contemporary Computing		
Multimedia Courses		
The vast majority of careers require professionals to create, communicate and collaborate with technology. Proficiency in multimedia skills is beneficial in a variety of career pathways, college coursework and life events.		
Multimedia 1		
Multimedia 1		CS510004
Course Detail: 1 Trimester		This hands-on, project-oriented course provides students with experience in creating and presenting media-rich projects. Students create several smaller projects throughout the trimester. On an ongoing basis, students produce a website showcasing their current multimedia expertise. This portfolio website is suitable for presentation to a college, potential employer, scholarship committee, financial aid counselor, individual or group. As a culminating experience, students select a topic of interest and create a Personal Interest Project, using the knowledge and skills they acquired throughout the trimester.
Credit: 0.5		
Grade Level: 9-12		
Prerequisite: Contemporary Computing		
Multimedia 2		
Multimedia 2		CS515004
Course Detail: 1 Trimester		This course builds on the skills learned and utilized in Multimedia 1 and includes a greater emphasis on teamwork. The projects are more in-depth and use more advanced industry standard software than the earlier course. Visual programming is also added, enabling students to code their own interactive stories, games, and animations. Students continue to upgrade the portfolio website from Multimedia 1.
Credit: 0.5		
Grade Level: 9-12		
Prerequisite: Multimedia 1		
Multimedia 3 (H)		
Multimedia 3 (H)		CS520014
Course Detail: 1 Trimester		This course prepares students to work in the electronic production field by giving them practical real-job experience in a non-threatening environment. Fundamentals of teamwork, organization, time management and creative applications of technology are emphasized. Students select a personal area of emphasis and create a detailed project proposal to define the knowledge and skills they will gain in that specific area of Multimedia. Students form a simulated Multimedia Service Company to design and complete projects for specific clients within the district and/or community. The company is organized into departments that reflect the students' prior choices of expertise. Student leaders head up each department and coordinate department efforts to meet client expectations and deadlines. As a culminating experience, students create a professional-level demo reel, highlighting their client experience and technological strengths, which is added to their comprehensive portfolio website.
Credit: 0.5		
Grade: 10-12		
Prerequisite: "B" or better in Multimedia 2		
This trimester course is repeatable for credit.		

Engineering

COURSE TITLE	DESCRIPTION
<p>AP Research</p> <p>AP Research Engin/Tech A ET437021 AP Research Engin/Tech B ET540011</p> <hr/> <p>Course Detail: 2 Trimester Credit: 1.0 Grade Level: 12 Prerequisite: See page 99</p>	<p>Please see course description on page 99.</p>
<p>Project Lead the Way: Aerospace Engineering AE (H)</p> <p>PLTW Aerospace Engineering AE A (H) ET558011 PLTW Aerospace Engineering AE B (H) ET558012</p> <hr/> <p>Course Detail: 2 Trimester Dual Credit Option Credit: 1.0 Grade: 11-12 Prerequisite: IED, POE or AP Physics 1</p> <p><i>Class will be offered in 24-25 and 26-27 school years</i> Class will not be available in the 25-26 school year</p>	<p>Aerospace Engineering is the study of atmospheric and space flight. This course discusses the physics of flight and focuses on systems of propulsion and rocketry. Students also explore robot systems used within this field.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
<p>Project Lead the Way: Civil Engineering & Architecture CEA (H)</p> <p>PLTW Civil Engineer/Architect CEA A (H) ET540011 PLTW Civil Engineer/Architect CEA B (H) ET540012</p> <hr/> <p>Course Detail: 2 Trimester Dual Credit Option Credit: 1.0 Grade: 10-12 Prerequisite: IED or POE</p> <p><i>Class will be offered in 24-25 and 25-26 school years</i> Class will not be available in the 26-27 school year</p>	<p>Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction, including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>

Engineering

COURSE TITLE	DESCRIPTION
<p>Project Lead the Way: Computer Integrated Manufacturing CIM (H)</p> <p>PLTW Comp Integ Manuf CIM A (H) ET556011 PLTW Comp Integ Manuf CIM B (H) ET556012</p> <hr/> <p>Course Detail: 2 Trimester Dual Credit Option</p> <p>Credit: 1.0 Grade: 10-12 Prerequisite: IED or POE</p> <p><i>Class will not be available in the 24-25 school year</i> <i>Class will be offered in 25-26 and 26-27 school years</i></p>	<p>Computer Integrated Manufacturing focuses on modern manufacturing in today's world. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches students about manufacturing processes, product design, robotics and automation.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
<p>Project Lead the Way: Engineering Design & Development (H)</p> <p>PLTW Engin Desig/Dev EDD A (H) ET559011 PLTW Engin Desig/Dev EDD B (H) ET559012</p> <hr/> <p>Course Detail: 2 Trimester Dual Credit Option</p> <p>Credit: 1.0 Grade: 12 Prerequisite: Successful completion of at least two other engineering courses</p>	<p>Engineering Design and Development is a senior capstone course that is to allow engineering students to apply the design and problem solving skills learned in previous courses to an actual real world problem. Students will identify a problem that exists within the community and work through the design process to research, validate, model, build, test, and evaluate a solution. They will be applying additional technical skills learned in previous engineering courses and are expected to be able to largely work independently towards a solution.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>

Engineering

COURSE TITLE	DESCRIPTION
Project Lead the Way: Introduction to Engineering Design IED (H)	<p>This is one of the introductory courses for the PLTW Engineering course sequence offered at Homestead. In this course 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, and use an engineering notebook to document their work. This course will enable students to take Computer Integrated Manufacturing, Civil Engineering and Architecture, as well as other future PLTW courses.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
<p>PLTW Intro Engineering Design IED A (H) ET550011 PLTW Intro Engineering Design IED B (H) ET550012</p> <hr/> <p>Course Detail: 2 Trimester Dual Credit Option</p> <p>Credit: 1.0 Grade Level: 9-12 Prerequisite: Algebra 1</p>	
Project Lead the Way: Principles of Engineering POE (H)	<p>This is one of the introductory courses for the PLTW Engineering course sequence offered at Homestead. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. This course will enable students to take Computer Integrated Manufacturing, Civil Engineering and Architecture, as well as other future PLTW courses.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
<p>PLTW Principles of Engineering POE A (H) ET555011 PLTW Principles of Engineering POE B (H) ET555012</p> <hr/> <p>Course Detail: 2 Trimester Dual Credit Option</p> <p>Credit: 1.0 Grade Level: 10-12 Prerequisite: Geometry</p>	

English

COURSE TITLE	DESCRIPTION
<p>Advanced Creative Writing and Reading Seminar (H)</p> <p>ADV Creative Write/Read Sem (H) EN406014</p> <hr/> <p>Course Detail: 1 Trimester College Credit Option: Three transferable college credits Only offered Trimester 3</p> <p>Credit: 0.5 Grade Level: 12 Prerequisite: Creative Writing or AP Literature and Composition</p>	<p>In this one-trimester college course, students can earn three, easily transferred, UW-Whitewater credits. They will study advanced writing techniques applicable in both creative and academic contexts. They will read as writers, learning how to create meaning through literary devices. Each student will choose a genre and complete a self-designed writing project. Through genre immersion, study of authors and the art of writing, and guided practice, students will write original work with the intent to publish. Students will make choices about genres and subject matter, participate in a writer's workshop with peers, and learn about writing for a variety of purposes and audiences.</p>
<p>Advanced Mass Media and Communications (H)</p> <p>ADV Mass/Comm (H) EN510014</p> <hr/> <p>Course Detail: 1 Trimester College Credit Option: Three transferable college credits</p> <p>Credit: 0.5 Grade Level: 12 Prerequisite: Advanced Publication or Consent of Instructor</p>	<p>In this one-trimester course, students can earn college credit as they continue to study journalism with a focus on how our school publications play a role in the larger world of journalism and mass media. With roots in the institution, history, economics and social role each major medium plays in the larger picture, students will explore both traditional and contemporary forms of journalism and how it can play an interactive role in our school and community. Grades will be based on daily work as well as large production items required for publication. Assignments may include all facets of journalism: textbook reading and corresponding assignments, writing, photography, inter-viewing, broadcast, advertising, social media, blogging, digital web work, layout and design with the culmination of your works being compiled into a capstone portfolio.</p>
<p>Advanced Publications</p> <p>ADV Publications EN505004</p> <hr/> <p>Course Detail: 1 Trimester Can be taken multiple trimesters all 4 years of high school</p> <p>Credit: 0.5 Grade: 9-12 Prerequisite: Non-Fiction Writing and Visual Storytelling or permission of instructor</p>	<p>For those aspiring to write, photograph or design for <u>Sports Illustrated</u> or <u>Vogue</u>, students in this course will use journalistic writing and editing, photojournalism, social media, and advanced graphic design to create The Tartan Yearbook and The Highlander Online for a real audience of peers and community members. This class requires motivated and responsible students willing to work together to create final products. This trimester-long, repeatable course offers opportunities for students to hone their individual journalism portfolio for scholarships and internships. This is an advanced-level production course based on real-world deadlines.</p> <p>This course does not count toward the four-credit English requirement. Students in grades 9-12 may take this course concurrently with their grade level English requirement. This course may be repeated as many times as desired.</p>

English

COURSE TITLE	DESCRIPTION
<p>American Literature</p> <p>American Literature A EN200001 American Literature B EN200002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10 Prerequisite: English 9</p> <p>AP English Language and Composition</p> <p>AP English Lang A/Comp A EN445021 AP English Lang B/Comp B EN445022</p> <hr/> <p>Course Detail: 2 Trimester Only offered Trimester 1 & 2 Credit: 1.0 Grade: 11 Prerequisite: None</p> <p>AP English Language and Seminar</p> <p>AP English Lang/Seminar A EN436021A AP English Lang/Seminar B EN436022B AP English Lang/Seminar C EN436023C</p> <hr/> <p>Course Detail: 3 Trimester Credit: 1.5 Grade Level: 11-12 Prerequisite: None</p> <p>AP English Literature and Composition</p> <p>AP English Lit A/Comp A EN435021 AP English Lit A/Comp B EN435022</p> <hr/> <p>Course Detail: 2 Trimester Only offered trimester 1 and 2 <i>Serves as prerequisite to Advanced Creative Writing</i> Credit: 1.0 Grade Level: 12 Prerequisite: None</p>	<p>Designed to give the student an introduction to important American authors as well as American authors of choice, this course exposes students to poetry, short stories, and novels. Students will engage in dialogue, write analytically, and conduct short, focused research.</p> <p>AP English Language and Composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of argumentative and persuasive purposes. Both their writing and their reading should make students aware of the interaction between a writer's purpose and audience, as well as the way genre conventions and the resources of language contribute to effective communication. Students will read one play and one novel but the majority of the course focuses on nonfictional texts. This course is designed to prepare students for the Advanced Placement exam. Students should expect college-level rigor.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p> <p>This three-trimester research-focused course affords students the opportunity to hone their critical reading, writing and thinking skills while strengthening their abilities as collaborators and communicators. Because this course combines the essential elements of two Advanced Placement courses, AP English Language and Composition and AP Seminar, students who take it will be prepared to sit for two AP exams in the spring. Students should expect college-level rigor.</p> <p>Open only to seniors, this course is designed to meet the needs of those students with enthusiasm who want a more intensive course in literature and writing, seeking to enter college with highly advanced reading and writing skills. In addition to reading and discussing great literary works in a variety of genres, students learn to write analytical essays based on insights and interpretation of these complex texts. This course is designed to prepare students for advanced collegiate level work and for the Advanced Placement exam. Students should expect college-level rigor.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>

English

COURSE TITLE

DESCRIPTION

AP Research

AP Research English A EN437021
AP Research English B EN437022

Course Detail: 2 Trimesters
Credit: 1.0
Grade Level: 12
Prerequisite: See page 99

[Please see course description on page 99.](#)

Comparative Mythology

Comparative Mythology EN400004

Course Detail: 1 Trimester
Credit: 0.5
Grade Level: 12 or for grade 11 as an elective after completion of AP English Language and Composition. Students must still complete 2 trimesters of English in Senior year.
Prerequisite: None

Mythology is the study of stories designed to help us confront and comprehend the fears, dreams and desires of human experience. In Comparative Mythology, students will explore the essential questions woven into the fabric of our existence and expressed in stories from around the globe: Where did we come from? Why are we here? Where are we going? Claude Levi-Strauss said: "Every myth is driven by the obsessive need to solve a paradox that cannot be solved." This class invites students to embrace the paradoxes of human experience through reading, critical and creative writing, discussion and presentations. As we explore common themes, images, and character types, we will consider personal and sociological self-discovery and self-creation.

Creative Writing

Creative Writing EN405004

Course Detail: 1 Trimester
Credit: 0.5
Grade: 12 or for grade 11 as an elective after completion of AP English Language and Composition. Students must still complete 2 trimesters of English in Senior year.
Prerequisite: None

Creative Writing invites young writers to share their unique point of view in a variety of genres and to craft original works for the purpose of artistic expression. Shifting from a focus on academic written form, students write journals, poetry, fiction, and spoken word. Forming a community of writers, students read in each genre, apply literary techniques used by published writers, engage in writers' workshop, and publish work both informally and formally.

English

COURSE TITLE	DESCRIPTION
<p>English 9</p> <p>English 9 EN100001 English 9 EN100002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 9 Prerequisite: None</p>	<p>This course emphasizes the study of literature, writing, and oral communication. Students read and analyze short stories, poetry, drama, and novels. The course also emphasizes vocabulary development, grammar, and sentence construction skills. Students learn to write well-organized paragraphs and essays, engaging in analytical, narrative, and research-based writing tasks.</p>
<p>English Language and Composition</p> <p>Language and Composition A EN305001 Language and Composition B EN305002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 11 Prerequisite: American Literature</p>	
<p>Film as Literature</p> <p>Film as Literature* EN411004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 12 or for grade 11 as an elective after completion of AP English Language and Composition. Students must still complete 2 trimesters of English in Senior year. Prerequisite: None</p> <p><i>* Potential NCAA scholarship athletes, please consult your counselor before enrolling.</i></p>	

English

COURSE TITLE	DESCRIPTION
<p>Global Perspectives in Literature</p> <p>Global Perspectives EN446024</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 12 (open to grade 11) Prerequisite: 9th and 10th grade English</p>	<p>This one trimester course offers students an opportunity to explore literature written by authors from diverse backgrounds. Looking through a variety of lenses, students will examine varying perspectives on the human experience as expressed in literature from around the world. While this is primarily a literature class focusing on novels, short fiction, and poetry, students will also engage in synthesis style discussion, interpretation of visual art, reflective writing, and analytical/interpretive writing. Each student creates and writes post for their original blog.</p>
<p>Honors American Literature (H)</p> <p>Honors American Lit A (H) EN205011 Honors American Lit B (H) EN205012</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10 Prerequisite: English 9 (H), English 9</p>	<p>The curriculum for this course is intended to prepare students for AP Literature and Composition. Designed to give the student an introduction to important literature from a variety of eras, this course includes works by major American authors. Students will be expected to read and analyze stories, novels, essays and poetry, to participate in discussion of these materials, and to write papers dealing with specific aspects of literature. Students in Honors American Literature are expected to engage in a higher level of analysis and with greater self-direction than their counterparts in American Literature.</p>
<p>Honors English 9 (H)</p> <p>Honors English 9 A (H) EN105011 Honors English 9 B (H) EN105012</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 9 Prerequisite: Teacher Recommendation</p>	<p>This course emphasizes the study of literature, writing, and oral communication. Students read and analyze short stories, drama, and novels. Students will study vocabulary, grammar, sentence structure, and organization, advancing in their versatility as writers. The course incorporates research techniques, critical and creative thinking, logic and reasoning, and argumentation techniques for both written and oral communication. Students in Honors English 9 are expected to engage in a higher level of analysis and with greater self-direction than their counterparts in English 9.</p>

English

COURSE TITLE	DESCRIPTION
Non-Fiction Writing and Visual Storytelling Non-Fiction Writing & Visual Storytelling EN501004 Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None	<p>In this trimester-long course, students will learn different ways to tell stories using non-fiction and visual story-telling forms with the culminating goal of publishing their work. Units of study will involve interviewing, ethical dilemmas of storytelling as well as using synthesis of sources to craft non-fiction writing including investigative research, feature, blogs and opinion. Students will also receive training in social media, multimedia, and video storytelling. Students in grades 9-12 may take this course concurrently with their grade-level English requirement. This course does count as an English credit for seniors.</p>
Literature Seminar Literature SEM EN415004 Course Detail: 1 Trimester Credit: 0.5 Grade Level: 12 or for grade 11 as an elective after completion of AP English Language and Composition. Students must still complete 2 trimesters of English in Senior year. Prerequisite: None	
Science Fiction Literature Science Fiction Lit EN425004 Course Detail: 1 Trimester Credit: 0.5 Grade Level: 12 or for grade 11 as an elective after completion of AP English Language and Composition. Students must still complete 2 trimesters of English in Senior year. Prerequisite: None	

Fine Arts-Art

COURSE TITLE

DESCRIPTION

Please go to: <http://sites.google.com/a/mtsd.k12.wi.us/visual-art-course-guide/> for visual selection of works for each course

AP Research

AP Research Fine Arts A	FA437021
AP Research Fine Arts B	FA437022

Course Detail:	2 Trimesters
Credit:	1.0
Grade Level:	12
Prerequisite:	See page 99

[Please see course description on page 99.](#)

AP Art & Design

AP Studio Art A	FA556021
AP Studio Art B	FA556022

Course Detail:	2 Trimesters (may be repeated)
Credit:	1.0
Grade Level:	12 (grade 11 with teacher recommendation)
Prerequisite:	Exploratory Art and three terms of a consecutive discipline and/or with consent of instructor.

AP Art & Design serves as the capstone course in the Homestead Visual Arts Program. Designed for the serious and motivated art student, AP Art & Design will foster individualized artistic growth and practice. The program consists of three different Portfolio exams - AP 2D Art & Design, AP 3D Art & Design, and AP Drawing - corresponding to college and university level foundation courses. Students create a portfolio of work to demonstrate inquiry through art and design, and development of material, process and ideas over the course of two trimesters. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on skillful synthesis of materials, process and ideas and sustained investigation through practice, experimentation and revision, guided by student derived questions.

Art Metals 1

Art Metals 1	FA105004
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Course Detail:	1 Trimester
Credit:	0.5
Grade Level:	9-12
Prerequisite:	Exploratory Art or Crafts 2

Do you love metal sculpture and jewelry? Art Metals will help students develop creativity along with fine craftsmanship through a logical sequence of projects. Students will work with base sheet metal and wire. Skills such as piercing, sawing, filing, and sanding will be taught. Students will learn metalworking and finishing techniques including cold connection, annealing, manipulation, soldering, and pickling. Finishing methods including patinas, buffing and surface treatments will also be taught. Emphasis is placed on both two-dimensional design and three-dimensional design.

Fine Arts-Art

COURSE TITLE	DESCRIPTION
<p>Art Metals 2</p> <hr/> <p>Art Metals 2 FA500004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Art Metals 1</p>	<p>For the serious art student, Art Metals 2 will continue to develop problem solving skills, their understanding of the properties of metal, and hone their skill when working in metal. Students will study advanced techniques of art metals such as stone setting, and married metal. Craftsmanship is emphasized. Students will be able to transform two-dimensional drawings into flat or three-dimensional art metal pieces. Design, craftsmanship, and metal working skills are improved with practice and guided application.</p>
<p>Art Metals 3</p> <hr/> <p>Art Metals 3 FA120004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: Art Metals 2</p>	
<p>Ceramics 1</p> <hr/> <p>Ceramics 1 FA120004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Exploratory Art or Crafts 2</p>	
<p>Ceramics 2</p> <hr/> <p>Ceramics 2 FA505004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade: 10-12 Prerequisite: Ceramics 1</p>	<p>Do you love to work with your hands? Don't mind getting a little dirty? Then this could be the class for you! Students will be introduced to the technical aspects of working with clay such as: clay preparation, construction methods, glazing and firing. Emphasis will be on hand building and application of the Principles of Design in ceramic forms. Opportunities are provided to explore creative and functional three-dimensional design. Projects include: pinch pots, vases, food safe bowls, relief tiles, lidded boxes, sculptures and more!</p> <p>Ceramics 2 students will be introduced to wheel throwing on the potter's wheel and continue to develop intermediate level hand building and sculpture techniques. Students will have the opportunity to develop their personal style, create expressive sculptures, and design functional pieces. Problem solving skills will be developed and practiced through a series of design units featuring hand building, wheel throwing, press molds, sculpture, cold and warm finish surface treatments, and choice based projects.</p>

Fine Arts-Art

COURSE TITLE	DESCRIPTION
<p>Ceramics 3</p> <hr/> <p>Ceramics 3 FA506004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: Ceramics 2</p>	<p>Ceramics 3 will provide the serious art student advanced study and application of ceramic art with an emphasis on portfolio development and AP preparation. Students will be guided in the creation of a series exhibiting the Principles of Design in the student's signature style. Advanced wheel throwing, hand building, finishing and problem solving techniques will be highlighted, such as students designing their own "signature glaze" and creating life-size portraits.</p>
<p>Crafts 1</p> <hr/> <p>Crafts 1 FA125004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None</p>	<p>Do you love to craft and make things with your hands? Are you creative? Can you make something from nothing/ Then Crafts is for you. No prior art classes are required. The Crafts 1 student will explore and develop craftsman techniques and skills involving two-dimensional and three- dimensional work. A variety of media such as paper, fibers, paint, printing ink, clay, drawing media, metal, and found objects will be utilized. Students will learn to find inspiration from everyday objects. Good craftsmanship and problem solving are emphasized. All skills and techniques are developed through guided application and practice.</p>
<p>Crafts 2</p> <hr/> <p>Crafts 2 FA130004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Crafts 1</p>	<p>Do you love design, color and art materials? Crafts 2 will fill the creative void in your life. Crafts 2 students continue to create functional and decorative items to beautify their surroundings. The Craft 2 student will develop advanced craftsman skills and techniques. Good craftsmanship and problem solving emphasized.</p>
<p>Digital Art</p> <hr/> <p>Digital Art FA135004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade: 9-12 Prerequisite: Exploratory Art</p>	<p>Are you amazed by the artwork in video games? Obsessed by the latest graphic T-shirt designs? Wowed by the visuals on your favorite websites? Let your art skills go digital! This course is an introduction to basic digital art and design. Students will experience computer generated and/or enhanced art image creation utilizing Adobe Photoshop and Illustrator. Techniques, principles, and applications from traditional art and design are used in tandem with software-based tools. Emphasis will be on the integration of drawing, scanned images, digital painting, and digital processing into high-resolution compositions. Projects include: themed compositions, portraits, character design, artist emulations, logo design and more!</p>

Fine Arts-Art

COURSE TITLE	DESCRIPTION
Digital Art 2 Digital Art 2 FA135005 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade: 9-12 Prerequisite: Exploratory Art and Digital Art 1	<p>Take your digital art and design skills to a whole new level! Digital Art 2 allows for advanced study of 21st Century design issues utilizing industry standard art and design software. Students with the desire to move beyond the survey experience of Adobe Illustrator and Photoshop from Digital Art 1 will have the opportunity to specialize in one or more programs while led through a series of teacher prompted design challenges catered to each student's individual abilities and interests. Digital tools such as animation, 3-D modeling and printing, and the production of an "artist book" are some of the approaches explored in this course all under the umbrella of creative problem solving. Projects could include: toy/game design, graphic novel creation, children's book illustration, site specific installations, short film animation and more!</p>
Drawing 1 Drawing 1 FA140004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Exploratory Art	<p>Learn how to draw like a trained artist! Impress your friends and family! Anyone can learn to create successful compositions by activating the "right" side of the brain! Students will develop an understanding of a variety of drawing media and techniques including pencil, colored pencil, charcoal, conté crayon, pastel, and pen and ink. The Art Elements will be activated by the Principles of Design through a series of teacher guided observation studies, and student selected reference images drawings.</p>
Drawing 2 Drawing 2 FA515004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Drawing 1	<p>For the student who LOVES to draw! Students in this class will use prior knowledge of drawing techniques and new artistic applications to develop advanced studio skills, increase their ability to draw a representational image, and express personal statements through artwork creation. Students will use traditional studio techniques as well as 21st Century technology skills for image creation. Students in Drawing 2 have more choice and control over the artwork they create within defined parameters to encourage conceptual and perceptual growth. These skills are developed with practice and guided application.</p>
Drawing 3 Drawing 3 FA515004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: Drawing 2	<p>Drawing 3 will provide the serious art student advanced study and application of studio drawing techniques with an emphasis on portfolio development and AP preparation. Students will hone perceptual and conceptual drawing skills to develop a body of work. Emphasis will be on drawing from life (perception) and occasionally from student created reference images. Students build on previous art courses to develop their artistic "voice" (concepts) or "style" of art making in preparation for AP Art & Design.</p>

Fine Arts-Art

Exploratory Art COURSE TITLE		DESCRIPTION
Explore Art FA145004		<p>Exploratory Art is a foundation course designed to prepare both novice and experienced students for success in the Homestead Visual Arts program. Emphasis will be on the introduced of the Components of Art, Art Elements, and Principles of Design through a series of projects utilizing traditional art making approaches. These may include: contour line, shaded pencil drawings, portraiture, figure drawing, scratchboard, metal repousse, abstraction, perspective drawing, and painting. Students will harness 21st century technology skills to create reference images to inform their work. A variety of historical and contemporary artists will be introduced in tandem with all projects. Exploratory Art is a prerequisite for Art Metals, Ceramics, Drawing, Digital Art, Painting, Photography and AP Art and Design.</p>
Course Detail: 1 Trimester		
Credit: 0.5		
Grade: 9-12		
Prerequisite: None		
Painting 1 FA145004		<p>Learn how to paint! Everyone starts somewhere. This course is for the student that is interested in painting or already loves to paint. Students will develop an understanding of watercolor and acrylic paint. Students will be provided opportunities to develop their observational, compositional, and problem solving skills. Students will learn basic painting techniques such as: glazing, scumbling, underpainting, blocking in color, sketch and wash, and how to use a palette knife. Students will be introduced to art history through the study and emulation of paintings from Realism through Contemporary Art. All of these skills are developed through guided application and practice.</p>
Course Detail: 1 Trimester		
Credit: 0.5		
Grade Level: 9-12		
Prerequisite: Exploratory Art		
Painting 2 FA526004		<p>This course is for the passionate painter! Using prior knowledge, students will develop advanced perceptual and conceptual skills, increase their ability to paint a representational image, and express personal statements through artwork creation. Students will be provided opportunities to develop their observational and compositional skills, problem solving, and the creation of paintings in a series. Students will use 21st Century technology skills to develop reference images for their paintings. Students will continue to study art history including contemporary painting.</p>
Course Detail: 1 Trimester		
Credit: 0.5		
Grade Level: 9 -12		
Prerequisite: Painting 1		

Fine Arts-Art

COURSE TITLE	DESCRIPTION
<p>Painting 3</p> <hr/> <p>Painting 3 FA526004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: Painting 2</p>	<p>Painting 3 is for the serious advanced artist pursuing portfolio development and AP preparation. Through the study and application of painting techniques, students will be guided in the creation of a series exhibiting the principles of design in the student's signature style. Advanced painting techniques and problem solving will be emphasized. At the end of the term, students will design a showcase displaying their body of work to the faculty, student body, and community.</p>
<p>Photography 1</p> <hr/> <p>Photography 1 FA534004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade: 9-12 Prerequisite: Exploratory Art or Crafts 2</p>	<p>Love taking photos? Have you always wanted to try our film photography? Photography 1 is a blend of learning traditional darkroom film photography, digital photography and Photoshop for photo editing and photo composites. Students will learn to use a 35mm film camera, develop their film, and enlarge their photos in the dark room. Utilizing both film and digital photography, students will learn to use photography to express and visually communicate ideas, photographic techniques and camera control like aperture and shutter speeds to help express those ideas, and explore the elements and principles of design through photography. You will learn to take your photography skills to the next level!</p>
<p>Photography 2</p> <hr/> <p>Photography 2 FA535004</p> <hr/> <p>Course Detail: 1 Trimester Credit: 0.5 Grade: 9-12 Prerequisite: Photography 1</p>	<p>Continuing with the foundation from Photo 1, students will continue to develop their skills in traditional darkroom film photography, digital photography, and Photoshop. Students will engage in open-ended design challenges choosing from traditional, digital, and alternative materials for production and display including options such as altered photographs, photo books, large scale prints, conceptual photography, darkroom processes and more. Photography 2 continues to help students strengthen and develop their knowledge of their camera and camera controls like shutter speed, aperture, and light metering. The working methods of processional studio practice are explored during the production of commercial and fine art images.</p>

Fine Arts-Music Band

COURSE TITLE

DESCRIPTION

Concert Band

Concert Band A	FM100001
Concert Band B	FM100002
Concert Band C	FM100003

Course Detail:	3 Trimesters
Credit:	1.5
Grade Level:	9-12
Prerequisite:	For 9th grade, recommendation by Middle School Band Director or audition by the High School Director of Bands. For 10th-12th previous band experience or consent of instructor

Concert Band is our entry level music course offering. Members perform diverse styles of music with emphasis on performance skills, music literacy/theory, and making historical connections with the music being performed. Students perform at public concerts, home football games, parades, the WSMA solo/ensemble festival, and more. Concert Band members have the opportunity to participate in our jazz ensemble program. Students enrolled in Concert Band combine with Symphonic Band members to form the Highlander Marching and Pep Bands. This course fulfills the Fine Arts graduation requirement.

Highlander Symphonic Band

Symphonic Band A	FM500001
Symphonic Band B	FM500002
Symphonic Band C	FM500003

Course Detail:	3 Trimesters
Credit:	1.5
Grade Level:	10-12
Prerequisite:	Previous band experience and consent of instructor

Symphonic Band is our advanced level music course offering. Members perform diverse styles of music with emphasis continuing to be on performance skills, music literacy/theory, and making historical connections with the music being performed. Students perform at public concerts, home football games, parades, the WSMA solo/ensemble festival, and more. Concert Band members have the opportunity to participate in our Jazz Ensemble program. Upper chair players form the wind & percussion component of our Full Orchestra. Students enrolled in Symphonic Band combine with Concert Band members to form the Highlander Marching and Pep Bands. This course fulfills the Fine Arts graduation requirement.

Fine Arts-Music Choir

COURSE TITLE		DESCRIPTION
Highlander Choir		<p>Highlander Choir is the entry level Homestead choral music course offering, and is open to all students in grades 9-12 without audition. Emphasis is on music literacy, vocal technique, and studying diverse genres of music. Students are eligible to participate in extra-curricular ensembles, as well as WSMA Solo & Ensemble Festival. Highlander Choir performs at school concerts and fulfills the Homestead Fine Arts graduation requirement.</p>
Highlander Choir A	FM110001	
Highlander Choir B	FM110002	
Highlander Choir C	FM110003	
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Course Detail:	3 Trimesters	
Credit:	1.5	
Grade Level:	9-12	
Prerequisite:	None	
Tartan Choir		
Tartan Choir A	FM510001	
Tartan Choir B	FM510002	
Tartan Choir C	FM510003	
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Course Detail:	3 Trimesters	
Credit:	1.5	
Grade Level:	10-12	
Prerequisite:	By audition and consent of instructor	
Treble Choir		
Treble Choir A	FM515001	
Treble Choir B	FM515002	
Treble Choir C	FM515003	
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Course Detail:	3 Trimesters	
Credit:	1.5	
Grade Level:	11-12	
Prerequisite:	By audition and consent of instructor	
		<p>Treble Choir is the advanced treble-voice choral music course offering, and is open to treble voices in grades 11-12. An audition and consent of instructor is required. Treble Choir performs literature specifically composed or artistically arranged for treble voices. Students continue to develop vocal technique, hone sight-reading skills, and perform diverse genres of repertoire. Students are eligible to participate in extra-curricular ensembles, WSMA Solo & Ensemble Festival, and may audition for WSMA State Honors Choir. Treble Choir performs at school concerts, special events, and at the Homestead graduation ceremony, and fulfills the Fine Arts graduation requirement.</p>

Fine Arts-Music Orchestra

COURSE TITLE		DESCRIPTION
Chamber Orchestra		<p>The Homestead Chamber Orchestra is an advanced section of orchestra designed to meet the music learning needs of the most advanced and experienced violin, viola, cello, or string bass musicians of the entire HHS Orchestra Program. Enrollment is by audition, with consent of the instructor, and will be limited to approximately 30 students. (Current members of the Co-Curricular Chamber Orchestra are automatically eligible to enroll in this section). Members of the Chamber Orchestra will continue to develop performance skills while studying advanced-level string and symphony orchestra repertoire. They will perform in conjunction with the Symphony Orchestra and members of the Symphonic Band to comprise Orchestra will also offer several additional performances as a self-contained ensemble. Chamber Orchestra student musicians are able to perform at the WSMA Solo Class A level, and most can study concerto-level solo repertoire. Primarily comprised of juniors and seniors, Chamber Orchestra is open to students from grades 10-12, and fulfills the Fine Arts graduation requirement.</p> <p>Members of the Homestead High School String Orchestra will develop violin, viola, cello, and bass performance skills while studying and performing standard intermediate-level string orchestra repertoire. Students will also experience the aesthetics of musical expression as a result of participating in this class. 9th grade students are eligible to enroll in this class with the recommendation of the middle school orchestra director or with a prerequisite minimum of at least two years of string playing experience with a private instructor. This course is open to students from grades 9-12 and fulfills the Fine Arts graduation requirement.</p> <p>Members of the Homestead High School Symphony Orchestra will continue to develop violin, viola, cello, and bass performance skills while studying and performing standard intermediate and advanced-level string and symphony orchestra repertoire. Students must demonstrate attainment of the necessary technical performance skills for membership in this ensemble by participating in the String Orchestra for at least one year, or by auditioning for the instructor. All Current members of Symphony Orchestra are automatically eligible to re-enroll in this section. The Symphony Orchestra provides an optimal learning environment for our intermediate-level string musicians to continue to grow musically and technically during our daily rehearsals. This ensemble will perform all repertoire jointly with the Chamber Orchestra in our curricular concerts. Symphony Orchestra is open to grades 10-12, and fulfills the Fine Arts graduation requirement.</p>
Chamber Orchestra A	FM520001	
Chamber Orchestra B	FM520002	
Chamber Orchestra C	FM520003	
Course Detail: 3 Trimesters		
Credit:	1.5	
Grade Level:	10-12	
Prerequisite:	String Orchestra, audition	
String Orchestra		
String Orchestra A	FM105001	
String Orchestra B	FM105002	
String Orchestra C	FM105003	
Course Detail: 3 Trimesters		
Credit:	1.5	
Grade Level:	9-12	
Prerequisite:	Minimum of 2 years string playing experience, or consent of instructor	
Symphony Orchestra		
Symphony Orchestra A	FM505001	
Symphony Orchestra B	FM505002	
Symphony Orchestra C	FM505003	
Course Detail: 3 Trimesters		
Credit:	1.5	
Grade Level:	10-12	
Prerequisite:	By audition and consent of instructor	

Fine Arts-Music

COURSE TITLE

DESCRIPTION

AP Music Theory

AP Music Theory

FM521024

Course Detail: 1 Trimester
Only offered Trimester 1
 Credit: 0.5
 Grade Level: 11-12
 Prerequisite: Full year study in a Band, Choir or Orchestra class or passing score earned on the music theory prerequisite placement test

The AP Music Theory course is designed to be a rigorous study of music theory to aid those who are interested in pursuing music beyond high school. Open to students possessing a passionate desire to study the mechanics of music construction or those who may wish to pursue a career as a performer, composer, or teacher. Focus is on the skills required to be successful as a first year music student at a college, university, or conservatory. This course is for students with a strong background in music, including the ability to read both bass and treble clefs fluently. Course content includes harmony with harmonic analysis, melodic and rhythmic structure, part writing, formal analysis, and score reading. Personal music skills will be developed daily through ear training, dictation and sight singing. Although keyboard skills are not required, they are beneficial and will be explored. If you are not a member of a music performance class but are interested in AP music theory, please make an appointment with a member of the music faculty before enrolling.



Fine Arts-Theatre

COURSE TITLE	DESCRIPTION
Acting 1 Acting 1 FT100004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None	<p>Acting 1 introduces the student to beginning acting techniques and theatre appreciation. In this course, students will develop lifelong skills such as problem-solving, communication skills, creative imagination, expression and planning for college and careers after high school. The class includes teamwork, relaxation, concentration, movement, voice, play analysis, acting, film work, character analysis, performance, scene work, monologues, and play reviews.</p>
Acting 2/Direct Act 2/Direct FT105004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Acting 1	
Technical Theatre 1 Tech Theatre 1 FT110004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None	
Technical Theatre 2 Tech Theatre 2 FT1210110w <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: Technical Theatre 1 or consent of teacher; repeatable for credit	

Acting 1 introduces the student to beginning acting techniques and theatre appreciation. In this course, students will develop lifelong skills such as problem-solving, communication skills, creative imagination, expression and planning for college and careers after high school. The class includes teamwork, relaxation, concentration, movement, voice, play analysis, acting, film work, character analysis, performance, scene work, monologues, and play reviews.

Acting 2 is an in-depth study of the play production process with actors and directors: choosing a play, casting, blocking and rehearsals. Students learn more about character work and also focus on the directing side of the theatre. The class works together to produce and perform a one-act play of their choice. This class may be taken multiple times for credit as it changes each class.

Technical Theatre 1 introduces the art and science of the TECHNICAL aspects of theatre production. Units include: set and prop construction, lighting and sound design, make-up and costuming. Academic study and hands-on learning activities provide students with the opportunity to contribute to that trimester's main stage production. Script study and evaluation of plays will add to the overall theatrical experience. This class may be taken multiple times for credit as it changes each class.

Technical Theatre 2 is for students who want to take a leadership role in Technical Theatre and further develop their skills in a specific field or fields. Topics to choose from include set construction and design, sound, lighting, prop design, and costuming.

Fine Arts-Theatre

COURSE TITLE

DESCRIPTION

Theatre Production-One Act

Theatre-1 Act FT505004

Course Detail: 1 Trimester
Offered trimester 1 only
 Credit: 0.5
 Grade Level: 11-12
 Prerequisite: Consent of instructor
 (Theatre Production Seminar Recommended)
 Note: This course may require an audition.

The goal of this course is to select, design, mount and perform a One Act play using both actors and technicians. This course will emphasize production work on a 40-minute play that will be entered into the Wisconsin High School Theatre Festival. This class may be taken multiple times for credit as it changes each class.

Theatre Production Seminar

Theatre Prod Sem FT115004

Course Detail: 1 Trimester
 Credit: 0.5
 Grade Level: 10-12
 Prerequisite: Consent of instructor and Acting 1 & 2 or Technical Theatre

This course is open to advanced theatre students who wish to explore production elements not covered in beginning acting or technical classes. Students in this class will be able to take their theatre education in their own hands and decide as a class what they want to learn. Past classes have mounted full productions or worked in smaller groups to perform smaller plays. They have decided to learn such things as stage combat, audition work, lighting design, make-up design, clowning, advanced tech theatre elements, etc. Since this is a seminar class, students have input into areas of theatre they wish to explore. This class may be taken multiple times for credit as it changes each class.

Theatrical Dance

Theatrical Dance FT100005

Course Detail: 1 Trimester
 Credit: 0.5
 Grade Level: 9-12
 Prerequisite: None

Students will develop their individual knowledge, skills, abilities, behaviors, and attitudes in relation to the world of dance, their own unique identity, and the world around them through the perspective of dance. The focus will be given to learning various dance techniques, basic dance history, and expressing one's self through movement. Students will discover their own movement potential and expand respect of self and others through the practice of studio etiquette, various class structures, and audience participation. By exploring the field of dance natural connections to personal interests and related fields of study will develop. This class may be taken multiple times for credit as it changes each class.

Independent Study

The purpose of this course is to provide students with the opportunity for advanced in-depth study in an area of their interest and proven aptitude. The course is aimed at students who have finished, or who are concurrently enrolled in, the highest course of the instructional sequence in that area at Homestead. The course may also be used to meet the needs of students for whom no course is currently available at Homestead, according to department guidelines. However, independent study is not intended to take the place of a course offered at Homestead. If a course does not run in a given year due to low enrollment, students who registered for that class do not have the option of registering to take it as an independent study.

A teacher will work with the student as a mentor on the subject. The student will be assigned to work in one of the mentor teacher's classes. In this way, the student will have daily contact with the teacher. If no teacher is available and certified to mentor the independent study candidate, the independent study application will be denied.

To help students and families determine the appropriateness of independent study, the chart below distinguishes it from AP Research.

Independent Study	AP Research
A continued course-like study of a subject (e.g. the next course in math beyond Multivariable calculus).	In-depth original research on a topic Requires a challenging question for inquiry.
Must have taken the highest level course in the course sequence at HHS (e.g. Multivariable calculus). If this requirement has been met, the independent study could be for a junior.	Must have taken AP Language and Seminar as a junior. AP Research is taken as a senior.
Independent study does not lead to a special diploma.	AP Research, as part of the AP Capstone program, can lead to a special diploma from the College Board.
Independent Study is appropriate for skill-oriented study (e.g. computer programming, music performance).	AP Research is focused on inquiry. Skills of inquiry are developed, but the focus of the study is on the research question.

An honors-level course, independent study is a culminating experience for students. The experience is to be rigorous and challenging as it is typically college level material. It is not intended to be the default option for students who have simply exhausted course work in a subject. Students who need a more structured class experience to develop their skills are not appropriate candidates for independent study.

How many independent study courses may a student take at one time?

Independent study is a junior-senior course option, with the vast majority of independent study students appropriately being seniors rather than juniors. Students are allowed one independent study course per trimester. However, notable exceptions will be handled on a case-by-case basis.

Applications and Specific Department Requirements

Candidates for independent study should see the [TAG Coordinator](#) for an application, instructions and specific department requirements. Completed applications are due to the appropriate department chairperson **by March 22** and to the TAG Coordinator **by April 5**. If the deadline falls on a weekend, the application is due prior to that weekend. Students will receive notification of their acceptance status by the beginning of May.

Mathematics

COURSE TITLE		DESCRIPTION
AP Calculus AB AP Calculus AB A MA400021 AP Calculus AB B MA400022		<p>This Advanced Placement course will cover limits, derivatives, and integrals of algebraic and transcendental functions as well as applications of these topics. The course will be equivalent to a first semester college calculus course and is designed to prepare the student for the AP Calculus AB test in May. This course is not open to students who have completed Honors Pre-Calculus BC. Students taking this class may also be interested in taking AP Calculus Workshop during trimester 3 to help prepare for the AP exam.</p>
Course Detail:	2 Trimesters Only offered trimesters 1 and 2	
Credit:	1.0	
Grade Level:	10, 11, 12	
Prerequisite:	Pre Calc or H Alg 2/Trig Graphing calculator required	
AP Calculus BC AP Calculus BC A MA310021 AP Calculus BC B MA310022		<p>This Advanced Placement course will provide a review of limits, derivatives, and integrals of algebraic and transcendental functions. In addition, the course includes a study of exponential and logarithmic functions, infinite and power series, polar coordinates, inverse trig functions, and vectors in the plane. The course will be equivalent to two semesters of a college calculus course and is designed to prepare the student for the AP Calculus BC test in May. Students taking this class may also be interested in taking AP Calculus Workshop during trimester 3 to help prepare for the AP exam.</p>
Course Detail:	2 Trimesters Only offered trimesters 1 and 2	
Credit:	1.0	
Grade Level:	11-12	
Prerequisite:	AP Calc AB Graphing calculator required	
AP Research AP Research Mathematics A MA437021 AP Research Mathematics B MA437022		<p>Please see course description on page 99.</p>
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	12	
Prerequisite:	See page 98	

Mathematics

COURSE TITLE		DESCRIPTION
AP Statistics		<p>This course will follow the AP Statistics course outline. The course is divided into four major themes: exploratory data analysis, planning a study, probability, and statistical inference. This course will be equivalent to a one semester introductory college statistics course.</p> <p>Algebra 1 continues the study of variables, constants, expressions and equations. Topics covered are: solving equations, simplifying expressions, understanding order of operations, using properties, arithmetic operations with positive and negative numbers, polynomials, factoring, graphing (linear and quadratic equations), working with radicals, and probability. Applications of these topics are stressed.</p> <p>Algebra 2 continues the study of topics covered in Algebra 1 including linear and non-linear functions, roots of polynomial equations, as well as preparation topics for pre-calculus.</p>
AP Statistics A	MA315021	
AP Statistics B	MA315022	
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Course Detail:	2 Trimesters	
	<i>Only offered trimesters 1 and 2</i>	
Credit:	1.0	
Grade Level:	11-12	
Prerequisite:	Algebra 2 or Honors Algebra 2 Graphing Calculator is Required	
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Algebra 1		
Algebra 1 A	MA100001	
Algebra 1B	MA100002	
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Course Detail:	2 Trimester	
Credit:	1.0	
Grade:	9	
Prerequisite:	Approval of department chair	
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Algebra 2		
Algebra 2 A	MA405001	
Algebra 2 B	MA405002	
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Course Detail:	2 Trimester	
Credit:	1.0	
Grade Level:	10-11	
Prerequisite:	Geometry and Algebra 1 Graphing calculator required	

Mathematics

COURSE TITLE		DESCRIPTION	
Intro to Statistics		<p>This course will study statistics and data analysis. The course will focus on real-life data. Students will look for patterns in data, will learn how to represent data in multiple forms, and will learn how to evaluate data to determine the reliability of the data. In addition, students will use probability models to describe and predict outcomes. A graphing calculator is required and will be used throughout the course.</p> <p>In addition to the properties of geometric figures, topics in logic will be taught. Emphasis will be placed on learning to organize thinking in an orderly manner to reach a valid conclusion. Selected topics in solid geometry will also be covered. Geometric proof is included.</p> <p>Honors Algebra 1 (H) is a rigorous mathematics course stressing deductive reasoning. This course is structured to challenge mathematical minds. Major topics of the Honors Algebra 1 (H) curriculum will include linear equations, linear systems, factoring of polynomials, algebraic fractions, techniques of graphing, radicals and exponents, quadratic equations, an introduction to functions, mathematical induction, and probability.</p>	
Intro to Statistics			MA305001
Course Detail:	1 Trimesters		
Credit:	0.5		
Grade:	11-12		
Prerequisite:	Algebra 2		
	Graphing calculator required		
Geometry			
Geometry A	MA115001		
Geometry B	MA115002		
Course Detail:	2 Trimesters		
Credit:	1.0		
Grade Level:	9-10		
Prerequisite:	Algebra 1		
Honors Algebra 1 (H)			
Honors Algebra A (H)	MA105011		
Honors Algebra B (H)	MA105012		
Course Detail:	2 Trimesters		
Credit:	1.0		
Grade Level:	9		
Prerequisite:	Approval of Department Chair		

Mathematics

COURSE TITLE	DESCRIPTION
Honors Algebra 2/Trigonometry (H) Honors Alg 2/Trig A (H) MA125011 Honors Alg 2/Trig B (H) MA125012 <hr/> Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 9-10 Prerequisite: A grade of "B" or better in Honors Geometry (H) Graphing calculator required	<p>Honors Algebra 2/Trigonometry (H) is a rigorous math course that includes all functions and Trigonometry. Application problems are included and combined with the graphing calculator and will serve to strengthen the student's intuition and provide concrete representation of algebraic functions. The course will cover topics taught in college algebra and trigonometry and is the equivalent of a one-semester college algebra course and a one-semester course in college trigonometry.</p>
Honors Geometry (H) Honors Geometry A (H) MA120011 Honors Geometry B (H) MA120012 <hr/> Course Detail: 2 Trimesters Credit: 1.0 Grade: 9 Prerequisite: Minimum of "B" average in Honors Algebra 1 (H)	
Introduction to College Algebra Intro to College Algebra MA250100 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade: 12 Prerequisite: Algebra 2 or Honors Algebra 2	
Linear Algebra & Matrices Linear Algebra & Matrices MA307110 <hr/> Course Detail: 1 Trimesters Credit: 0.5 Grade: 11-12 Prerequisite: Pre Calc: Functions or Honors Algebra 2	<p>This course will support students in developing their understanding of systems and their applications. Topics covered will include matrices, linear programming, partial fraction decomposition, and applications of these topics.</p>

Mathematics

COURSE TITLE	DESCRIPTION
Multi-Variable Calculus (H) Multivariable Calc A (H) MA410011 Multivariable Calc B (H) MA410012 <hr/> Course Detail: 2 Trimesters Part B offered Tri 3 only Credit: 1.0 Grade Level: 12 Prerequisite: A grade of "B" or better in Advanced Placement Calculus BC Graphing calculator required Pre-Calculus: Functions Pre-Calculus: Functions MA300001 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 11-12 Prerequisite: Algebra 2 Graphing calculator required Pre-Calculus: Trigonometry Pre-Calculus: Trigonometry MA300002 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 11-12 Prerequisite: Algebra 2 Graphing calculator required Workshop: AP Calculus Workshop AP Calculus MA300001 Workshop AP Calculus MA300002 <hr/> Course Detail: Offered Trimester 3 only No Honors Credit Credit: 0.5 Grade Level: 10,11,12 Prerequisite: AP Calculus AB or AP Calculus BC Graphing calculator required	<p>This course is equivalent to the third semester of college calculus and an introduction into differential equations and linear algebra. Topics will include vectors in space, functions of several variables, multiple integration, vector fields, and differential equations.</p> <p>This course extends the learning of functions and will introduce topics necessary for calculus. There is a strong emphasis on the solving and graphing of functions, systems and additional equations.</p> <p>This course will provide a comprehensive study of topics necessary for success in calculus. The course will include an in-depth study of trigonometry by using triangles and circular functions. Graphs of trig functions, trig identities, trig equations, vectors, and applications of trigonometry will be studied.</p> <p>This course is an extension of AP Calculus AB and AP Calculus BC. This course will further prepare students for the AP Calculus test. After the AP test, students will explore applications of Calculus in the real world. This course will not receive a weighted grade. This course is not an opportunity to receive additional AP credit beyond the course taken in the first two trimesters.</p> <p>Students will be required to purchase a mathematics department recommended review booklet. Cost is \$35, and will be added to you I.C. fees.</p>

Physical Education/Health

All students are required to take 1.5 total credits of P.E.*

Each trimester P.E. Class is worth 0.5 credit.

- 1 required trimester of Health Education during grade 9
- 1 required trimester of Physical Education during grade 9
- 1 required trimester of Physical Education during grade 10
- 1 required trimester of Physical Education during grade 11 or 12

Students may elect to take additional physical education courses beyond what is required.

Sophomore, junior and senior students will choose the courses that they want to take.

Read the course descriptions carefully. Some courses cannot be repeated.

Some courses have fees and equipment requirements.

***Do not choose courses that include activities in the swimming pool if you have a medical excuse.**



Physical Education/Health

COURSE TITLE		DESCRIPTION
Adaptive Physical Education Peer Mentor Adapt P.E. Peer Mentor PE200004		<p>Students can receive credit as class helpers in the Adaptive P.E. class. If you are looking for a rewarding experience where you can work one on one with a student who may need assistance, this is a great opportunity. You MUST fill out an application to be considered for this class. See Ms. White if interested.</p>
Course Detail: 1 Trimester <i>May be repeated after 1.5 credit total met</i> Credit: 0.5 Grade Level: 10-12 Prerequisite: Students must complete an application and obtain consent from the instructor		
AP Research AP Research Physical Education A PE437021 AP Research Physical Education B PE437022		
Course Detail: 2 Trimester Credit: 1.0 Grade Level: 12 Prerequisite: See Page 99		
Core Strength Core Strength PE205004		<p>If you are looking for a strength, flexibility and fitness based course that will help tone your muscles as well as increase your "core" strength, this popular class is perfect for you. Total body fitness will be developed through the practice of resistance training, yoga, pilates, and many other great workouts.</p>
Course Detail: 1 Trimester <i>May be repeated</i> Credit: 0.5 Grade Level: 10-12 Prerequisite: None		
Core Strength "Zero Hour" Core Strength PE266004		
Course Detail: 1 Trimester Credit: 0.5 Grade: 10-12 Prerequisite: None		
		<p>Please see course description on page 99.</p>

Physical Education/Health

COURSE TITLE	DESCRIPTION
Fall/Spring Lifetime Sports Fall/Spring Lifetime Sports PE210004 <hr/> Course Detail: 1 Trimester <i>Only offered Trimesters 1 and 3</i> <i>May be repeated after the 1.5 credit total met</i> Credit: 0.5 Grade Level: 10-12 Prerequisite: None	<p>These lifetime activities can be enjoyed for years and years to come. Tennis, ultimate frisbee and both golf and disc golf are outstanding outdoor units. Indoor units include bowling, volleyball, curling, table tennis and pickle ball.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
Freshman Physical Education Freshman P.E. PE105004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9 Prerequisite: None	
Health Education Health Education PE100004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9 Prerequisite: None	
Outdoor Adventure Outdoor Adventure PE215004 <hr/> Course Detail: 1 Trimester <i>May not be repeated</i> Credit: 0.5 Grade: 10-12 Prerequisite: None	

Physical Education/Health

COURSE TITLE	DESCRIPTION
Basic Strength Training Basic Strength Training PE220004 <hr/> Course Detail: 1 Trimester May be repeated Credit: 0.5 Grade Level: 10-12 Prerequisite: None	Based in the Homestead weight room, students will learn basic and complex strength principles and techniques. Periodic assessment of goal improvement is a key component. Students will also choose and present on fitness related topics. This is a great fitness-based opportunity.
Sports Performance Training Sports Performance Training PE330005 <hr/> Course Detail: 1 Trimester <i>May be repeated</i> Credit: 0.5 Grade Level: 10-12 Prerequisite: None	
Team Sports Team Sports PE225004 <hr/> Course Detail: 1 Trimester May be repeated Credit: 0.5 Grade Level: 10-12 Prerequisite: None	
Triathlon Triathlon PE230004 <hr/> Course Detail: 1 Trimester <i>Only offered Trimester 3</i> <i>Only offered in even years</i> May be repeated after the 1.5 credit requirement Credit: 0.5 Grade Level: 10-12 Prerequisite: None	
	Student will learn training principles and proper technique for performance lifts, including variations of the squat, push, pull, dead lift and clean among others. Students will get the opportunity to train and track improvement in areas of speed, horizontal and vertical power and strength. This course is based on performance that can be used in a wide range of sports and activities.
	This action-packed course is based on quality competition in a team setting. Teams are set the first week, techniques and strategies are practiced, then scores and standings are kept throughout the trimester. Emphasis is placed on class preparedness, effort, sportsmanship, and collaboration/ teamwork. The aquatics unit is a required unit for team sports.
	A true test for the multi-talented fitness seeker, this 3rd trimester course concentrates on training around the three disciplines of triathlon: biking, swimming and running. Students will use a wide variety of training methods to reach their ultimate goal - completing a "sprint distance" triathlon consisting of a 400 yard swim, 6 mile bike and 2 mile run. <u>Students must have access to their own bike and helmet.</u>

Physical Education/Health

COURSE TITLE

DESCRIPTION

Wellness

Wellness PE235004

Course Detail: 1 Trimester
May be repeated after the
1.5 credit total met
Credit: 0.5
Grade Level: 10-12
Prerequisite: None

This course includes units in basic fitness workouts, yoga, pilates, wellness health topics and personal safety. Instruction leading to certification in the techniques of CPR, AED, and First Aid are part of this course based on the American Red Cross Standards. A course fee to cover CPR certification through the American Red Cross will be charged at registration.

Winter Lifetime Sports

Winter Lifetime Sports PE240004

Course Detail: 1 Trimester
Only offered trimester 2
May be repeated after the
1.5 credit total met
Credit: 0.5
Grade Level: 10-12
Prerequisite: None

These lifetime activities can be enjoyed for years and years to come. Curling, cross country skiing and snowshoeing are popular winter activities. Badminton, volleyball, and table tennis round out this second trimester "winter" course.

There is a fee associated with this course that will be due at registration.



Science and Engineering

COURSE TITLE		DESCRIPTION	
AP Biology		<p>AP Biology follows the curriculum prescribed by the College Board. The two main goals are to help students develop a conceptual framework for modern biology and an appreciation of science as a process. Emphasis is placed on the laboratory experience to meet these goals, and students' independent study of each unit is critical to their success. This course focuses on developing enduring, conceptual understandings and the development of reasoning skills necessary to engage in the practice of science while studying Biology. This course provides the opportunity for students to take the AP Biology exam in May and, depending on their college and choice of majors, may qualify them for college credit or a higher placement in science.</p>	
AP Biology A	SC305021		
AP Biology B	SC305022		
Course Detail:	2 Trimesters <i>Offered trimester 1 and 2</i>		
Credit:	1.0		
Grade Level:	11-12		
Prerequisite:	Chemistry Also consider registering for Workshop: AP Science for trimester 3.		
AP Chemistry			
AP Chemistry A	SC300021		
AP Chemistry B	SC300022		
Course Detail:	2 Trimesters Offered trimesters 1 and 2	<p>AP Chemistry follows the curriculum prescribed by the College Board for chemistry. It is intended to be the equivalent of a first year general chemistry course in college. Students' independent study of each unit is critical to their success as class time is devoted to discussion and lab activity. Units of study include Stoichiometry, Thermochemistry, Gases, Electron Structure of Atoms, Chemical Equilibrium, Solubility Equilibria, Oxidation/Reduction, Electrochemistry, and Acids and Bases. This course provides the opportunity for students to take the AP Chemistry exam in May and, depending on their college and choice of majors, may qualify them for college credit or a higher placement in science.</p>	
Credit:	1.0		
Grade Level:	11-12		
Prerequisite:	"B" or better average in Chemistry, and Algebra 1. (Honors Chemistry is recommended.) Also consider registering for Workshop: AP Science for trimester 3.		
AP Environmental Science			
AP Environmental Sci A	SC205021		
AP Environmental Sci B	SC205022		
Course Detail:	2 Trimesters		<p>AP Environmental Science is designed to be the equivalent of a one-semester introductory college course in environmental science. The goal of the course is to provide students with the scientific principles, concepts, and methodologies required to understand the inter-relationships of the natural world, to identify and analyze environmental problems both natural and man-made, to evaluate the relative risks associated with these problems, and to examine alternative solutions for resolving or preventing them. Students' independent study of each unit is critical to their success as class time is devoted to discussion and lab activity. This course provides the opportunity for students to take the AP Environmental Science exam in May and, depending on their college and choice of majors, may qualify them for college credit or a higher placement in science.</p>
Credit:	1.0		
Grade Level:	10-12		
Prerequisite:	Biology and Algebra 1 Students wishing to take this course as a sophomore must seek the recommendation of their Biology teacher. Also consider registering for Workshop: AP Science for trimester 3.		

Science and Engineering

COURSE TITLE	DESCRIPTION
<p>AP Physics 1: (Honors Physics)</p> <p>AP Physics 1 - A SC403021 AP Physics 1- B SC403022</p> <hr/> <p>Course Detail: 2 Trimester <i>Offered trimesters 1 and 2 only</i></p> <p>Credit: 1.0</p> <p>Grade Level: 10-12</p> <p>Prerequisite: Biology and a "B" or better in Geometry. Also consider registering for Workshop: AP Science for trimester 3. Not available for students who have completed Physics.</p>	<p>AP Physics 1 is equivalent to the first semester of a typical introductory, algebra-based college physics course. Students are introduced to physics concepts through an inquiry-based approach, and provided with enduring, conceptual understandings of foundational physics principles. AP Physics 1 follows the curriculum prescribed by the College Board, concepts covered include motion in one and two dimensions, forces, momentums, and energy. The course prepares students to take the AP Physics 1 exam in May and, depending on their college/major, may qualify for them for college credit or a higher placement in science.</p>
<p>AP Physics 2</p> <p>AP Physics 2 - A SC404021 AP Physics 2 - B SC404022</p> <hr/> <p>Course Detail: 2 Trimesters <i>Offered trimesters 1 and 2 only</i></p> <p>Credit: 1.0</p> <p>Grade Level: 11-12</p> <p>Prerequisite: Physics and a "B" or better in Geometry or AP Physics 1. Also consider registering for Workshop: AP Science for trimester 3.</p>	<p>Any student who has completed either Physics or AP Physics 1 is encouraged to enroll in this course. AP Physics 2 is equivalent to the second semester of a typical introductory algebra-based college physics course. Students are introduced to physics concepts through an inquiry-based approach, and provide with enduring, conceptual understandings of foundational physics principles. AP Physics 2 follow the curriculum prescribed by the college board, concepts covered include electricity and magnetism, wave behaviors, and thermodynamics. The college prepares students to take the AP Physics 2 exam in May and, depending on their college/major, may qualify them for college credit or a higher placement in science.</p>
<p>AP Physics C</p> <p>AP Physics C A SC402021 AP Physics C B SC402022</p> <hr/> <p>Course Detail: 2 Trimesters <i>Offered trimesters 1 and 2 only</i></p> <p>Credit: 1.0</p> <p>Grade: 10-12</p> <p>Prerequisite: A "B" or better in AP Physics 1 and a "B" average or better in either AP Calculus AB or Honors Pre-Calculus BC. Also consider registering for Workshop: AP Science for trimester 3.</p>	<p>AP Physics C follows the curriculum prescribed by the College Board for a calculus-based physics course. This is the equivalent of the physics course taken by freshmen engineering and science students in college. The emphasis is on creating and using calculus-based mathematical models to represent, analyze and solve problems involving the structure and relationships in physical systems and interactions. Units of study include Newtonian Kinematics and Mechanics, Rotational Mechanics, Oscillating Systems, Gravity and Orbits, Electrostatics, Electric Circuits, Magnetism, Electromagnetism, and Induction. This course provides the opportunity for students to take the AP Physics C exam in May and, depending on their college and choice of majors, may qualify them for college credit or a higher placement in science.</p>

Science and Engineering

COURSE TITLE	DESCRIPTION
<p>AP Research-Science</p> <p>AP Research Science A SC437021 AP Research Science B SC437022</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 12 Prerequisite: See page 99</p> <p>Biology</p> <p>Biology A SC215001 Biology B SC215002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 9 Prerequisite: None</p> <p>Honors Biology (H)</p> <p>Honors Biology A (H) SC220011 Honors Biology B (H) SC220012</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 9 Prerequisite: Concurrent enrollment in Geometry (or higher level math class)</p>	<p>Please see course description on page 99.</p> <p>This course is the foundational science course at Homestead which prepares students for all future science options, Topics of study will include the interdependence of organisms with an emphasis placed on form and function, homeostasis in living things, energy in living systems, ecology, DNA and heredity, and evolution. Laboratory investigations are an integral part of the course.</p> <p>This course is the foundational science course at Homestead which prepares students for all future science options, When compared to on-level Biology, the Honors version of the course will include more complexity and deeper investigation of concepts and topics. Some activities and assessments will be modeled after the AP Biology curriculum. Topics of study will include the interdependence of organisms with an emphasis placed on form and function, homeostasis in living things, energy in living systems, ecology, DNA and heredity, and evolution. Laboratory investigations are an integral part of the course. Candidates for Honors Biology should be strong independent learners that deal well with abstract thinking and demonstrate persistence in the pursuit of knowledge.</p>

Science and Engineering

COURSE TITLE	DESCRIPTION
<p>Chemistry</p> <p>Chemistry A SC225001 Chemistry B SC225002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade: 10-12 Prerequisite: Biology and a "B" or better in both trimesters of Algebra 1 OR completion of Geometry.</p>	<p>Chemistry studies the laws and theories used to describe and explain the properties of matter and the changes matter undergoes. Student experimentation, teacher demonstrations, computer simulations and other activities are used to develop core knowledge and skills. Problem solving, including calculations, is an important part of the course. Units covered in Chemistry A are: Measurement, States of Matter, Atomic Structure, Elements, Compounds, and The Periodic Table. Units covered in Chemistry B are: Reactions, Stoichiometry, Bonding, and Solutions.</p>
<p>Honors Chemistry</p> <p>Honors Chemistry A (H) SC230011 Honors Chemistry B (H) SC230012</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10-12 Prerequisite: Biology and the completion of, or concurrent enrollment in Algebra 2 or Honors Geometry</p>	
<p>Earth Science</p> <p>Earth Science A SC220001 Earth Science B SC220002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10-12 Prerequisite: Biology</p>	

Science and Engineering

COURSE TITLE	DESCRIPTION
Environmental Science- Wildlife Conservation	<p>Environmental Science - Wildlife Conservation is designed to develop an understanding of the global issues that impact wildlife and the environment. Students will research and analyze various environmental issues. Students should have a strong interest in the outdoors, a solid life science background, and an ability to collect and analyze data. The independent nature and extent of lab work require a high level of maturity and self-motivation</p>
<p>Envir Sci Wildlife Conserv SC240004</p> <hr/> <p>Course Detail: 1 Trimester <i>Offered trimesters 1 and 3 only</i></p> <p>Credit: 0.5</p> <p>Grade Level: 10-12</p> <p>Prerequisite: Biology</p>	
Environmental Science- Wisconsin Ecology	<p>Environmental Science - Wisconsin Ecology is designed to be an experiential based course that develops an understanding of ecological concepts using the outdoors. Emphasis is placed on seasonal changes in Wisconsin wildlife that relies on our unique water resources, biodiversity, soil and climate. The lab techniques used to collect and analyze data and significant time spent outdoors is critical to our studies. The independent nature and extent of outdoor lab experiences require maturity, self-motivation and a keen interest in environmental science.</p>
<p>Envir Sci WI Ecology SC235004</p> <hr/> <p>Course Detail: 1 Trimester <i>Offered trimesters 1 and 3 only</i></p> <p>Credit: 0.5</p> <p>Grade Level: 10-12</p> <p>Prerequisite: Biology</p>	

Science and Engineering

COURSE TITLE	DESCRIPTION
<p>Physics</p> <p>Physics A SC310001 Physics B SC310002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10-12 Prerequisite: Biology and Geometry</p>	<p>This course is designed to introduce students to physics through creating and using graphical models and mathematical models to represent, analyze, and communicate the structure and relationships in physical systems and physical interactions. This is an introductory course that will prepare students for future physics courses (AP Physics 2 and AP Physics C).</p>
<p>Project Lead the Way: Human Body Systems (H)</p> <p>PLTW Human Body Systems A (H) SC405031 PLTW Human Body Systems B (H) SC405032</p> <hr/> <p>Course Detail: 2 Trimesters <i>dual credit option</i> Credit: 1.0 Grade Level: 10-12 Prerequisite: Biology Students wishing to take this course as a sophomore must seek the recommendation of their Biology Teacher.</p>	<p>This course provides foundational knowledge and skills in anatomy and physiology, clinical medicine, and laboratory research, providing significant real-world application experience to students planning to pursue a career in the medical field. Through both individual and collaborative team activities, the HBS course engages students in how this content can be applied to real-world situations, and includes interviews, challenges, and testimonials from the biomedical professionals in a variety of settings - clinical, research, and public health. Students work with the same tools and equipment used in hospitals and labs as they engage in relevant hands-on work, and develop skills in technical documentation to represent and communicate experimental findings and solutions to problems. Candidates for HBS should be strong independent students that deal well with a fast-paced rigorous curriculum and demonstrate persistence in the pursuit of knowledge.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
<p>Workshop: AP Science</p> <p>AP Science Workshop SC501004</p> <hr/> <p>Course Detail: Offered trimester 3 only No Honors Credit Credit: 0.5 Grade Level: 10-12 Prerequisite: Any AP science course</p>	<p>This course is an opportunity to continue preparing for the AP science tests after completing an AP course in Biology, Chemistry, Environmental Science, Physics 1, Physics 2, or Physics C. Because new curriculum will not be presented, it is NOT offered for AP credit and it does NOT have a weighted grade. Students from any of the AP science courses will work to continue practicing and preparing for the AP science exams. Practice is focused on developing the Science Practices identified by the College Board using practice from AP Classroom and additional resources. When AP tests have concluded, students will coordinate and conduct team-based projects, culminating in the creation of a final product to be shared with the class.</p>

Social Studies

COURSE TITLE		DESCRIPTION
AP Economics - Macro		
AP Econ-Macro A	SS500024	
Course Detail:	1 Trimester <i>Offered trimester 2</i>	<p>The purpose of an AP course in macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price-level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. Students are expected to take the AP test to potentially earn college credit.</p>
Credit:	1.0	
Grade Level:	11-12	
Prerequisite:	AP Microeconomics	
AP Economics - Micro		
AP Econ-Micro	SS305024	
Course Detail:	1 Trimester Offered trimester 2 only	<p>The purpose of an AP course in microeconomics is to give students a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the economic system. It places primary emphasis on the nature and functions of product markets and includes a study of factor markets and the role of government in promoting greater efficiency and equity in the economy. Students are expected to take the AP test to potentially earn college credit.</p>
Credit:	0.5	
Grade Level:	10-12	
Prerequisite:	Grade of "A" in both trimesters of regular level World Studies or grade of "B" or better in AP Human Geography. It is recommended that students have completed Geometry with a grade "B" or better.	

Social Studies

COURSE TITLE	DESCRIPTION
<p>AP Human Geography</p> <p>AP Human Geography A SS306021 AP Human Geography B SS306022</p> <hr/> <p>Course Detail: 2 Trimesters <i>Offered trimesters 1 and 2 only</i></p> <p>Credit: 1.0 Grade Level: 9-12 Prerequisite: None</p>	<p>The purpose of AP Human Geography is to offer an experience that introduces students to the AP Social Studies courses. While learning about the relationships between people and their physical surroundings, students will be guided through strategies and procedures designed to help them be successful in their first AP-level class. Topics of study include population demographics, cultural geography, agriculture and diet, globalization and urbanization. Students are expected to take the AP test to potentially earn college credit. This course is the honors level option that satisfies the entry-level social studies requirement for graduation.</p>
<p>AP Psychology</p> <p>AP Psychology A SS505021 AP Psychology B SS505022</p> <hr/> <p>Course Detail: 2 Trimesters <i>Offered trimesters 1 and 2 only</i></p> <p>Credit: 1.0 Grade: 10-12 Prerequisite: None</p>	<p>The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students investigate the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. Students are encouraged to take the AP test to potentially earn college credit.</p>
<p>AP Research</p> <p>AP Research SS A SS437021 AP Research SS B SS437022</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 12 Prerequisite: See page 99</p>	<p>Please see course description on page 99.</p>

Social Studies

COURSE TITLE		DESCRIPTION
AP U.S. Government and Politics		<p>This course is designed to teach students about the history and major institutions of American government. America's political heritage, the Constitution, political ideology, linkage institutions (political parties, interest groups, the media and voting), the three branches of the government and public policy are some of the many topics that will be addressed. AP American Government satisfies one requirement for the three credits of the required social studies sequence. Students are expected to take the AP test to potentially earn college credit.</p>
AP US Gov't/Politics SS300024		
Course Detail:	1 Trimester Offered trimester 2 only	
Credit:	0.5	
Grade Level:	11-12	
Prerequisite:	Completion of U.S. History	
AP U.S. History		<p>AP U.S. History studies the development of the United States from the exploration of the Americas to contemporary times. Emphasis is placed on the founding of the nation, westward expansion, the Civil War and Reconstruction, industrialization, the World Wars, Great Depression and the Cold War Era. Students will learn how broad historical themes (e.g. culture and society, migration and settlement, politics and power, etc.) and thinking skills (e.g. causation, argumentation, continuity and change over time, etc.) relate to the nation's development. Students are encouraged to take the AP test to potentially earn college credit.</p>
AP US History A SS200021		
AP US History B SS200022		
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	10-12	
Prerequisite:	World Studies or AP Human Geography	
American Government		<p>This course is designed to give students a working knowledge of American government and politics at the local, state and national levels. The foundation of this course is framed with the principles of the United States Constitution and the institutions of government. From this foundation, the political process is examined through the various linkage institutions that connect citizens to their government. Public policy, the outcome of government and linkage institutions, is examined throughout the course.</p>
American Government SS310004		
Course Detail:	1 Trimester	
Credit:	0.5	
Grade Level:	11-12	
Prerequisite:	Completion of U.S. History	

Social Studies

COURSE TITLE		DESCRIPTION
American Legal System		<p>This course is intended to educate student-citizens about the Legal System in the United States. Freedoms, rights, responsibilities, and the law in everyday situations are the focus of this class. State of Wisconsin procedures regarding criminals, juveniles, and individual rights are also highlighted. Guest speakers, a courthouse field trip, and a mock trial are often included.</p>
Amer Legal System SS515004		
Course Detail:	1 Trimester	
Credit:	0.5	
Grade Level:	12	
Prerequisite:	None	
Contemporary Issues		<p>This course is unique in that there is no set curriculum. The topics are constantly changing and evolving along with recent world events. Some topics that will be discussed are values of American society, the media, conflict and diplomacy, environmental sustainability, public health and safety, human rights, education reform, and globalization. Because of the varying content of this course and changing nature of issues, students may take this class twice with the permission of the instructor; however, students may not take the class twice in the same academic year.</p>
Contemporary Issues SS515004		
Course Detail:	1 Trimester	
Credit:	0.5	
Grade Level:	10-12	
Prerequisite:	None	
Economics		<p>This course examines basic micro economic principles and concepts such as scarcity, supply and demand, and prices. Macro economic topics include GDP, the Federal Reserve system, monetary policy, and the role of the government in the economy are explored. Issues relevant to the American system of capitalism are also taught.</p>
Economics SS315004		
Course Detail:	1 Trimester	
Credit:	0.5	
Grade:	11-12	
Prerequisite:	None	

Social Studies

COURSE TITLE	DESCRIPTION
Psychology Psychology SS525004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 10-12 Prerequisite: None	Students in this elective will investigate human behavior. Units delve into self-assessment of personality, the biological basis of behavior, mental illness and mental wellness, personality theories, research and experimentation. Students will demonstrate their knowledge by completing performance assessments for each unit.
Sociology: American Culture Sociology/American Culture SS520004 <hr/> Course Detail: 1 Trimester Credit: 0.5 Grade Level: 9-12 Prerequisite: None	
United States History U.S. History A SS320001 U.S. History B SS320002 <hr/> Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10-11 Prerequisite: Completion of World Studies or AP Human Geography	
World Studies World Studies A SS100001 World Studies B SS100002 <hr/> Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 9-10 Prerequisite: None	The course is designed to introduce students to the sociological study of American society. Major themes in sociological thinking include the interplay between the individual, groups and society, how society is both stable and changing, how groups function, the features of American culture, how deviance and conformity is achieved, and the causes and consequences of social inequality with regard to status, wealth, race and gender in the United States. Course content will be presented in a variety of ways including class discussions, films and documentaries, simulations, group problem solving, small group work, and project-based learning. United States History is comprised of eight content units of study surveying American History. Four Units are addressed in the first half (U.S. History A) of the course: Foundations of American History, Toward Civil War and Reconstruction, the Peril and Promise of Industrialization, and 1920s - Becoming Modern. Four units are addressed in the second half (U.S. History B): The Two Great Crisis, Great Depression/World War II, Domestic Policy post - WWII, Foreign Policy post-WWII, and an Independent Inquiry project. In the second half of the course a major independent research project will be conducted. Course content will be presented in a variety of ways including class discussions, video excerpts and documentaries, small group work, and critical reading and writing. The objectives of this course are to develop an awareness and understanding of the present conditions in major areas of the world. To do this, students will examine the social, political, economic and religious roots of a number of important countries with different cultural backgrounds and development from 1600 to present.

World Language

The mission of the Mequon-Thiensville School District World Language Program is to equip all students with transferable skills that encourage them to recognize, respect and respond to cultural perspectives while inspiring a passion to investigate the world as informed global citizens.

Vision

The vision of the Mequon-Thiensville School District World Language Program is that all graduates are exposed to the linguistic and cultural diversity of our world throughout their K-12 experience. This comprehensive education allows students to master essential knowledge and skills that make them post-secondary ready in the area of second language study by the conclusion of high school. Programming is diverse and clearly aligned across schools and levels, providing a balance of depth and breadth in study. Twenty-first Century technology supports and enhances the study of world language and is used to maintain or improve program quality.

Although a modern or classical language is not required for high school graduation, many colleges require a modern or classical language either for entrance or for graduation. Thus, investigate thoroughly the requirements of the colleges of your choice.

COURSE TITLE		DESCRIPTION
AP French Language & Culture		This fifth year course is for students who have successfully completed French 4 with a B (or teacher recommendation). This curriculum works to extend and refine advanced grammar structures in all areas of communication. A strong command of vocabulary from a wide variety of sources is developed while integrating central themes, essential questions and critical thinking. The class is conducted entirely in French to improve fluency and confidence in speaking and listening comprehension. Included are articles, novels, short stories and plays from the French-speaking world; feature films from the French cinema; history, politics and current events; advanced listening practice and grammar review; and oral and written projects which emphasize the communicative use of French. The course is also meant to prepare students for the Advanced Placement exam.
AP French A	WL508021	
AP French B	WL508022	
Course Detail:	2 Trimesters Only offered trimester 1 and 2	
Credit:	1.0	
Grade Level:	11-12	
Prerequisite:	French 4 or consent of instructor	

World Languages

COURSE TITLE	DESCRIPTION
<p>AP Research</p> <p>AP Research World Language WL437021 AP Research World Language WL437022</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 12 Prerequisite: See page 99</p>	<p>Please see course description on page 99.</p>
<p>AP Spanish Language and Culture</p> <p>AP Spanish Lang/Culture A WL539021 AP Spanish Lang/Culture B WL539022</p> <hr/> <p>Course Detail: 2 Trimesters <i>Only offered trimesters 1 and 2</i> Credit: 1.0 Grade Level: 11-12 Prerequisite: Spanish 4 or consent of instructor</p>	<p>The class is intended for students who wish to develop competency by integrating their language skills including: the ability to comprehend formal and informal spoken Spanish in a variety of situations, a strong command of vocabulary, a grasp of structure to allow accurate reading of authentic newspaper and magazine articles as well as literature in Spanish and the ability to express themselves coherently, resourcefully and with reasonable fluency and accuracy in both written and spoken Spanish. The class is conducted in Spanish and students are required to speak Spanish.</p> <p>The curriculum reflects various areas of interest shared by the students and the instructor in addition to required topics from the College Board (the arts, culture, science and technology, global challenges, personal and public identities, beauty and aesthetics, families and communities, history, contemporary life and current events) and it includes short stories, authentic newspaper and magazine articles, literature from the Spanish-speaking world, feature films from Spanish and Latin American cinema, advanced listening practice with authentic audio selections such as newscasts, podcasts, etc., grammar review, and oral and written projects which emphasize the communicative use of Spanish. In addition to formal argumentative essays requiring synthesis, students will write articles or audio reviews based upon authentic sources to build more confidence in their writing skills.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>

World Languages

COURSE TITLE	DESCRIPTION
<p>French 1</p> <p>French 1 A WL500001 French 1 B WL500002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 9-12 Prerequisite: None</p>	<p>This course will focus on all four aspects of communication: listening, speaking, reading, and writing. Students will do vocabulary and grammar exercises, use Internet, audio and video materials and explore culture. Emphasis is placed on pronunciation, basic grammatical structures and reading for vocabulary building and cultural interest. As in all language courses, success is dependent on the student's commitment to daily review and independent study.</p>
<p>French 2</p> <p>French 2 A WL502001 French 2 B WL502002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade: 9-12 Prerequisite: French 1 or consent of instructor</p>	
<p>French 3</p> <p>French 3 A WL504001 French 3 B WL504002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10-12 Prerequisite: French 2 or consent of instructor</p>	
<p>French 4 (H)</p> <p>French 4 A (H) WL506011 French 4 B (H) WL506012</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 11-12 Prerequisite: French 3 or consent of instructor</p>	

World Languages

COURSE TITLE		DESCRIPTION
Latin 1		<p>Students learn to read Latin narratives with comprehension. The story line begins in the city of Pompeii and ends the year in the country of Britain. Cultural topics are discussed each stage on different facets of Roman life. Students increase their vocabulary through daily focus on Latin roots and discussion of English derivatives from Latin vocabulary words. Creative use of plays, songs and projects add to the variety of learning in the classroom. Roman history and mythology are discussed weekly from the beginning of the monarchy to the end of the Empire, while the stories of the gods are presented with creativity and accuracy.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
Latin 1 A	WL520001	
Latin 1 B	WL520002	
<hr/>		
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	9-12	
Prerequisite:	None	
Latin 2		
Latin 2 A	WL520001	
Latin 2 B	WL520002	
<hr/>		
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	9-12	
Prerequisite:	Latin 1 or consent of instructor	
Latin 3		
Latin 3 A	WL524001	
Latin 3 B	WL524002	
<hr/>		
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	10-12	
Prerequisite:	Latin 2 or consent of instructor	
</		

World Languages

COURSE TITLE		DESCRIPTION
Latin 4 (H)		<p>Latin 4 Honors exposes advanced Latin students to a compilation of prose and poetry; in translating these works, students have the opportunity to parse grammatical forms and to reflect on various writing styles. The course is designed to create a firm translation base for unadapted Latin that students will use as a bridge into the rigorous College in the Schools (dual credit program offered through the University of Minnesota) curriculum offered in Latin 5. Latin 4 includes a study of the following works: selections from <i>Love and Transformation: An Ovid Reader</i> to include "Baucis and Philemon," Pliny's Letters, a selection of Plautus' comedies; B.G. Balme's <i>Cupid and Psyche</i> (poetry); Cicero's Letters to Terentia and Tullia (prose); and Petronius' "The Millionaire's Dinner Party" (satire). This collection of classical works by outstanding writers will expose students to a wide range of authors' styles and grammatical idiosyncrasies, and offer them experience with rigorous unadapted passage variations that will equip them to succeed in the Latin 5 CIS course.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
Latin 4 A (H)	WL526011	
Latin 4 B (H)	WL526012	
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	11-12	
Prerequisite:	Latin 3 or consent of instructor	
Latin 5 (H)		
Latin 5 A (H)	WL528011	
Latin 5 B (H)	WL528012	
Course Detail:	2 Trimesters Dual credit option	
Credit:	1.0	
Grade Level:	11-12	
Prerequisite:	Latin 4 or consent of instructor	
		<p>This course is a concentration on selections from Books 1,2,4, and 6 of Vergil's Aeneid. In this epic poem, the Trojan, Aeneas leads his followers out of the sacred city of Troy in search of new land where Rome will be established. The goal of this course is to provide students with a comprehensive package of Roman poetry, which is similar to the Intermediate Latin poetry course in literature and assessment taught at the University of Minnesota. Homestead students have the option of taking this course for college credit through the University of Minnesota's College in the School program. Those who enroll and satisfactorily complete the course will receive four (4) college credits. This option is not mandatory, but highly encouraged.</p>

World Languages

COURSE TITLE		DESCRIPTION
Chinese 1		<p>This is the introductory language course in Chinese. This course is designed for the high school level students who have had no prior experience in Chinese language and are interested in learning the basics of the Chinese language as well as the culture. This course will develop students' basic communicative competence in the Chinese language. Throughout the course, students develop their listening, speaking, reading, and writing skills across the three communicative modes: interpretive, interpersonal, and presentational. The emphasis in this course will be on building students' Chinese vocabulary and sentence patterns. Students will be able to communicate verbally in the Chinese language within given situations. This course will prepare students for a smooth transition into Chinese II. Success will depend on each student's commitment to daily review and practice.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
Chinese 1 A	WL545001	
Chinese 1 B	WL545002	
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	9-12	
Prerequisite:	None	
Chinese 2		<p>This course is designed for the high school level students who have completed Chinese I. This course will continue to develop students' communicative competence in the Chinese language. Cultural topics focus on the history of the Chinese language, lifestyle, and current events. Throughout the course, students develop their listening, speaking, reading and writing skills across the three communicative modes: interpretive, interpersonal, and presentational. Students will be able to communicate in the Chinese language in the level-appropriate situations. This course will prepare students for a smooth transition into Chinese III. Success will depend on student's commitment to daily review and practice.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
Chinese 2 A	WL546001	
Chinese 2 B	WL545002	
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	9-12	
Prerequisite:	Chinese 1 or consent of instructor	
Chinese 3		<p>This course is designed for the high school level students who have completed Chinese II. In this course, students will continue to develop communicative competence in Chinese in all language skills: listening, speaking, reading, and writing. Students will learn vocabulary and grammar structures for everyday situations. Students will also gain an understanding of the Chinese culture. Cultural topics focus on the history of the Chinese language, lifestyle, and current events. Students will be able to communicate in the Chinese language in the level-appropriate situations. This course will prepare students for a smooth transition into Chinese IV. Success will depend on student's commitment to daily review and practice.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
Chinese 3 A	WL547001	
Chinese 3 B	WL547002	
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	9-12	
Prerequisite:	Chinese 2 or consent of instructor	

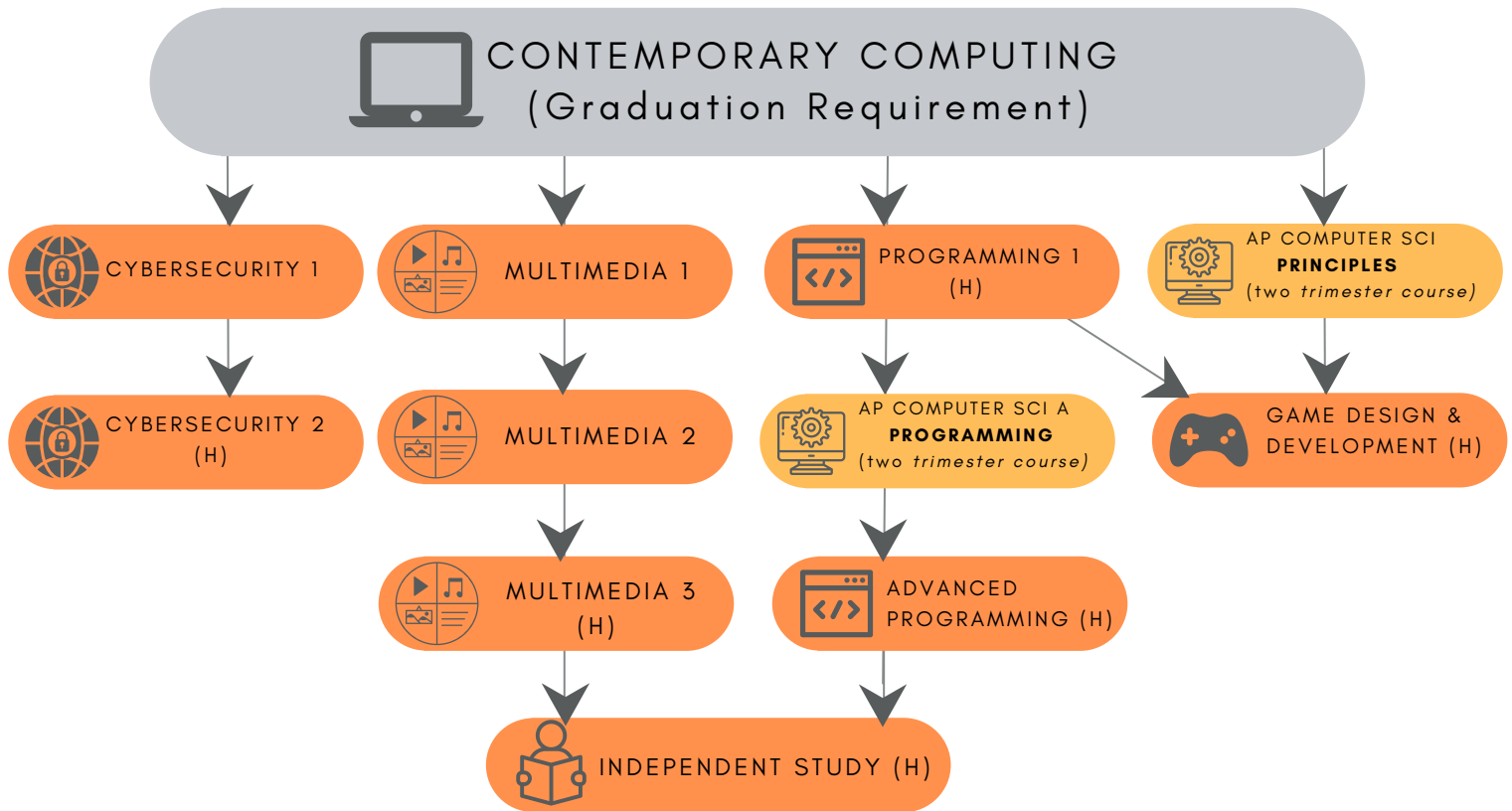
World Languages

COURSE TITLE	DESCRIPTION
<p>Chinese 4 (H)</p> <p>Chinese 4 A (H) WL547001 Chinese 4 B (H) WL547002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 10-12 Prerequisite: Chinese 3 or consent of instructor</p>	<p>This course is designed for the high school level students who have completed Chinese III. In this course, students will continue to develop communicative competence in Chinese in all language skills: listening, speaking, reading, and writing. Students will focus on language proficiency while dealing with level appropriate content. Students will engage in conversations, readings, writing and research projects. Students will also develop more effective strategies in order to communicate with others in Chinese with greater ease. Cultural topics focus on the history of the Chinese language, lifestyle, and current events. Students will deepen cultural insights in order to integrate them with their own. Success will depend on student's commitment to daily review and practice.</p> <p><i>There is a fee associated with this course that will be due at registration.</i></p>
<p>Spanish 1</p> <p>Spanish 1 A WL530001 Spanish 1 B WL530002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade Level: 9-12 Prerequisite: None</p>	<p>This course introduces students to the wonderful world of Spanish and emphasizes the four domains of language - listening, speaking, reading, and writing. Through stories, songs and interactive activities, students will acquire a basic level of vocabulary and grammar. Success is dependent on daily review and practice and results in students acquiring enough language to have conversations with native speakers.</p>
<p>Spanish 2</p> <p>Spanish 2 A WL532001 Spanish 2 B WL532002</p> <hr/> <p>Course Detail: 2 Trimesters Credit: 1.0 Grade: 9-12 Prerequisite: Spanish 1 or consent of instructor</p>	<p>This course is a continuation of the foundation built in Spanish 1. Students will increase their knowledge of vocabulary, grammar and cultural awareness throughout the year, specifically focusing on the use of past tense. Students will also enhance their cultural awareness through two different video series.</p>

World Languages

COURSE TITLE		DESCRIPTION
Spanish 3		
Spanish 3 A	WL534001	
Spanish 3 B	WL534002	
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	10-12	
Prerequisite:	Spanish 2 or consent of instructor	
		Spanish 3 emphasizes vocabulary development, grammatical structures, new verb tenses and the use of the present subjunctive. The class is conducted in Spanish, and students are required to participate orally in the activities. Curriculum consists of various short stories and legends from Spanish-speaking countries, weekly episodes of the Destinos video series, popular songs and two feature-length films. Oral and written work is based on this curriculum and is evaluated for content, grammar, pronunciation, and fluency.
Spanish 4 (H)		
Spanish 4 A (H)	WL536011	
Spanish 4 B (H)	WL536012	
Course Detail:	2 Trimesters	
Credit:	1.0	
Grade Level:	11-12	
Prerequisite:	Spanish 3 or consent of instructor	
		The goal of this course is to develop high-level proficiency in reading, writing, listening and speaking. Spanish 4 emphasizes vocabulary development, grammatical structures, reading, writing, listening comprehension and communication skills. The class is conducted in Spanish and students are required to speak Spanish and to participate orally in the activities. The curriculum includes various short stories, poetry, a Spanish-language play, authentic magazine and newspaper articles from Spanish-speaking countries, weekly episodes of the popular Spanish TV series emphasizing culture and historical events, <i>Cuéntame, ¿cómo pasó?</i> , popular songs, feature length movies, authentic listening selections, history, culture and projects. Oral and written work is based on this curriculum and is evaluated for both content and grammar. Students who successfully complete this course are well prepared for AP Spanish or college level Spanish.

COMPUTER SCIENCE COURSE SEQUENCE



- Students may enroll in a combination of CS courses from different tracks concurrently.
- All courses are one trimester, with the exception of the AP classes which are two trimesters.
- The arrows indicate required prerequisites.

Computer Science Contacts:

Kathy Connelly: 262-238-5813 - kconnelly@mtsd.k12.wi.us

Harry Palzewicz: 262-238-5907 - hpalzewicz@mtsd.k12.wi.us

Nick Marsh: 262-238-5922 - nmarsh@mtsd.k12.wi.us

ENGINEERING COURSE SEQUENCE



INTRODUCTION TO
ENGINEERING DESIGN (IED)

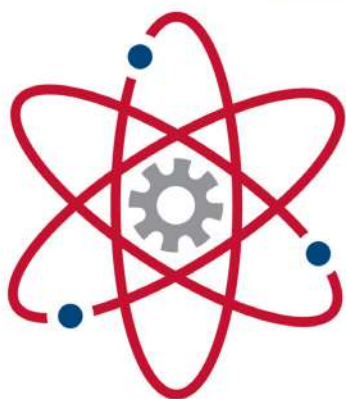
PRINCIPLES OF ENGINEERING (POE)

Students must complete at least one of these courses before enrolling in an advanced PLTW class.

CIVIL ENGINEERING &
ARCHITECTURE (CEA)

COMPUTER INTEGRATED
MANUFACTURING (CIM)

AEROSPACE
ENGINEERING (AE)



SENIOR CAPSTONE

**ENGINEERING DEVELOPMENT
& DESIGN (EDD)**

Prerequisite: Successful completion of at least two other PLTW course

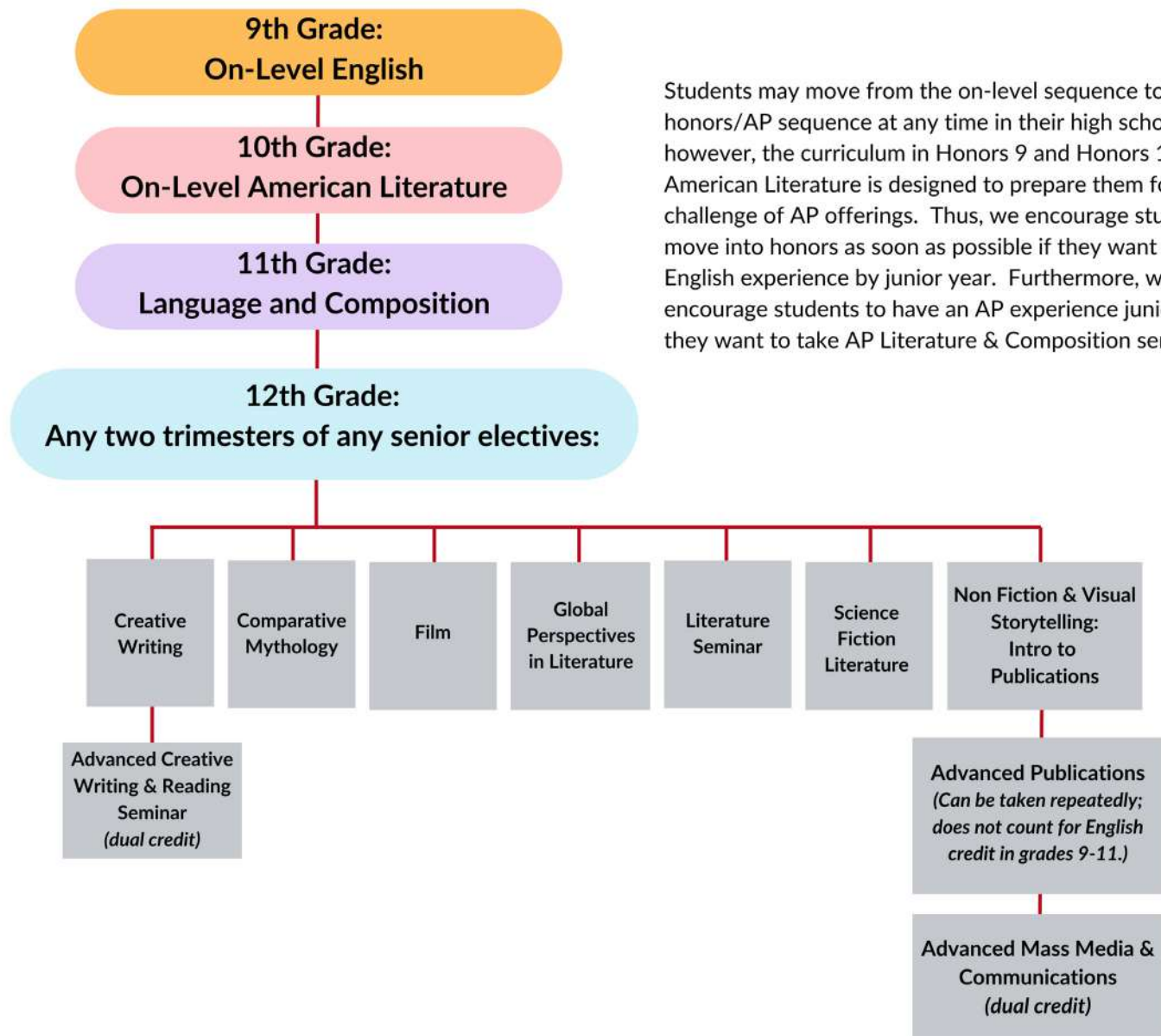
Honors Course: All PLTW courses are designed as Honors courses at Homestead and receive a weighted grade. This designation is based on the challenge of the course both during and outside course meeting times along with students' options for obtaining college credit. These classes are designed for students who are interested in exploring STEM careers after high school.

Collegiate Credit: Given the nature of these courses, some colleges choose to award collegiate credit to students based on their grade in the class and their score on the final summative assignment, the End of Curriculum (EofC) exam. All colleges differ when electing to give collegiate credit for a course. If colleges do issue credit for a PLTW course, they may assign it as general elective credit (not substituting a specific course) or course credit (substituting for a specific course). Local colleges that accept PLTW credit include University of Iowa and University of Minnesota.

Questions: Contact Jeff Patterson - jpatterson@mtsd.k12.wi.us or 262-238-5837

ENGLISH - ON-LEVEL SEQUENCE

Students can move between the on-level sequence and honors/AP sequence based on the level of challenge they seek.



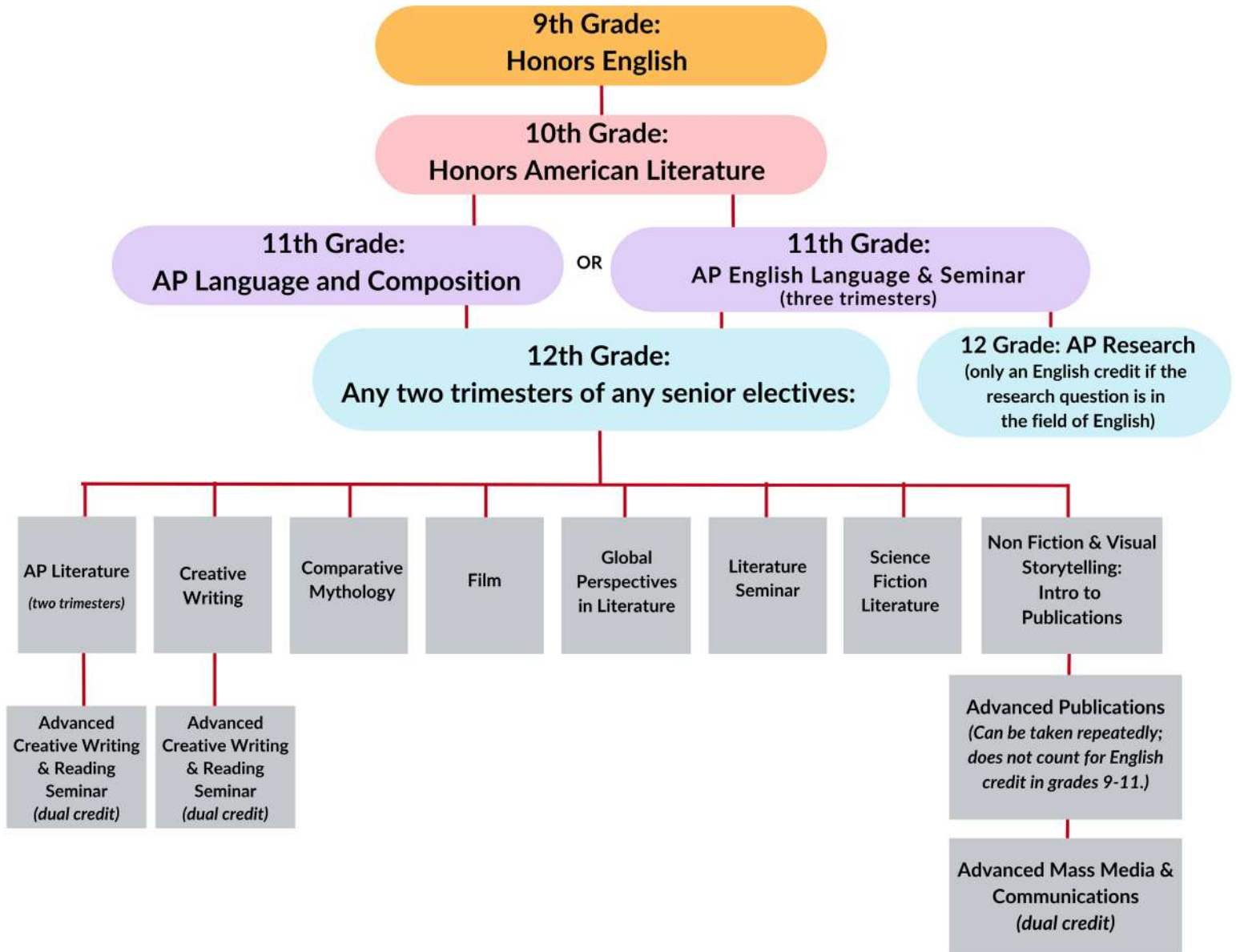
Students may move from the on-level sequence to the honors/AP sequence at any time in their high school career; however, the curriculum in Honors 9 and Honors 10 American Literature is designed to prepare them for the challenge of AP offerings. Thus, we encourage students to move into honors as soon as possible if they want an AP English experience by junior year. Furthermore, we strongly encourage students to have an AP experience junior year if they want to take AP Literature & Composition senior year.

Elective Options: Grades 9 - 12

- Students in grades 9-12 may take Nonfiction & Visual Storytelling does not count as an English credit until grade 12. (Note: This course is a prerequisite for Advanced Publications; however, the prerequisite requirement can be waived with an "A" or "B" grade in Honors English.)
- Students can take Advanced Publications repeatedly for non-English credit in grades 9-12. This course can only count for an English credit in 12th grade.
- Juniors in either AP class may take a senior elective course offering as an elective. Two trimesters of English are still required senior year, however.
- Seniors may elect to take three trimesters of English if interested in doing so.

ENGLISH - HONORS/AP SEQUENCE

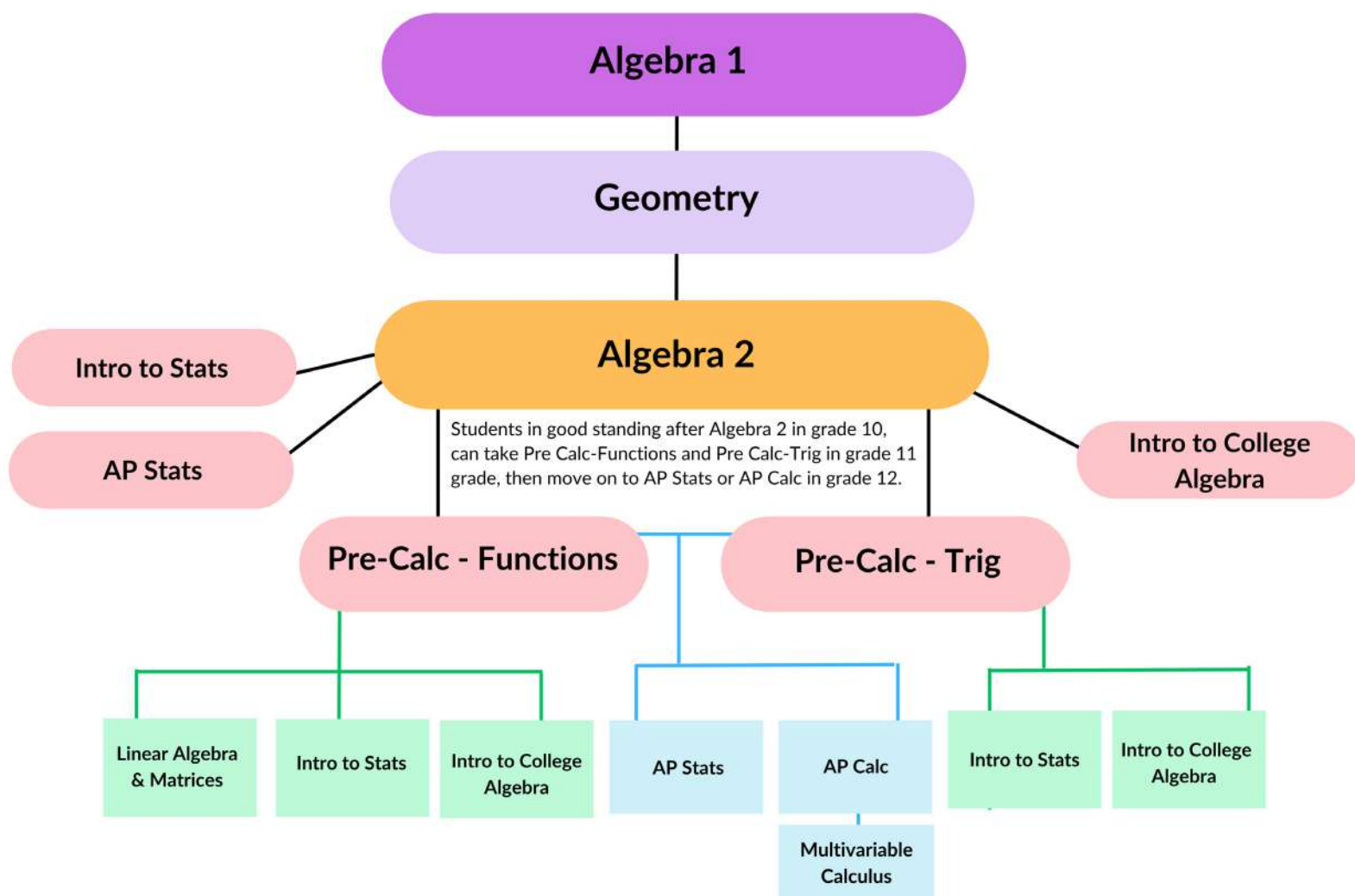
Students can move between the on-level sequence and honors/AP sequence based on the level of challenge they seek.



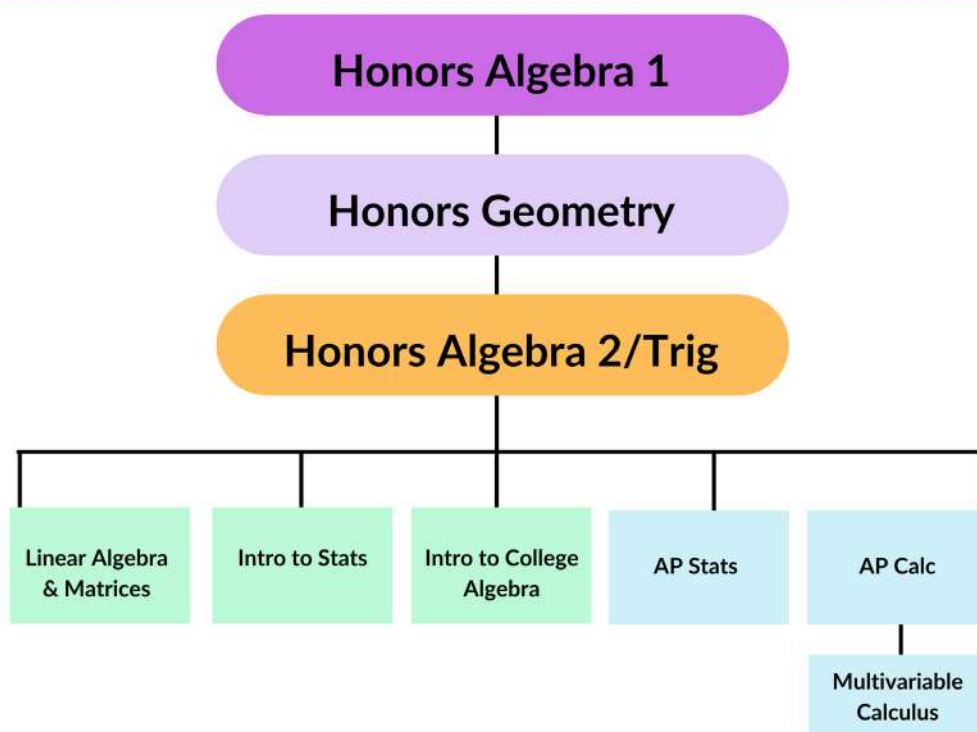
Elective Options: Grades 9 - 12

- Students in grades 9-12 may take Nonfiction & Visual Storytelling does not count as an English credit until grade 12. (Note: This course is a prerequisite for Advanced Publications; however, the prerequisite requirement can be waived with an "A" or "B" grade in Honors English.)
- Students can take Advanced Publications repeatedly for non-English credit in grades 9-12. This course can only count for an English credit in 12th grade.
- Juniors in either AP class may take a senior elective course offering as an elective. Two trimesters of English are still required senior year, however.
- Seniors may elect to take three trimesters of English if interested in doing so.

MATH - ON-LEVEL SEQUENCE

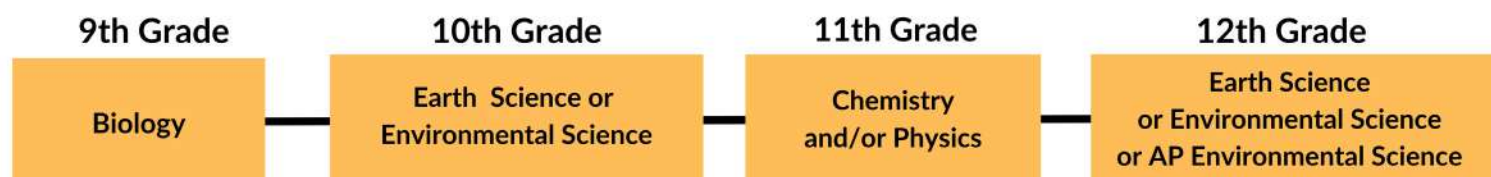


MATH - HONORS SEQUENCE

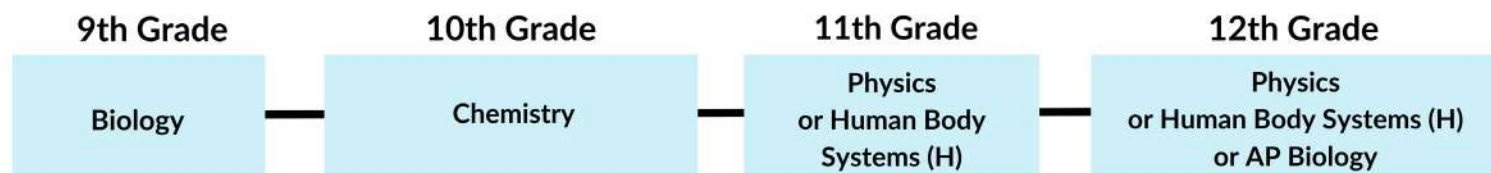


SCIENCE - COURSE SEQUENCE

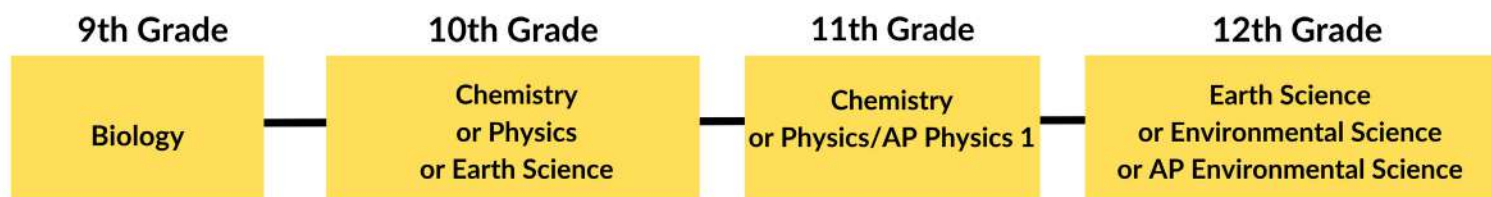
Career Ready - (Non-Medical Focus)



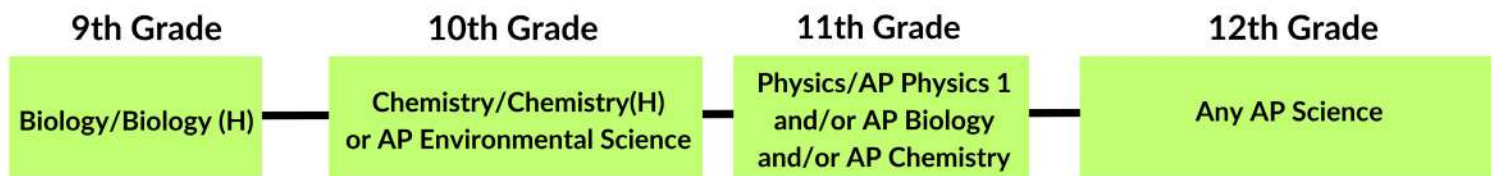
Career Ready - (Medical Focus)



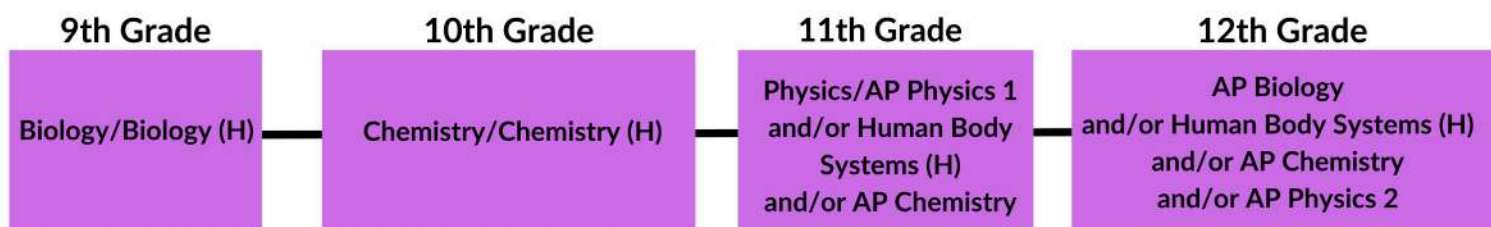
College Ready - (Non-Science Focus)



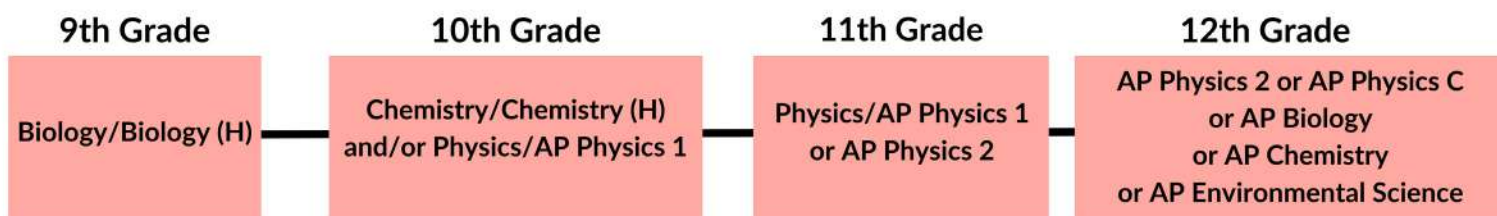
College Ready - (Science Focus)



College Ready - (Medical Focus)

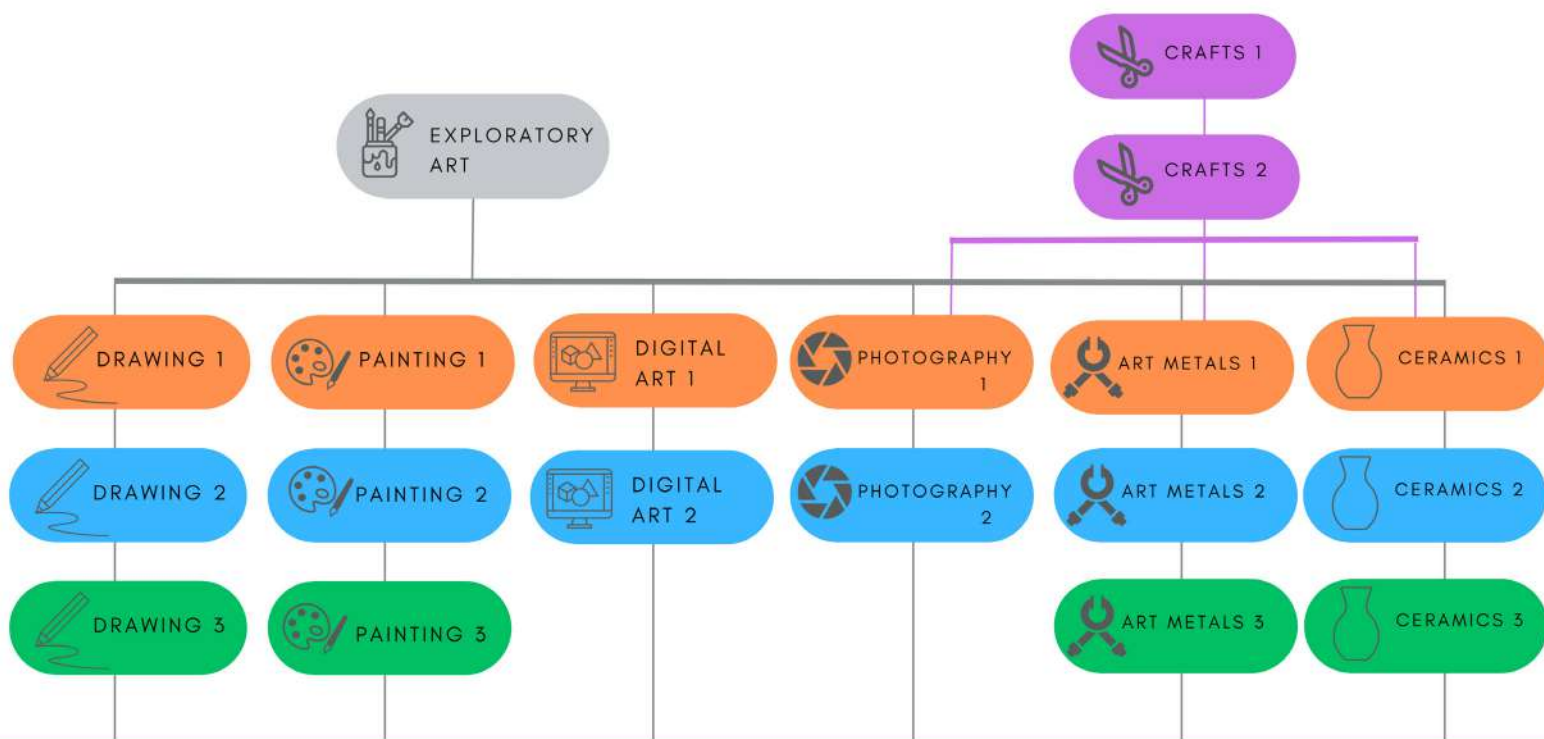


Career Ready - (Engineering Focus*)



*also see Engineering Course Sequence on page 81

VISUAL ARTS COURSE SEQUENCE



AP ART & DESIGN (Junior and/or Senior Year)



DRAWING PORTFOLIO

Disciplines may include:
Drawing, Painting, Digital Art



2D DESIGN PORTFOLIO

Disciplines may include:
Drawing, Painting, Digital Art,
Photography



3D DESIGN PORTFOLIO

Disciplines may include:
Ceramics, Art Metals, Crafts

Dual Enrollment/Credit Courses

Dual Enrollment/Credit courses permit eligible students to take a specific class or classes during their high school years and simultaneously earn credit at both the high school and college level. These courses can play a strong role in helping students graduate from high school, transition into college successfully, and reduce the amount of time and costs needed to complete their college degree requirements. College credits earned through a Dual Enrollment program are actual college credits earned through the partnering college. The grade(s) earned as dual credits are on an official transcript from the partnering college and can be transferred to other colleges and universities. **For example**, credits earned through UW-Whitewater could transfer to UW-Milwaukee or The Ohio State.

The dual enrollment/credit courses offered in high school are college level courses. A college course requires more time and personal responsibility than the typical high school class. Students should pay careful attention to their overall course load. Students need to plan their schedules to avoid excessive conflict with course requirements. Homestead counselors are available for scheduling questions and assistance.

Students taking a course for dual credit receive credits from the university at a reduced cost. Course fees can change on an annual basis and have not yet been finalized for the coming academic year.

Listed below are Homestead courses that are available for dual enrollment credits. During the 2024 - 2025 school year, students who enroll in a dual credit course will be given a deadline by which they must declare whether or not they are taking the course for university credit.

College:

Requirements to Earn Credits: Students must successfully complete a PLTW course, as demonstrated by a complete course portfolio, a grade of B or higher in the classroom course work and a stanine score of 7 or higher on the National end-of-course exam.

Homestead Courses:

- Project Lead the Way: [Aerospace Engineering AE \(H\)](#)
- Project Lead the Way: [Civil Engineering and Architecture CEA \(H\)](#)
- Project Lead the Way: [Computer Integrated Manufacturing CIM \(H\)](#)
- Project Lead the Way: Engineering Design & Development (H)
- Project Lead the Way: [Human Body Systems HBS \(H\)](#)
- Project Lead the Way: [Introduction to Engineering Design IED \(H\)](#)
- Project Lead the Way: [Principles of Engineering POE \(H\)](#)

Dual Enrollment/Credit Courses

College: University of Minnesota - Twin Cities (College in the Schools - CIS)

Requirements to Earn Credits: Students must be high school juniors or seniors to participate in College in the Schools and have met the Latin level prerequisite. Students must pass the exam to earn the college credits. There is a fee required.

Homestead Courses:

- [Latin V](#)

College: University of Wisconsin - Oshkosh (Cooperative Academic Partnership Program - CAPP)

Requirements to Earn Credits: Students must be high school juniors or seniors to participate in CAPP. A student must meet at least one of the following requirements: class rank in the top 25%, a GPA of at least 3.25 on a 4.0 scale, or an ACT of 24 and class rank in the top 50 percent of the class. There is a fee.

Homestead Courses:

- [College Personal Finance](#) (H)
- [Advanced Mass Media and Communications](#) (H)

College: University of Wisconsin - Whitewater (Partners in Education - PIE)

Requirements to Earn Credits: Juniors or seniors who meet at least one of the following requirements can enroll in the PIE program at UW Whitewater: class rank in top 25%, a GPA of at least 3.25 on a 4.0 scale or an ACT score of 24 and a class ranking in the top 50 percent. There is a fee. Students who qualify for PIE complete an online application form, and once they are accepted can enroll as UW - Whitewater students for the PIE courses offered at HHS.

Homestead Courses:

- [Advanced Creative Writing and Reading Seminar](#) (H)



Ozaukee County Youth Apprenticeships

Background:

Integrate school based and work based learning to provide students in their junior and senior years with academic and occupational skills leading to both a high school diploma and a Certificate of Occupational Proficiency in a specific industry. The one-year and two-year apprenticeships prepare students who plan to enter the workforce directly from high school; who want to enter a registered apprenticeship, or who plan to enroll in a technical college or a university in an occupationally related degree program.

Each student works in partnership with an employer identified mentor, specialized classroom instructor and high school apprenticeship coordinator to receive the best skills and knowledge possible. The apprenticeship requires that students work a minimum of 450 hours in the one-year program and 900 hours within the two-year program. Students are encouraged to work full time during the summer before senior year; if work is available. Upon successful completion of the apprenticeship, students are awarded a Certificate of Occupational Proficiency from the Wisconsin Department of Workforce Development. Graduates may be eligible to receive advanced standing or transcribed credit at a local technical college or credit toward the admission requirements for the University of Wisconsin system (in selected programs).

Apprenticeships are available in these career clusters:

Agriculture, Food & Natural Resources
Architecture & Construction
Art, A/V Technology & Communications
Finance
Health Science
Hospitality & Tourism
Information Technology
Manufacturing
Science, Technology, Engineering & Mathematics (STEM)
Transportation, Distribution & Logistics

Questions?

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Advancement Via Individual Determination

AVID

The Advancement Via Individual Determination (AVID) college readiness system provides students in the academic middle with the tools, strategies, support and encouragement necessary to succeed in challenging courses while in high school, helping to ensure a successful transition into college. AVID students must be motivated to learn and succeed. They aspire to do well in college and want preparation while at Homestead that can make this dream a reality.

Students enroll in AVID following a comprehensive application and screening process that includes an analysis of past academic performance (standardized assessments and course grades) to determine eligibility. Students invited to apply will submit a written student application, and engage in an interview.

Students typically enter the AVID program in the ninth grade.

Families interested in AVID should contact their counselor.

AVID 9

AVID 9 is a three-trimester course that establishes students' foundation in the college prep strategies that represent the backbone of AVID. Students work to master the Cornell note-taking method, organize their AVID binders successfully, understand and use Costa's Levels of Thinking and Questioning, and become effective collaborators in peer tutorials. Beyond learning the basic study and learning strategies of AVID, students in AVID 9 begin general college inquiry and awareness activities, including participating in one college field trip. Students in AVID 9 also engage in personal writing to begin anticipating the college application and scholarship essays that they will write later in their high school careers. Additionally, students frequently engage in projects that hone their research, public speaking, and self-reflection skills. The third trimester of the course includes many opportunities for students to explore possible career paths, culminating in a final research project.



Advancement Via Individual Determination

AVID

AVID 10

AVID 10 is a two-trimester course that meets in the first and second trimesters. An optional third trimester course is also available. Students in AVID 10 have a strong understanding of foundational AVID strategies like Cornell note-taking, Costa's Levels of Thinking and Questioning, and peer tutorials. Still, some time is spent refining these approaches, elevating the level of rigor associated with them. Students in AVID 10 delve more deeply into college exploration, taking two college field trips. Students' college research becomes more personalized based on individual needs and interests, and projects include research regarding the college admissions process as well as financing post-secondary plans. Students in AVID 10 spend more time participating in structured Socratic seminars, replicating the discussion activities that occur in advanced high school courses and college classes. They also begin more regular, structured ACT practice.

AVID 11

AVID 11 is a two-trimester course that meets in the first and second trimesters. An optional third trimester course is also available. Students in AVID 11 are expected to know and use foundational AVID strategies. Tutorials remain a key component of the course; because AVID students are typically in highly challenging courses during their junior year, the support that they receive during tutorials is more important than ever. Because students have the basics of AVID mastered, more time in AVID 11 is spent on direct pre-college planning and preparation activities. In AVID 11, students develop personal data-driven goals for ACT performance using the methodize program, and work individually in student groups to practice and prepare for that assessment. To assist students in understanding the college visit process, recognizing the differences between post-secondary institutions, and refining their leadership and collaboration skills, the AVID 11 class works as a group to fundraise and take a full day college field trip to explore two different college options. AVID 11 emphasizes personal writing like that which will be done during the college application and scholarship process.

AVID 12

AVID 12 is a two-trimester course that meets in first and third trimesters. An optional third trimester course is also available. AVID 12 is the capstone of a student's high school AVID career. While the tutorial element of AVID remains as in past years, its structure changes significantly, transitioning to a study group model like that which students must be able to organize independently when in college. College research is replaced with work related to the admissions/application process. Students engage in the writing process necessary to complete admissions and scholarship applications successfully. Overall, the course largely operates in a seminar format, allowing students to refine their critical thinking skills as they anticipate their first year of college. All students must present a portfolio reflective of their growth and accomplishments while in high school as well as their post-secondary plans and aspirations.

Graduation Requirements

Required: 24.00 Credits

English	4.00	
Social Studies	3.00	
Math	3.00	
Science	3.00	
Phy. Ed.	1.50	
Health50	
Computer Science50	
Fine Arts	1.00	
Electives	7.50*	
<i>* Beginning with Class of 2028:</i>		
<i>Personal Finance</i>	0.50	
<i>Electives</i>	7.00	
English 9	1.00	_____
American Literature (Grade 10)	1.00	_____
Language and Composition (Grade 11).....	1.00	_____
English 12 (Electives).....	1.00	_____
World Studies (Grade 9 or 10)	1.00	_____
U.S. History (Grade 10 or 11).....	1.00	_____
Government (Grade 11 or 12).....	0.50	_____
Economics (Grade 11 or 12).....	0.50	_____
Biology	1.00	_____
Chemistry or Physics (beginning with Class of 2028)	1.00	_____
Science	1.00	_____
Math	1.00	_____
Math	1.00	_____
Math	1.00	_____
Contemporary Computing	0.50	_____
Health	0.50	_____
Physical Education 9	0.50	_____
Physical Education 10	0.50	_____
Physical Education 11 or 12	0.50	_____
Fine Arts (art, music or drama)	1.00	_____
Personal Finance (beginning with Class of 2028).....	0.50	_____
State Civics Exam		_____

Refer to [MTSD Board Policy #5460](#)

Graduation Requirements

The Superintendent or his/her designee shall determine whether a student has satisfied the criteria in this policy and any other District policy applicable to high school graduation. The Superintendent or his/her designee shall also inform students and their parents/guardians of the requirements of this policy and of the high school student's progress toward meeting these requirements.

To qualify for high school graduation a student enrolled in Homestead High School will be required to meet criteria 1 and 2.

Criterion 1: Board Approved Activities

Homestead High School is organized to have a 5 period day for each of three terms or trimesters. In each trimester, all students must enroll in at least four (4) classes in addition to one (1) study hall and lunch. A student may enroll in five (5) classes with a lunch period and no study hall. Some students participate in board-approved alternative programs such as cooperative vocational education programs, work-study programs, consortium programs, and college, university and/or vocational school courses. The school determines these options after discussion with the student and his/her parent.

Criterion 2: Academic Performance/Credit Requirements to Graduate

BUSINESS 0.5

- [Personal Finance](#)
(beginning with Class of 2028 and beyond)

COMPUTER SCIENCE 0.5

- [Contemporary Computing](#)

ENGLISH 4.0

Grade 9

- [English 9](#)
Or [Honors English 9](#) (H)

Grade 10

- [American Literature](#)
Or [Honors American Literature](#) (H)

Grade 11

- [Language and Composition](#) Or [AP English Language and Composition](#)
Or [AP English Language and Seminar](#)

Grade 12

- [AP English Literature and Composition](#)
Or select from Senior .5 English course options to equal 1.0

FINE ARTS 1.0

- [Band, Orchestra, Choir, Art](#), and/or [Theatre](#)

MATH 3.0

- Beginning course determined by recommendation and placement testing

Graduation Requirements

PHYSICAL EDUCATION 1.5

Grade 9

- [Freshman Physical Education](#)

Grade 10-12

- Select from several 0.5 credit course options to equal 1.0

HEALTH 0.5

Grade 9

- [Health Education](#)

SCIENCE 3.0

- [Biology](#) or [Honors Biology](#)
- [Chemistry](#) or [Physics](#)
(Class of 2028 and beyond)

Grade 9 or 10

- [World Studies](#)
Or [AP Human Geography](#)

Grade 10-12

- [United States History](#)
Or [AP U.S. History](#)
- [American Government](#)
Or [AP US Government and Politics](#)
- [Economics](#)
Or [AP Economics Micro](#)
Or [AP Economics Macro](#)

SOCIAL STUDIES 3.0

ELECTIVES 7.5 *(Beginning with Class of 2028, elective requirements will be reduced to 7.0)*

Total credits required for graduation: 24 credits

If a student does not meet the requirements for criterion 2, then he or she must retake and pass the failed course(s) either during the school year, during summer school, through approved correspondence course(s), or by enrolling in the school-sponsored online credit recovery program.



Honor Roll and Graduation Honors

Honor Roll

Students are recognized at the “Honors” level if they earn a minimum unweighted grade point average of 3.00. Students earning an unweighted grade point average of 3.5 or higher qualify for “High Honors.” All courses will be included in computing an average for the Honor Roll. In addition, the grade a student receives in a number of elective courses may be excluded from the computation of the grade point. Specific information about this information is included in the Course Guide.

Graduation Honors

Students are recognized for outstanding academic achievement as part of the commencement ceremony in June. This is done in two ways:

1. **Distinguished Honor Students:** Recognition is given to the top ten students based on using both the weighted grade point scale and the unweighted grade point scale. Students from both groups will receive a plaque recognizing this achievement.
2. **Honor Cords:** Honor cords are awarded at two levels. Students who have earned a cumulative unweighted grade point average of a minimum of 3.0 receive a yellow honor cord; students who have earned a cumulative unweighted grade point average of 3.5 or higher receive a white honor cord. The cords are presented to students just prior to the processional.

Grading Options

Two grading options have been established for some of the courses offered to students. The grades that students earn in selected courses at the Honors and Advanced Placement level are weighted. Students will receive additional credit toward their grade point average (GPA) for successful completion of these courses. Both GPAs are included on the student transcript sent to colleges and universities. Students also have the option to take selected elective courses and request that the grade they receive in those classes be excluded from the computation of their GPA. This option can be used with a maximum of two trimesters of course work during a student’s four years at Homestead with a maximum of one course a trimester. Additional information related to these grading options can be obtained from the counseling staff or by referring to the [Parent-Student Handbook](#). In rare circumstances students may be issued a grade of “incomplete.” The student has six weeks to complete the work.

Grading Scales

Grade	Regular	Honors and AP (+1.00)	Grade %
A	4.00	5.00	93-99
A-	3.67	4.67	90-92
B+	3.33	4.33	87-89
B	3.00	4.00	83-86
B-	2.67	3.67	80-82
C+	2.33	3.33	77-79
C	2.00	3.00	73-76
C-	1.67	2.67	70-72
D+	1.33	2.33	67-69
D	1.00	2.00	63-66
D-	.67	1.67	60-62
F	0.00	0.00	Below 60
	Unweighted Scale	Weighted Scale	

Courses with Weighted Grades

The courses listed below receive weighted grading points.

Advanced Placement Courses

[AP Biology](#)
[AP Chemistry](#)
[AP Computer Science Programming](#)
[AP Computer Science Principles](#)
[AP Economics \(Macro\)](#)
[AP Economics \(Micro\)](#)
[AP Environmental Science](#)
[AP English Language & Composition](#)
[AP English Literature & Composition](#)
[AP English Language & Seminar](#)
[AP French](#)
[AP Human Geography](#)
[AP Calculus AB](#)
[AP Calculus BC](#)
[AP Music Theory](#)
[AP Physics 1](#)
[AP Physics 2](#)
[AP Physics C](#)
[AP Psychology](#)
[AP Research](#)
[AP Spanish Language & Culture](#)
[AP Statistics](#)
[AP Art & Design](#)
[AP U.S. Government & Politics](#)
[AP U.S. History](#)

Honors Courses

[Advanced Creative Writing & Reading Seminar\(H\)](#)
[Advance Mass Media & Communications \(H\)](#)
[Advanced Programming \(H\)](#)
[College Personal Finance - CAPP \(H\)](#)
[Cybersecurity 2 \(H\)](#)
[French 4 \(H\)](#)
[Game Design & Development \(H\)](#)
[Honors Algebra 1 \(H\)](#)
[Honors Algebra 2/Trigonometry \(H\)](#)
[Honors American Literature\(H\)](#)
[Honors Biology \(H\)](#)
[Honors Chemistry \(H\)](#)
[Honors English 9 \(H\)](#)
[Honors Geometry \(H\)](#)
[Independent Study \(H\)](#)
[Latin 4 \(H\)](#)
[Latin 5 \(H\)](#)
[Chinese 4 \(H\)](#)
[Multimedia 3 \(H\)](#)
[Multivariable Calculus \(H\)](#)
[Product Development Project \(H\)](#)
[Programming 1 \(H\)](#)
Project Lead the Way Courses:

- [Aerospace Engineering \(H\)](#)
- [Civil Engineering & Architecture\(H\)](#)
- [Computer Integrated Manufacturing\(H\)](#)
- [Engineering Design & Development \(H\)](#)
- [Human Body Systems \(H\)](#)
- [Introduction to Engineering Design \(H\)](#)
- [Principles of Engineering \(H\)](#)

[Spanish 4 \(H\)](#)

Maximizing the Honors/AP/Dual Enrollment/Credit Course Experience

Homestead offers a wide variety of honors, Advanced Placement (AP) and dual credit courses. As a school, we are committed to open access to advanced coursework (honors, AP, dual credit) in the name of preparing all students for college and career success. We encourage students to stretch themselves academically and pursue challenging courses that best meet their needs, interests, and post-secondary aspirations.

The content in these courses is enriched, meaning that material is covered in more depth and that more material will be covered in the course than in another course on the same subject. Students should expect to dedicate a significant amount of time outside of class meetings in order to succeed in these courses. Advanced Placement and dual credit courses cover college-level material. Students who complete an Advanced Placement course may take an AP test, the results of which may lead to college credit.

Participation in advanced coursework should not be taken lightly. As such, students are encouraged to collaborate with teachers, counselors, parents, etc., when making course requests annually. In highly sequential content areas like math and world language, prerequisite courses are identified to ensure adequate development of background knowledge and skills.

Students are encouraged to sign up for a balanced schedule. Part of balance includes not only managing the rigors of a strong academic program but also allowing appropriate time for a healthy co-curricular and personal life.

Counselors will work with students to balance rigorous courses within the trimester system and will make changes when possible. Students should initiate contact with counselors during summer registration if academic balance becomes a concern. While not all courses are offered every trimester, the goal for any student is to have no more than three honors/dual credit/AP courses each trimester.

Summary

- Homestead High School places NO LIMIT on the number of honors/AP courses a student can take. We encourage students to challenge themselves.
- Students interested in these courses should consider three to be the normal maximum number to be taken concurrently in order to optimize learning.
- For courses not bound to a particular trimester, a counselor can help a student to balance his/her schedule. Please note that AP courses are locked into particular trimesters to accommodate testing in May.
- Students should make sure to consider the following when choosing courses:
 - be sure they have met all of the prerequisites for the courses being considered
 - consult with their counselor
 - consult with current teacher(s)
 - consider their co-curricular life and
 - discuss the decision with their parents.

Advanced Placement Options and Pathways in Core Areas

SOCIAL STUDIES

9

[AP Human Geography](#) (two trimesters): the only honors-level option that satisfies the World Studies graduation requirement

- Note: Students may defer enrollment in social studies until sophomore year. In those instances, students remain eligible to enroll in the [AP Human Geography](#) course designed as students' first social studies course.
- Note: Enrollment in [AP Human Geography](#) is not required for enrollment in future AP social studies courses.
- Note: [AP Psychology](#) (two trimesters) is available as a social studies elective.

10

[AP Human Geography](#) (two trimesters): the only honors-level option that satisfies the World Studies graduation requirement

- Note: Students may defer enrollment in social studies until sophomore year. In those instances, students remain eligible to enroll in the [AP Human Geography](#) course designed as students' first social studies course.
- Note: Enrollment in [AP Human Geography](#) is not required for enrollment in future AP social studies courses.
- Note: [AP Psychology](#) (two trimesters) is available as a social studies elective.

11

[AP Economics-Micro](#) (one trimester), [AP Economics-Macro](#) (one trimester), [AP Psychology](#) (two trimesters), [AP US Government and Politics](#) (one trimester), [AP Human Geography](#) (two trimesters)

- Note: Students may elect to take [AP US History](#) (two trimesters) if they deferred enrollment as sophomores.
- Note: [AP Economics-Micro](#) is the honors-level option that satisfies the Economics graduation requirement.
- Note: [AP US Government and Politics](#) is the honors-level option that satisfies the Government graduation requirement.
- Note: Students who enrolled in [World Studies](#) as freshmen or sophomores can choose [AP Human Geography](#) as a social studies elective. This class will be comprised only of juniors and seniors.

12

[AP Economics-Micro](#) (one trimester), [AP Economics-Macro](#) (one trimester), [AP Psychology](#) (two trimesters), [AP US Government and Politics](#) (one trimester), [AP Human Geography](#) (two trimesters), [AP Research](#)

- Note: [AP Economics-Micro](#) is the honors-level option that satisfies the Economics graduation requirement.
- Note: [AP US Government and Politics](#) is the honors-level option that satisfies the Government graduation requirement.
- Note: Students who enrolled in [World Studies](#) as freshmen or sophomores can choose [AP Human Geography](#) as a social studies elective. This class will be comprised only of juniors and seniors.

Advanced Placement Options and Pathways in Core Areas

MATH

9

[Algebra I Honors](#), [Geometry Honors](#) or [Algebra II/Trig. Honors](#) (two trimesters each): placement based on course completed in grade 8

- Note: Enrollment in on-level [Geometry](#) can enable access to [AP Calculus AB](#) in senior year.

10

[Geometry Honors](#), [Algebra II/Trig. Honors](#) (two trimesters each): placement based on course completed in grade 9

- Note: Enrollment in on-level [Algebra 2/Trig.](#) can enable access to [AP Calculus AB](#) in senior year.

11

[Algebra II/Trig. Honors](#), [AP Statistics](#), or [AP Calculus BC](#) (two trimesters each) with [AP Calculus Workshop](#) for an optional third trimester: placement based on course completed in grade 10

- Note: Enrollment in on-level [Pre-calculus](#) can enable access to [AP Calculus AB](#) during senior year.

12

[AP Research](#), [AP Statistics](#), [AP Calculus AB](#), or [AP Calculus BC](#) (two trimesters each) with [AP Calculus Workshop](#) for an optional third trimester: placement based on course completed in grade 11

SCIENCE

9

[Biology Honors](#) (two trimesters): the only honors-level option in science for freshmen

- Honors-level coursework in grade 9 is not required for future enrollment in AP.

10

[Chemistry Honors](#), [PLTW: Human Body Systems](#), [AP Environmental Science](#), [AP Physics 1](#) (each two trimesters)

- Math placement will determine students' readiness for AP Physics 1.

11

[AP Environmental Science](#), [AP Biology](#), [AP Chemistry](#), [AP Physics I](#), [AP Physics 2](#), [AP Physics C](#), [PLTW Human Body Systems](#) (each two trimesters)

- Math placement will determine students' readiness for each level of AP Physics.

12

[AP Environmental Science](#), [AP Biology](#), [AP Chemistry](#), [AP Physics I](#), [AP Physics 2](#), [AP Physics C](#), [AP Research](#), [PLTW: Human Body Systems](#) (each two trimesters)

- Math placement will determine students' readiness for each level of AP Physics.

Advanced Placement Options and Pathways in Core Areas

WORLD LANGUAGE

9

[World Language 2](#) (two trimesters): must be enrolled as a freshman if interested in AP as a senior

10

[World Language 3](#) (two trimesters): must be enrolled as a sophomore if interested in AP as a senior

11

[World Language 4](#) Honors (two trimesters): must be enrolled as a junior if interested in AP as a senior

12

[AP Research](#), [AP World Language](#) (two trimesters) with [AP World Language Workshop](#) for an optional third trimester

ENGLISH

9

[English 9 Honors](#) (two trimesters): the only honors-level option for freshmen

- Note: Honors-level coursework in grade 9 is not required for future enrollment in AP.

10

[American Literature Honors](#) (two trimesters): the only honors-level option for sophomores

- Note: Honors-level coursework in grade 10 is not required for future enrollment in AP.

11

[AP English Language and Composition](#) (two trimesters) OR [AP English Language and Seminar](#) (three trimesters)

- Note: [AP English Language and Seminar](#) is the prerequisite for [AP Research](#)
- Note: Students who complete [AP English Language and Seminar](#) will be equipped to sit for two AP exams (AP English Language and Composition and AP Seminar in May)
- Students who complete [AP English Language and Seminar](#) must still complete 1.0 English courses as seniors.

12

[AP English Literature and Composition](#), [AP Research](#) (two trimesters)

AP CAPSTONE

9

10

11

[AP English Language and Seminar](#) (three trimesters)

12

[AP Research](#) (two trimesters)

- Note: This course does not satisfy the 1.0 English graduation requirement for seniors.

AP Research

AP Research, the second course in the AP Capstone experience, allows students to deeply explore an academic topic, problem, issue or idea of individual interest. Students design, plan and implement a two-trimester investigation to address a research question. Through this inquiry, they further the skills acquired in the [AP English Language and Seminar](#) course by learning research methodology, employing ethical research practices, and accessing, analyzing and synthesizing information. Students reflect on their skills development, document their processes, and curate the artifacts of their scholarly work through a process of reflection portfolio. The course culminates in an academic paper of 4,000-5,000 words (accompanied by a poster) and a presentation with an oral defense. The AP Research teacher scores the paper and presentation/oral defense, with those scores ultimately creating the student's AP exam score. This course does not have a traditional AP exam.

The subject of a student's research question will determine the curricular area to which course credit will be assigned. For example, a student whose research question focuses on global terrorism will be awarded Social Studies credit for successful completion of the course and will have the course listed as "AP Research–Social Studies" on their transcript.

Before being allowed to enroll in AP Research, students must submit information identifying their intended research topic, explaining their interest and background in the subject, and providing other relevant information. Students must also identify the coursework related to their research question that they have taken or will take concurrently with AP Research. The cross-disciplinary AP Capstone Team will review this information and make a determination regarding the student's eligibility for the course.

Course Detail: Two Trimesters

Credit: 1.0

Grade Level: 12

Prerequisites: [AP English Language and Seminar](#) and prior/concurrent enrollment in coursework related to the student's individual research question

Drop/Add Policy

A student requesting a schedule change at the beginning of each trimester must do so within the **first two days** of that trimester. The counseling staff is available to make corrections in a student's schedule in one of the following situations:

1. The student completed a course during summer school that s/he is scheduled for during the current school year.
2. The student failed the prerequisite for a course the student is scheduled to take.
3. The student's schedule is incorrect, i.e., a course was left out of the schedule.
4. If the student believes that there is an extenuating circumstance which requires a schedule change, s/he may request to meet with the school counselor.

Please note that a change to a lunch hour requires a physician's note documenting a medical/health reason.

Students enrolled in five classes may withdraw from one of those classes and add a study hall without penalty before the 30th school day of the trimester. After that time, withdrawal from the fifth class will result in an "F" grade in the course. If the student is going to withdraw from a class, parental permission is needed. A student is not permitted to withdraw from a class if by doing so, s/he falls below the minimum trimester class load requirement of four.

Changes from one course level to another (Honors to non-Honors, for example) must be made before the 15th school day of a trimester following consultation with the teacher, counselor, and parent. Changes can be made only on a space-available basis. Requests for level changes near the end of a trimester grading term cannot be granted. If necessary, a student may still make a level change at the trimester break of a course.

Level Change Policies by Department

Students who enroll in the Honors level of a course in English, Math, Science and/or Social Studies may elect to move to the on-level version within the first 15 days of a trimester. The decision to move from Honors to on-level should be made carefully and after consultation with the student's classroom teacher, counselor, and/or other school personnel whose input and insights may be pertinent to the situation.

If a student elects to move from an Honors section, the student's gradebook entries in the on-level class do not begin on the date of enrollment in that class. Instead, the student's grade in the on-level course will include scores transferred from the Honors class and/or grades for work assigned in the on-level course earlier in the trimester (work that the student is expected to make up after entering the on-level class).

Because of the differences in curriculum and assessment among content areas, each academic department has a specific policy regarding grading of students who transfer from the Honors to the on-level version of a course. Each department's policy is aligned to the requirements presented above.

English

When a student moves from an Honors to an on-level version of a course, the student's current grade from the Honors class will follow the student. Students may be required to complete readings that they missed prior to changing levels.

Math

When a student moves from an Honors to an on-level version of a course, the student's current grade from the Honors class will not follow the student. Instead, the student will be required to make up all chapter tests that were administered prior to the student entering the on-level class. The teacher and the student will agree upon the time by which the make-up test(s) must be taken.

Science

When a student moves from an Honors to an on-level version of a course, the student's current grade from the Honors class will follow the student. Still, the teachers involved in the level change will collaborate to determine if any graded work from the Honors level course should be excluded from the grade transfer and what missed work, if any, from the on-level version of the course must be made up. The teacher and student will agree upon a time by which any make-up work must be completed.

Social Studies

When a student moves from an Honors to an on-level version of a course, the student's current grade from the Honors class will follow the student. That rolled-over grade will be adjusted plus 10% when transferring classes.

Homestead Academic Credit Transfer Policy

Transferring Credit from a U.S. High School

Homestead will transfer classes and grades with appropriate credit for all classes a student has taken at an accredited U.S. high school in grades 9 - 12. Course titles will be noted on the HHS transcript as they appear on the receiving school's transcript. The name of the previous high school and dates attended will also be listed on the HHS transcript. We will convert transfer credits to the Homestead credit system for ease of calculating graduation requirements. All Physical Education classes will be factored into the overall GPA at Homestead High School. Students transferring from Wisconsin public schools will fulfill the state health requirements if health was successfully taken at any time in grades 7-12, and is reflected on the previous high school transcript.

AP/Honors course(s) successfully completed by transfer students in other schools will receive AP/Honors grade weight toward their cumulative weighted grade point average when a comparable course is offered at the AP/Honors level at Homestead High School. For students who completed an AP/Honors course at another school that is **not** offered at Homestead, no additional grade weight will be given. In all cases, AP/Honors designation will be noted on the student transcript.

WEIGHTED	UNWEIGHTED
A = 5	A = 4
B = 4	B = 3
C = 3	C = 2
D = 2	D = 1

A weighted and non-weighted GPA will be calculated for transfer students entering Homestead High School.

Transfer of Enrichment Credit from Accredited Schools Outside the United States

Students will be granted credit for courses taken at accredited schools outside of the US. Grades earned will be reflected on the transcript, but will not be calculated in the GPA. Credit received will be shown without a grade, using pass/fail, and will not be included in the student's cumulative grade point average. The credits earned will count toward meeting the 24.0 credit graduation requirement, and will be limited to 7.5 for each academic year.

American Schools, such as on international military bases, will follow the policy "Transferring of Credit from a US High School"

Exchange Program Credit Information (AFS, Rotary)

Homestead students who take exchange courses outside the confines of Homestead High School will receive acknowledgement and credit shown on their transcript. A maximum of 2.5 credits will be awarded for each trimester. In all cases, credit received will be shown without a grade, using pass/fail, and will not be included in the student's cumulative grade point average. Thus, the student will return from an exchange program with the same GPA as when s/he left. The credits, however, will be counted toward meeting the 24.0 credit graduation requirement.

Homestead Academic Credit Transfer Policy

Enrichment Courses within the United States

Requests for credits of any kind for enrichment programs should be submitted to the Counseling Department in writing at least four weeks in advanced of attending the program. This would apply to summer enrichment programs such as Midwest Talent Search and Wisconsin Center for Academically Talented Youth, pre-college programs, and Concordia Language Village experiences. Grade and credit will be recorded on the transcript, but the grade will not be included in the overall GPA. The grade will be recorded as GPA exempt.

Concordia Villages Language Credit Policy

Students who attend the one (1) or two (2) week programs will receive no grade, no credit and no acknowledgement. Students who attend the four (4) week Concordia Language experiences will be awarded 1.0 credit for 180 hours of instruction. Credit and a grade will be shown on the Homestead transcript and the course will be classified as GPA exempt.

Students who wish to skip a level of a language because they have participated in the four week session (e.g. Spanish 2 at Homestead, Spanish 4 the next year at Homestead) must receive pre approval from the Homestead world language and counseling departments. Failure to do this will result in no credit being issued. Credits will be awarded upon successful completion of the program as verified by the Concordia Village transcript.

ECCP, Start College Now

Credit earned under the ECCP will apply toward the 24.0 credit requirement, as an elective credit. Credit and a grade will be recorded on the transcript, but the grade will not be included in the overall GPA.

Home School

Home-based Private Educational Program means a program of educational instruction provided to a child by the child's parent or guardian or by a person designated by the parent or guardian as defined under s115.001(3)(g). An instructional program provided to more than one family unit does not constitute a home-based private educational program.

Students who have been in attendance in a Home-Based Private Educational Program for a period of ninety (90) calendar days or more shall furnish the principal, director of Pupil Services, or designee with the following documentation of the Home-Based Private Educational Program:

- a. A copy of Home-Based Private Educational form: Wisconsin EPI Form PI-1206 (rev. 1-86);
- b. A copy of the school calendar that verifies that each school term of Home-Based Education instruction consisted of a minimum of 875 hours (W.S. s.118.165(1);
- c. Copies of the sequential curriculum that was taught in the six (6) mandated subject areas (s.118.165(1)(d);
- d. Records of student performance for each course taken.

Home-based course work will be recorded as credit only.

Homestead Academic Credit Transfer Policy

I. Procedure for Earning Non-Homestead High School Credits

This procedure addresses high school credits earned through MATC, correspondence courses, pre-college programs, summer enrichment programs, and post-secondary options.

1. Of the 24 credits required for a Homestead High School diploma, 21 credits must be earned through Homestead High School courses. Therefore, a maximum of 3 credits may be applied toward the required 24 credits for other credit granting institutions.
2. It is recommended that students enroll in a maximum of one correspondence and/or MATC course at a time.
3. Students enrolled in a correspondence course are required to take the final exam. Arrangements should be made with Homestead High School to supervise the exam.
4. Correspondence, Edgenuity, and MATC courses are for **make-up credit only**. These courses are intended for students who have failed a **required course** at Homestead High School. Consideration, however, will be given to unique alternative educational requests by student in meeting high school graduation requirements.
5. It is required that all correspondence courses be completed before May 1st of the current school year. For seniors wanting to graduate with their class in June, this deadline must be met. The student must have the correspondence school mail a transcript prior to May 31st.
6. It is the student's responsibility to contact the correspondence school (or MATC) and request that a transcript of completed course work be sent to Homestead High School. This is to arrive no later than May 31st of the current school year for seniors who want to graduate with their class in June.
7. Students taking courses through pre-college programs or summer campus opportunities may apply a maximum of 3 credits toward the 24 **to be used as elective credits only and not as a substitute for a required course** at Homestead High School.
8. Prior approval from a counselor or the principal must be given before a student enrolls in a non-Homestead High School course for credit.

II. Recording of Grades and Credit on the Homestead Transcript

1. **Make-up credit courses:** Courses taken outside of Homestead High School for purposes of making up a failure in a required Homestead course will appear on the transcript. The letter grade and amount of credit earned will also be indicated. Grade and credit will be factored into the student's GPA. Please note that although this course makes up the failed course requirement. It does not remove the original failing grade as listed on the transcript.

* Edgenuity courses will be graded on a pass/fail basis.
* Ozaukee Community High School courses will be recorded as pass/fail.
2. **Elective Courses:** (Youth Options, Pre-College, WCATY and other enrichment courses). Credit will be awarded for these courses and will be applied toward the 24-credit graduation requirement. The grade will appear on the transcript but will be GPA exempt.

Homestead High School

Academic Preparation Chart

Subject	Homestead High School	University of Wisconsin System	Minimum College Preparation	Selective College* Recommendations
English	4 credits	4 credits	4 credits	4-5 credits Honors & AP Level
Social Studies	3 credits	3 credits	3 credits	4 credits Honors & AP Level
Mathematics	3 credits	3 credits (to include Algebra 1, Algebra 2 & Geometry)	3 credits (to include Algebra 1, Algebra 2 & Geometry)	4 credits Honors & AP Level
Science	3 credits	3 credits (2 with laboratory)	2-3 credits (2 with laboratory)	3-4 credits (to include Biology, Chemistry & Physics)
Foreign Language	Not Required But Recommended	UW-Madison 2-3 credits	0-2 credits	3-4 credits of the same language
Health/Physical Education	2 credits	_____	_____	_____
Computers	.5 credit	Will Count as Academic Credit	Computer Proficiency Helpful	Computer Proficiency Required
Fine Arts	1 credit	Will Count as Academic Credit	Recommended	1 or more credits Recommended
Personal Finance (Class of 2028 and beyond)	.5 credit			
Electives	7.5 credits* *Class of 2028 and beyond reduced to 7.0 credits	4 Academic Credits from the Areas Above	Academic Electives	Academic Electives Recommended
Total	24 Total Credits	17 (or more) Academic Credits	16-17 Academic Credits	18-20 Academic Credits

Four-Year Educational Planning Worksheet

Name: _____ Date: _____

Graduation Requirements	9		10		11		12	
English 4 credits	English 9	1	American Literature	1	Language and Composition	1		.5
Social Studies 3 credits	World Studies (9 or 10) or AP Human Geography	1			United States History (10 or 11)	1	American Govt (11 or 12)	.5
Science 3 credits	Biology or Honors Biology						Economics (11 or 12)	.5
Math 3 credits	Geometry or Honors Geometry				Chemistry or Physics (10-11)			
World Languages								
Physical Education/Health 2 credits	Physical Education	.5	Physical Education	.5	Physical Education (11 or 12)	.5		
Computer Sciences .5 credit	Health	.5						
Fine Arts 1 credit								
Personal Finance (Class of 2028 and beyond)								
Electives 7.5 credits (Class of 2028 and beyond = 7.0 credits)								
Credits Needed For Graduation 24	Total Credits		Total Credits		Total Credits		Total Credits	
	ACT ASPIRE SAT Subject (optional)		ACT ASPIRE AP (optional) SAT Subject (optional)		PSAT ACT w/Writing ACT Work Keys SAT (optional) AP (optional) SAT Subject (optional)		ACT (recommended) SAT I (recommended) SAT Subject (optional) AP (optional)	

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