

HUSTISFORD HIGH SCHOOL



COURSE DESCRIPTION BOOKLET 2026 – 2027

(Updated 1/19/26)

AGRICULTURE

ANIMAL SCIENCE

Grades 9-12 ½ Credit One Semester
Course Fee: \$5

This introductory course is highly recommended for all students interested in taking other agriculture courses! Students will focus on food production and food science as they explore where and how food is produced. This course will explore the notion of farm to plate and various scientific processes that deal with our daily meals. Sign-up for this tasty course offering! Leadership and communication will also be a component of this course.

ANIMAL PRODUCTION

Grades 9-12 ½ Credit One Semester
Course Fee: \$10
Prerequisite: Animal Science

Over 56% of American families own at least one pet. This course will focus on various topics pet lovers should understand before ownership. Some topics of study will include general care, disease prevention, nutrition, grooming, handling, and basic anatomy. Students gain hands-on, practical experience and knowledge about owning a variety of pets.

FOOD SCIENCE

Grades 9-12 ½ Credit One Semester
Course Fee: \$35

Food science related careers are in demand and there are not enough qualified candidates to meet the demand. This course explores the foods we eat and the science and industry behind them. Students will also learn about food additives and substitutes, fermentation, preserving, and the science of creating food packaging. Students can expect this class to be fast-paced with many laboratory activities.

PLANT SCIENCE

Grades 9-12 ½ Credit One Semester
Course Fee: \$15

Students will gain hands-on experiences about greenhouse growing of plants, fertilization, finishing and marketing of plants. They will also learn plant identification while cultivating various ornamental plants as well as fruits and vegetables. Discussion of careers and design are a part of this class as well.

VETERINARY SCIENCE

Grades 9-12 ½ Credit One Semester
Course Fee: \$5

This course will provide an in-depth look at proper health care and management of animals. Students will gain practical experience with basic veterinary procedures as they explore the body systems of production and companion animals.

AGRONOMY AND FLORICULTURE

Grades 9-12 ½ Credit One Semester
Course Fee: \$20

Students will get to explore fall crops like grain corn, pumpkins, and apples, along with seasonal flowers. This course will focus on the principles of crop science and the importance of the major agronomic crops to the world-wide economy. A study of the origin, structure,

general nature of soil and the factors related to soil fertility and soil management will also be discussed. Students will also have an opportunity to gain experience with floral arrangements and integrated pest management techniques used in agronomy.

AGRICULTURE COMMUNICATIONS AND ISSUES

Grades 9-12 ½ Credit One Semester
Course Fee: \$20

This course will examine current agricultural issues, determine how they affect people on all sides of the issue and enhance their written and oral communication skills by presenting their views and opinions to the class through debates, speeches, and interviews in order to be effective leaders in today's society. Students gain experience in problem-solving and developing ideas and solutions to these problems that impact producers and consumers.

GoWild DNR SAFETY

Grades 9-12 ½ Credit One Semester
Course Fee: \$10 per certification up to \$30

This course guides students through the Wisconsin DNR GoWild system, providing them opportunities to earn ATV/UTV, snowmobile, and boating safety certificates. They will learn essential laws along with responsible riding and operating techniques for safe participation in activities involving ATV/UTVs, snowmobiles, and motor-operated boats. The fees for these courses are a fraction of the cost of enrolling in the online courses.

BUSINESS EDUCATION

PERSONAL FINANCE

Grades 10-12 ½ Credit One Semester
Required Course

We all know how to spend money. Question is when making money do you have enough income to cover your living expenses? The most important person to pay is yourself by keeping a savings account. But how do you know which financial institution is best to use? At what age should you consider investing for the future? How much financial risk are you willing to take? We will answer these questions and many more to ensure you have the knowledge to make solid financial decisions.

HIGH SCHOOL CAREERS

Grades 9 - 12 ½ Credit One Semester
Required Course

High School Careers engages students in an interactive learning process, helping them develop the knowledge, skills, and attitudes needed to successfully examine their own lives, explore and evaluate a wide range of education and career options, and make reasoned and researched goals for their future. This academically-integrated curriculum is relevant and rigorous. Career search topics will be introduced: job shadows, career outlines, personal skills at the workplace, traditional, and non-traditional job search tools for finding a career sustaining job after high school.

COMPUTER LITERACY

Grade 9-12 ½ credit One Semester

Although we use Chromebooks in our district, most businesses will ask for you to have computer skills using Microsoft products. So we will develop computer skills through word processing with Microsoft Word, spreadsheets with Microsoft Excel, and presentations with Microsoft PowerPoint. We will also expand internet communication and how to professionally use social media. This course is a "hands-on" computer class and cultivates skills for college and work. **Students who take this course may have the opportunity to earn dual credit.**

COMPUTER PROGRAMMING

Grades 9-12 ½ Credit One Semester

How does the computer know to perform the function while we use a combination of keys on the keyboard? What do all those codes mean to allow us to work on our computers? Dive into the world of computer programming, but know you must enjoy solving problems. Working through a problem solving process is at the core of coding.

WEB PAGE DESIGN

Grades 9-12 ½ Credit One Semester
Prerequisite: Computer Literacy

All businesses have some type of online presence which typically begins with a website. Take your first steps toward being an online creator. Yes, there are templates that can be used, but when using HTML coding you will learn to customize and design a website. We will also consider questions of online privacy and ownership on the Internet along with branding while developing your own personal website.

INTRO TO BUSINESS

Grades 9-12 ½ Credit One Semester

There are many different components within a business and multiple decisions that need to be made. And let's be honest, the bottom line for a business is to make a profit. Making financial decisions about production, marketing, research and development, and corporate social responsibility, you begin to see how every choice made in an organization relates to its future success. Learn the basics and potentially an area you would like to pursue further as a career in business. **Students who take this course may have the opportunity to earn dual credit.**

MARKETING MANAGEMENT

Grades 10-12 ½ Credit One Semester
Prerequisite: Introduction to Business

Advertising is all around us! Through a combination of theoretical knowledge and practical applications, you will gain insights into the core elements of marketing within a digital and global marketplace. Discussion provides a comprehensive understanding of the fundamental concepts, strategies, and tactics that drive successful marketing endeavors in today's dynamic business landscape. **Students who take this course may have the opportunity to earn dual credit.**

ENTREPRENEURSHIP

Grades 10-12 ½ Credit One Semester
Prerequisite: Introduction to Business

Do you have a dream or ambition to own a business or be your own boss? Entrepreneurship is the process of creating, managing, and growing a business venture with the aim of making a profit and fulfilling a need in the market. An entrepreneur identifies opportunities, develops innovative ideas, and takes calculated risks to transform those ideas into successful businesses. Don't forget about the legal and ethical aspects along with funding and effective leadership skills crucial to sustaining a business for the longevity of your life. **Students who take this course may have the opportunity to earn dual credit.**

ENGLISH

ENGLISH 9

Grade 9 1 Credit One Year

This course is an integrated approach to developing the skills in the Wisconsin State Standards for English Language Arts. A variety of texts such as short stories, poetry, novels, and plays will be studied. Students will continue to build up their writing skills from middle school to write more complex papers including narratives, argumentative, and informative writing pieces. Grammar and affixes will be studied to improve writing and comprehension skills.

HONORS ENGLISH 9

Grade 9 1 Credit One Year
Prerequisite: Instructor Approval

This course follows the English 9 curriculum and is designed to be more challenging and rigorous with the possibility of select assignments being independently completed.

ENGLISH 10

Grade 10 1 Credit One Year

This course is an integrated approach to developing the skills in the Wisconsin State Standards for English Language Arts. A variety of texts such as short stories, poetry, and novels will be studied. Students will continue to build up their writing skills from English 9 to write more complex papers including narratives, argumentative, and informative writing pieces. A public speaking unit will be covered. Grammar and affixes will be studied to improve writing and comprehension skills.

HONORS ENGLISH 10

Grade 10 1 Credit One Year
Prerequisite: Instructor Approval

This course follows the English 10 curriculum and is designed to be more challenging and rigorous with the possibility of select assignments being independently completed.

ENGLISH 11

Grade 11 1 Credit One Year

This course is an integrated approach to developing the skills in the Wisconsin State Standards for English Language Arts. A variety of texts such as short stories, poetry, novels, and plays will be studied. Students will continue to build up their writing skills from English 10 to

write more complex papers including narratives, argumentative, and informative writing pieces. Writing exercises and literature selections will prepare students for other upper level English electives and senior level composition courses. Grammar and affixes will be studied to improve writing and comprehension skills.

HONORS ENGLISH 11

Grade 11 1 Credit One Year
Prerequisite: Instructor Approval

This course follows the English 11 curriculum and is designed to be more challenging and rigorous with the possibility of select assignments being independently completed.

ADVANCED COMPOSITION

Grade 12 ½ Credit One Semester

This course is an integrated approach to developing the skills in the Wisconsin State Standards for English Language Arts and is designed for students who plan to attend a university or rigorous technical college program. More independence while further developing reading and writing skills will be emphasized through the many different types of short essays and the two novels discussed. One major research paper will be required.

COMPOSITION 12

Grade 12 ½ Credit One Semester

This course will help to strengthen the communication skills of our Seniors as they prepare for life after high school. The process of communication is explored while refining written, oral, and technology communication skills.

CREATIVE WRITING

Grades 11-12 ½ Credit One Semester

Students will practice a variety of writing designed to increase creativity while enhancing grammar skills. Students will write a variety of poems and short stories throughout the semester. Some possible units of study may be flash fiction, fractured fairy tales, fables, and tabloids among other choices

CONTEMPORARY LITERATURE

Grades 11-12 ½ Credit One Semester

In this class, students will read recently published literature. Class discussions will cover basic literary developments throughout the novel as well as the impact the novel may have had on society when published. Societal issues are reflective in literature. Some of these novels will contain controversial themes and/or topics that are relevant in today's society.

DYSTOPIAN LITERATURE

Grades 11-12 ½ Credit One Semester

Dystopian worlds often explore the worst parts of society in order to showcase the positive, hard-working people in the world surrounding them. In this class, students will read a variety of dystopian novels to explore how human nature develops when faced with uncertainty and difficulty. The texts for this course will be wide-ranging, including texts from the literacy canon, with the majority of the focus on contemporary works.

ONLINE ENGLISH COURSES

Grade level depends on course Credits vary

We offer a variety of online courses in English. If you are interested in taking an English course in this environment, check with our School Counselor for available options.

FINE ARTS

DRAWING

Grades 9-12 ½ Credit One Semester
Course Fee: \$10 (Sketchbook needs to be purchased from school supply list)

Students will learn the art of drawing through direct observation and interpretive skills using pencil, colored pencil, pastels and charcoal. Sketchbook spreads, portraits, figure drawing, still life, and perspective drawing will be explored. This is a great class for students wishing to develop their drawing skills.

PAINTING

Grades 9-12 ½ Credit One Semester
Course Fee: \$10 (Sketchbook needs to be purchased from school supply list)

This course provides students with a deeper understanding of color theory and basic elements and principles of art and design as they relate to painting. Students will learn a variety of painting types and techniques while developing their personal art making style.

ADVANCED PAINTING

Grades 9-12 ½ Credit One Semester
Course Fee: \$10 For project supplies and materials (Sketchbook needs to be purchased from school supply list)
Prerequisite: Painting

This course is an advanced course that encourages students to explore experimental painting techniques while delving deeper into the concepts and practices of abstract art. Through hands-on projects and critical discussions, students will further develop their unique artistic style, pushing creative boundaries and honing their personal voice in painting.

CERAMICS I

Grades 9-12 ½ Credit One Semester
Course Fee: \$10

This course develops hand building techniques to create decorative and functional art forms out of clay. Students will learn several clay building techniques such as slipping and scoring, coiling, and slab. Students will also learn different techniques with glazes and applying textures to their artwork.

CERAMICS 2

Grades 9-12 ½ Credit One Semester
Course Fee: \$10
Prerequisite: Ceramics I

This course develops hand building techniques to create decorative and functional art forms out of clay- as well as introducing wheel throwing. Students will learn several surface treatments such as piercing, applique, incising, mixed media, underglaze, and texture to enhance the art making process.

2D MIXED MEDIA ART

Grades 9-12 ½ Credit One Semester
Course Fee: \$10 (Sketchbook needs to be purchased from school supply list)

This course explores various two-dimensional mediums, concepts, and fundamentals of art. Possible forms of art making may include: drawing, painting, printmaking, collage, mixed media, and more.

3D MIXED MEDIA ART

Grades 9-12 ½ Credit One Semester
Course Fee: \$10

This course explores various three-dimensional mediums, concepts, and fundamentals of art. Possible forms of art making may include: functional art, ceramics, sculpture, mixed media, and more.

PRINTMAKING

Grades 9-12 ½ Credit One Semester
Course Fee: \$10 For project supplies and materials (Sketchbook needs to be purchased from school supply list)

Explore the vibrant world of printmaking in this hands-on course! Students will learn the art of cutting intricate designs on linocut blocks, experimenting with texture and color using gelli plates, and mastering the technique of layering ink and paint to create dynamic, multi-dimensional prints. Whether you're a beginner or looking to expand your artistic skills, this class offers a creative and engaging introduction to printmaking.

BAND

Grades 9-12 1 Credit One Year

The high school band is a year-long program in which students will expand upon musical concepts covered throughout junior high band. Students will play a variety of level appropriate repertoire in an ensemble setting. Students will also learn solo or small ensemble repertoire. There are opportunities to perform at the Solo and Ensemble Festival. Students will expand their knowledge of music history, theory, improvisation, composition, and musical expression. All performances are required.

CHORUS

Grades 9-12 1 Credit One Year

The senior chorus is a class in which students will build upon the skills previously learned in junior high chorus, by singing two and three part music, as well as, getting an introduction to four-part music. The class will continue to focus on basic musicianship skills along with sight-reading practice to help students to increase their ability to read music. They will also learn how to constructively critique their own abilities. Previous choral experience is not required; however, it would be helpful. Attendance is required at all concerts and rehearsals.

MATH

PRE-ALGEBRA

Grade 9 1 Credit One Year
Other: Scientific Calculator Required

The course is designed to help students for preparation in high school mathematics, emphasizing the concepts necessary to be successful in Algebra I and II. These concepts include equation solving, graphing equations, computation skills, and solving basic systems of equations. Some basic geometric concepts will also be introduced.

ALGEBRA I

Grades 9-10 1 Credit One Year
Other: Scientific Calculator Required

This course stresses further application of linear equations and inequalities. Students in Algebra 1 will also work with proportions, quadratic equations, and exponential functions.

GEOMETRY

Grades 9-12 1 Credit One Year
Prerequisite: Algebra I
Other: Scientific Calculator Required

This course requires students to perform applications of Algebra through the lens of geometric figures. Students explore relationships among those figures and geometric proof is introduced. Students will be tasked with utilizing numerous geometric theorems.

ALGEBRA II

Grades 10-12 1 Credit One Year
Prerequisite: Geometry
Other: Scientific Calculator Required –
(Graphing calculator recommended if taking Pre-Calculus)

In this course, students will continue to analyze and graph equations and inequalities as well as solving systems of equations. During Algebra II, students will also explore new topics such as matrices, complex numbers and quadratics, polynomials, rational functions, and exponential functions and logarithms.

PRE-CALCULUS

Grades 11-12 1 Credit One Year
Prerequisite: Algebra II
Other: Graphing Calculator Required

The goal of this Pre-Calculus course is to broaden students' pre-existing knowledge of functions and to introduce new classes of functions such as: rational functions, exponential functions, logarithmic functions, and trigonometric functions. Students will learn to analyze each of these different types of functions, determine their important characteristics, solve equations involving these functions, and sketch a detailed graph of each type of function. All of these skills are precursors to what is required in a Calculus course and each will be necessary to be successful in a Calculus course. **Students who take this course may have the opportunity to earn dual credit in both College Algebra and Trigonometry at MPTC.**

AP CALCULUS AB

Grade 12 1 Credit One Year
Prerequisite: Pre-Calculus
Other: Graphing Calculator Required

AP Calculus AB is roughly equivalent to a first semester college calculus course devoted to topics in differential and integral calculus. The AP course covers topics in these areas, including concepts and skills of limits, derivatives, definite integrals and the Fundamental Theorem of Calculus. The course teaches students to approach calculus concepts and problems when they are represented graphically, numerically, analytically, and verbally, and to make connections amongst these representations. Students learn how to use technology to help solve problems, experiment, interpret results, and support conclusions. **Students who take this course are eligible to take the AP exam with the possibility of earning college credit.**

PROBABILITY AND STATISTICS

Grades 11-12 1 Credit One Year
Other: Scientific Calculator Required
Prerequisite: Geometry

This course explores descriptive as well as analytical statistics and their applications. Students also spend time exploring the applications of probability. This course is very hands-on as students explore the world of probability and statistics through a series of in-class activities that help develop a fundamental understanding of the material.

MPTC COLLEGE MATH

Grades 11-12 1 Credit One Year
Other: Scientific Calculator Required
Prerequisite: Geometry

College Math builds upon the basics of Algebra 1 and Geometry and is designed to review and develop fundamental concepts of mathematics pertinent to the areas of: (1) arithmetic and algebra, (2) geometry and trigonometry, and (3) probability and statistics. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators. Topics include performing arithmetic operations and simplifying algebraic expressions; solving linear equations and inequalities in one variable; solving proportions and incorporating percent applications; manipulating formulas; solving and graphing systems of linear equations and inequalities in two variables; finding areas and volumes of geometric figures; applying similar and congruent triangles; converting measurements within and between U.S. and metric systems; applying Pythagorean Theorem; solving right and oblique triangles; calculating probabilities; organizing data and interpreting charts; calculating central and spread measures; summarizing and analyzing data. Intermediate Algebra is designed for the student that took Pre-Algebra as a freshman or is not quite prepared for Algebra II and is planning on attending a technical college upon graduation. **Students who take this course may have the opportunity to earn dual credit at MPTC.** This course is a requirement for many programs at MPTC including Medical Office Management, Fire Protection Technician, Radiography, Water Quality Technology, Automotive Technology, HVAC Installation Technician, Automotive Technician, and CNC Certificate.

MPTC INTERMEDIATE ALGEBRA

Grade 12 1 Credit One Year
Prerequisite: Algebra II
Other: Scientific Calculator Required

Intermediate Algebra builds upon the foundations from Algebra II and offers algebra content with applications and an introduction to functions and complex numbers. Content builds upon the arithmetic of real numbers by using variable equations to solve problems. Topics include graphing and finding algebraic solutions for linear equations and inequalities, quadratic, exponential, polynomial, radical, and rational equations. College Algebra is designed for the senior that took Algebra II and is planning on attending a technical college upon graduation. **Students who take this course may have the opportunity to earn dual credit at MPTC.**

OCCUPATIONAL MATH 1

Grade 12 ½ Credit One Semester
Prerequisite: Geometry
Other: - Scientific Calculator Required

Occupational Math 1 develops skills in arithmetic (whole numbers, fractions, decimals, and integers) via both manual and calculator assisted calculations. Students solve applied problems related to metalworking occupations using ratios, percentages, proportions, measurement conversions, basic algebra, and introductory geometry and trigonometry. **Students who take this course may have the opportunity to earn dual credit at MPTC.** This course is a requirement for many programs at MPTC including Auto Maintenance Technician, Electricity, Machine Tool Operator, Mechanical Drafting, Welding, Metal Fabrication, Building Trades Constr. Worker, CNC/Tool and Die Technologies, Gas Metal Arc Welding Certificate, Shielded Metal Arc Welding Certificate, Gas Tungsten Arc Welding Certificate, Intro to CNC Operations Certificate, Computer Drafting Certificate, and Welding Certificate

OCCUPATIONAL MATH 2

Grade 12 ½ Credit One Semester
Prerequisite: Geometry
Other: - Scientific Calculator Required

Occupational Math 2 develops skills in algebra, geometry, and trigonometry. Students solve applied problems related specifically to the metalworking and machining occupations. Algebra topics include tolerance relationships, speeds and feeds calculations, and precision applications. Geometry topics emphasize circles, chords, and arcs. Trigonometry calculations include right triangle calculations off of actual design prints, and basic oblique triangle calculations. **Students who take this course may have the opportunity to earn dual credit at MPTC.** This course is a requirement for many programs at MPTC including Machine Tool Operator, Mechanical Drafting, CNC Set-Up/Operator Certificate, and Mechanical Drafting Certificate.

ONLINE MATH COURSES

Grade level depends on course Credits vary

We offer a variety of online math courses, including honors and AP level courses. If you are interested in taking a course in this environment, please contact our School Counselor for available options.

PHYSICAL EDUCATION & HEALTH

HEALTH

Grade 9 ½ Credit One Semester

This course will develop skills for use throughout the student's lifetime. Topics will include: nutrition; emotional health; social health; physical health; suicide prevention; alcohol, tobacco, and drug prevention; sex education; goal setting; refusal skills; and communicating effectively.

HEALTH 2

Grades 11-12 ½ Credit One Semester
Prerequisite: Health

Students will investigate current health trends in the world today with a focus on a deeper understanding of personal health and wellbeing. Students will expand their knowledge in the areas of Community Health, Consumer Health, Substance Use and Abuse, Injury Prevention, Safety, and First Aid, and other health relevant areas that increase health literacy.

MEDICAL OCCUPATIONS

Grades 11-12 ½ Credit One Semester

Students will be exposed to various occupations in the Health Care Industry. Students will gain a broad understanding of the history of medicine, organization of health care, patient rights, ethical/legal responsibilities, basic skills of health care workers, infection control, vital signs, and the impact of nutrition on our health. This class will help prepare students who are interested in pursuing a career in Health Care.

PHYSICAL EDUCATION

Grades 9-12 ½ Credit One Semester

This course is designed to introduce students to physical activities, physical fitness, and lifetime activities. Students will participate in a variety of indoor and outdoor sports and games, individual and team activities. Students must dress in appropriate workout clothing and shoes.

STRENGTH AND CONDITIONING

Grades 10 -12 ½ Credit One Semester

This class will focus on proper lifting form and technique. The class will explore various lifting programs, designing a personal lifting program, and focus on promoting lifelong fitness. Proper nutrition and conditioning/quickness programs will also be discussed.

LIFETIME RECREATION

Grades 11 -12 ½ Credit One Semester

Lifetime Recreation is designed to encourage and motivate students to maintain an active lifestyle outside of the traditional school physical education setting. Units like Golf, Kayaking, Bowling, Archery, Yard Games, and Exercise Training will all be incorporated into class.

TEAM SPORTS

Grades 10-12 ½ Credit One Semester

This course is designed to focus on the skills, concepts, and rules necessary to play team based sports. During this class both offensive and defensive strategies will be a main focus,

as well as, appropriate social behaviors within a team environment. Team sports may include: basketball, volleyball, soccer, Flag football, and lacrosse.

SCIENCE

BIOLOGY

Grade 9-10 1 Credit One Year

This required course deals with the physical and chemical properties of life with areas of study including chemistry relating to life, cell structure and function, genetics, natural selection, and matter and energy flow in organisms and ecosystems. The class will be a blend of inquiry learning, discussions, direct instruction, laboratory experiments, and field study. This class will help students learn more about themselves, the world around them, and their interactions with the natural world.

Physics

Grades 10-12 1 Credit One Year
Prerequisite: Geometry with preference to concurrent or previous enrollment in Algebra II

Students may substitute this course for Integrated Chemistry and Physics in 10th grade as long as prerequisites are met. Physics is an advanced science course for students interested in engineering, physics, medical, or other related, scientific fields. This curriculum will focus on kinematics, Newton's Laws, energy transformations, waves, and electromagnetic radiation. Students will be challenged to use critical thinking skills to solve problems and apply principles to projects and laboratory experiments.

EARTH AND SPACE SCIENCE

Grades 11-12 ½ Credit One Semester

Earth and Space Science will focus on the current, scientific understandings of our universe. Approximately one semester will be spent studying Astronomy, especially the formation and classification of stars, star systems, and planets. The second semester will focus on planet Earth, its systems, and Wisconsin's geological formations.

PRINCIPLES OF SUSTAINABILITY

Grades 11-12 ½ Credit One Semester

This course focuses on environmental systems and the connections they have with the physical and biological sciences. Topics include the effects of sustainability on health and well-being, analysis of connections among social, economic, and environmental systems, energy conservation strategies, alternative energy options, recycling and waste disposal, and approaches to implement and promote sustainability. **Students who take this course may have the opportunity to earn dual credit.**

MEDICAL TERMINOLOGY

Grade 10-12 ½ Credit One Semester

Focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasizes spelling, definition and pronunciation. Introduces operative, diagnostic, therapeutic and

symptomatic terminology of all body systems, as well as systemic and surgical terminology.

Students who take this course may have the opportunity to earn dual credit.

HUMAN ANATOMY AND PHYSIOLOGY

Grades 11-12 ½ Credit One Semester
Prerequisite: Biology with a grade of C or higher

This course is designed for students with a love and passion for learning how the human body works. The class emphasizes the relationships between the structures of human organs with the functioning of those organs. Understanding how the body maintains a biological balance (homeostasis) and relates to our surroundings is a must for a proper functioning body. This class will be of special interest to students pursuing health - related careers and profession.

CHEMISTRY

Grades 10-12 1 Credit One Year
Prerequisite: Algebra I, Geometry

Students may substitute this course for Integrated Chemistry and Physics in 10th grade as long as prerequisites are met. Chemistry is the science of matter and energy and how they change. This course investigates the structure and composition of matter as well as how they react. Topics covered include: atomic theory, atomic and electronic structure, chemical bonding, mole concept, stoichiometry, state of matter, formulas and equations, solutions and colloids. This course will prepare students for a college level chemistry course. **Students who take this course may have the opportunity to earn dual credit**

ONLINE SCIENCE COURSES

Grade level depends on course Credits vary

We offer a variety of online science courses, including honors and AP level courses. If you are interested in taking a course in this environment, please contact our School Counselor for available options.

SOCIAL STUDIES

US HISTORY

Grade 9 1 Credit One Year

Beginning with after Reconstruction, this course will continue both topically and chronologically to the present time. Each unit will be developed completely and, as in the previous year, cover the inter-relationship of American History, economics, government, and sociology.

INTEGRATED CIVICS, ECONOMICS, AND BEHAVIORAL SCIENCE

Grade 10 1 Credit One Year

Required for 10th grade students, this course will be a survey of civics, economics and behavioral science principles with an integration of geography skills. Topics will include the history, development and structure of government in the United States with an emphasis on individual and group rights, macro and micro economic principles in decision making, and how scientific methods can be applied to understanding human behavior.

WORLD HISTORY

Grade 11 1 Credit One Year

In this course, students will trace the development of human beings in establishing civilizations from the first civilization in Mesopotamia through the Scientific Revolution in Europe. Emphasis will be placed on GrecoRoman culture and European history as it relates to the development of American ideals.

CONTEMPORARY ISSUES

Grades 10-12 ½ Credit One Semester

This semester course deals with vital issues that appear at the state, national, and International level. Topics will include: crime; welfare; terrorism; local, state, and national political issues; controversial issues; the economy, scientific achievements, environmental issues; and public affairs. This class will ask students to debate, analyze, and defend their views in a safe environment.

AP PSYCHOLOGY

Grades 11-12 1 Credit One Year

Students in this class will study how scientific methods can be applied to understanding human behavior. This course will cover many core concepts of a typical college Introductory Psychology course. A large part of the curriculum will be assimilated through student-driven research and inquiry into the following areas of psychology: early history of psychology, how the brain works, sensation and perception, altered states of consciousness, learning, memory, and psychological disorders. **Students who take this course are eligible to take the AP exam with the possibility of earning college credit.**

HISTORY OF AMERICAN WARS

Grades 10-12 ½ Credit One Semester

This course provides students with an overview of American military history relative to the causes, nature, outcomes, and significance of major wars and related issues; essentially, is a study of the concepts, events, leaders, and outcomes of American military history from the American Revolution to recent times.

ONLINE SOCIAL STUDIES COURSES

Grade level depends on course Credits vary

We offer a variety of online social studies courses, including honors and AP level courses. If you are interested in taking a course in this environment, please contact our School Counselor for available options.

TECHNOLOGY EDUCATION

WOODS TECHNOLOGY

Grades 9-12 ½ Credit One Semester

Course Fee: \$25
Other: Safety glasses required

Students will learn how to use measuring tools, read a print, identify multiple wood species, layout a project and the safe use of hand and power tools. Two projects will be created during in the course of the semester; one teacher led and the second student designed.

METALS WELDING

Grades 9-12 ½ Credit One Semester

Course Fee: \$25
Other: Safety glasses required

Students will learn multiple welding and cutting processes of metal. They will be able to read an engineering print for specifications of their welding set up. They will be able to understand and setup the equipment needed for welding, how to prepare the materials, and to safely weld or cut these materials. Welding processes will include MIG, stick, Oxy-fuel and TIG welding, Oxy-fuel and Plasma cutting.

WORLD LANGUAGES

SPANISH I

Grades 9-12 1 Credit One Year

Spanish 1 is an introduction to the Spanish language. Students will develop an ability to use Spanish for basic conversation and increase their understanding of Hispanic cultures. Introductory vocabulary and simple grammar structures will be used to communicate and express ideas. Students will use the Spanish language on a daily basis for speaking, reading, writing, and listening.

SPANISH II

Grades 9-12 1 Credit One Year

Prerequisite: Spanish I

Students will build on the base they have established in Spanish I. Increased vocabulary and continued study of grammar will be important components of the class as we aim to improve the students' ability to communicate in a variety of real life situations. Students will be expected to use the Spanish language on a daily basis for speaking, reading, writing, and listening.

SPANISH III

Grades 10-12 1 Credit One Year

Prerequisite: C+ or better in Spanish II and approval of instructor

Students will build on the base they have established in Spanish I & II. Increased vocabulary and continued study of grammar will continue to be important components of the class, and there will be an increased emphasis on reading comprehension. Students will be expected to use the Spanish language on a daily basis for speaking, reading, writing, and listening.

SPANISH IV/V - Literatura y Cultura

Grade 11-12 ½ Credit One Semester

Prerequisite: C+ or better in Spanish III and approval of instructor

Students will build on the base they have established in previous levels. Our focus in this course will be learning more about Hispanic cultures through literature. We will continue to expand our vocabulary and knowledge of Spanish grammar and improve our reading comprehension. Students will be expected to use the Spanish language in class on a daily basis for speaking, reading, writing, and listening.

SPANISH IV/V – Historia y Cultura A
Grade 11-12 ½ Credit One Semester
Prerequisite: C+ or better in Spanish III and approval of instructor

Students will build on the base they have established in previous levels. Our focus in this course will be learning more about Hispanic cultures through history. We will continue to expand our vocabulary and knowledge of Spanish grammar and improve our reading comprehension. Students will be expected to use the Spanish language in class on a daily basis for speaking, reading, writing, and listening.

SPANISH IV/V – Historia y Cultura B
Grade 11-12 ½ Credit One Semester
Prerequisite: C+ or better in Spanish III and approval of instructor

Students will build on the base they have established in previous levels. Our focus in this course will be learning more about Hispanic cultures through history. We will continue to expand our vocabulary and knowledge of Spanish grammar and improve our reading comprehension. Students will be expected to use the Spanish language in class on a daily basis for speaking, reading, writing, and listening.

SPANISH IV/V - Geografía y Cultura
Grade 11-12 ½ Credit One Semester
Prerequisite: C+ or better in Spanish III and approval of instructor

Students will build on the base they have established in previous levels. Our focus in this course will be learning more about Hispanic cultures through geography and weather phenomena. We will continue to expand our vocabulary and knowledge of Spanish grammar and improve our reading comprehension. Students will be expected to use the Spanish language in class on a daily basis for speaking, reading, writing and listening.

SPANISH IV/V – Civilizaciones Antiguas y Cultura
Grade 11-12 ½ Credit One Semester
Prerequisite: C+ or better in Spanish III and approval of instructor

Students will build on the base they have established in previous levels. Our focus in this course will be learning more about Hispanic cultures through ancient civilizations. We will continue to expand our vocabulary and knowledge of Spanish grammar and improve our reading comprehension. Students will be expected to use the Spanish language in class on a daily basis for speaking, reading, writing and listening.

SPANISH IV/V - La Gente y Cultura
Grade 11-12 ½ Credit One Semester
Prerequisite: C+ or better in Spanish III and approval of instructor

Students will build on the base they have established in previous levels. Our focus in this course will be learning more about Hispanic cultures through notable Hispanic figures. We will continue to expand our vocabulary and knowledge of Spanish grammar and improve our reading comprehension. Students will be expected to use the Spanish language in class

on a daily basis for speaking, reading, writing, and listening.

THE SPANISH SPEAKING WORLD
Grades 9-12 ½ Credit One Semester
Course Fee: \$10
Offered odd school years only

Students will gain knowledge about the twenty-one different Spanish speaking countries through hands-on projects, readings, videos, and cultural experiences. The focus will be on naming traditions, beverages, music, holidays, birthdays, art, foods, fairy tales, board/card games and geography.

ONLINE WORLD LANGUAGE COURSES
Grade level depends on course Credits vary

We offer a variety of online courses in the World Language department. If you are interested in taking a course in this environment, check with our School Counselor for available options.

OTHER COURSES

COLLEGE 101
Grades 11-12 ½ Credit One Semester

Develops tools and strategies that support success in college. Focuses on utilizing Moraine Park websites, online Course Management System and college resources. Student responsibility and expectations for success in college are explored. Emphasizes learning strategies, goals, lifestyle balance and skills for interdependence. Students will be required to complete during or prior to the first semester of their program at Moraine Park. **Students who take this course may have the opportunity to earn dual credit. Students successfully completing this course with a C or better grade will receive 2.000 Credit hours from Moraine Park Technical College.**

PERSONAL SKILLS FOR THE WORKPLACE
Grades 11-12 ½ Credit One Semester

Applies the skills and tools necessary to deal with time management, stress, and related challenges to a supervisor. Students demonstrate the application of time management techniques, personal planning, continuous learning, valuing rights and responsibilities of others, effective communication, assertiveness and dealing effectively with stress. This class may lead to Human Resources or leadership degrees. Also, may lead to the Principle of Management certificate. **Students who take this course may have the opportunity to earn dual credit. Students successfully completing this course with a C or better grade will receive 3.000 Credit hours from Moraine Park Technical College.**

TEAM BUILDING AND PROBLEM SOLVING
Grades 11-12 ½ Credit One Semester

Provides opportunities to explore the benefits and challenges of group work, identify the stages of team development, and recognize roles of team players. Examines a systematic problem-solving process. Students apply skills and tools to facilitate problem solving in a team environment. This class may lead to Moraine Park degrees in Business Analyst, Business Management, Marketing Social Media,

Administrative Coordinator, Small Business Entrepreneurship, Graphic Design. Also, may lead to, certificates in Meeting and Event Planner, Project Coordinator, or Principles of Management. **Students who take this course may have the opportunity to earn dual credit. Students successfully completing this course with a C or better grade will receive 3.000 Credit hours from Moraine Park Technical College.**

DRIVERS EDUCATION
Grades 9-10 ½ Credit One Semester

Hustisford School District offers a classroom only program that will prepare student drivers for Behind the Wheel training. Students will learn about driving knowledge and laws, attitudes, emotions, drugs and alcohol, insurance and more. There will be a variety of guest speakers from the insurance industry, law enforcement, trucking industry, organ donation agency and the Dodge County Highway Department. Upon successful completion of the course, and hiring a Behind the Wheel driving company, students will be eligible to sign up for their temporary license test.

The DMV (Wisconsin Department of Motor Vehicles) mandates a minimum 30 hours of classroom instruction to meet the requirements to attain a driver license. **Students must be 15 years of age by January 1, 2025 in order to take the class in the first semester. If not, they can take this class in the second semester if they turn 15 by May 1, 2026.** After that they can take it in summer school.

JHE MENTOR
Grades 11-12 ½ Credit One Semester
Prerequisite: Approval of school counselor

Students in this mentoring program will work with students at John Hustis Elementary. This is an excellent opportunity for high school students to serve as positive role models for our district's younger students.

JR. HIGH SCHOOL MENTOR
Grades 11-12 ½ Credit One Semester
Prerequisite: Approval of school counselor

Students in this mentoring program will work with students in the middle school. This is an excellent opportunity for high school students to serve as positive role models for our district's middle school students.

START COLLEGE NOW
Grades 11-12 Varies: One Semester
Other: - Start College Now guidelines apply
- Application deadlines apply
- Fall Semester March 1
- Spring Semester October 1

Any student meeting the eligibility requirements set forth by the state may participate in one or more courses at a Wisconsin technical college or institution of higher education. The guidelines established by the state and school board regarding Start College Now must be followed for students in this program. Possible approved courses would include those not comparable to those offered at Hustisford High School. Failure to drop the class on time or complete the class will result in the student pay the school district full restitution for the cost of the course and textbooks required.

YOUTH APPRENTICESHIP

Career and Technical Education

Grades 11-12 ½ Credit One Semester

- Enrollment in related CTE course & Administrative approval.
- Junior/Senior Standing.
- Positive attendance, academic, and behavior records.
- On track for graduation.

The Wisconsin Youth Apprenticeship program integrates school-based and local work-based learning. Participants must be enrolled in a related CTE course at the same time as the YA experience. A work-based mentor and a Youth Apprentice supervisor will work closely with the YA participant. Students must participate in grading reviews and observe school and company rules and requirements. After students successfully meet a requirement of 450 hours paid work experience and demonstrate proficiency in industry-established competencies, they will receive a recognized skills certificate of occupational proficiency from the State of Wisconsin. Summer work hours do count. Students who wish to be released early from school must be senior status, academic & behavior eligible, and obtain administrative approval.

Youth Apprenticeship - Work Release:

Elective Credit, Principal Approval for Grade 12

Only

Students in good standing with their Youth Apprenticeship placement may apply for work release. Students will only be allowed to miss two class periods at the beginning or end of the school day. All work release cases must complete the application that should be filled out by the student, their YA supervisor, cooperating teacher, school counselor, and school principal.

ONLINE COURSES

Online courses will meet in a class just like any other class. Students have the opportunity to take courses we are unable to offer in the district but they must be approved by the school counselor. These courses are for students who are self-guided and self-motivated. Student must receive recommendation by the School Counselor and/or teacher to participate in an online course.

NON-DISCRIMINATION POLICY

No person may be denied admission to any public school or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extra-curricular, pupil services, recreational, or other program or activity because of the person's sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability (Wisconsin Statute 118). Any complaints regarding possible discrimination should be reported to the District Administrator of the Hustisford School District, 845 South Lake Street, Hustisford, WI 53034

GRADUATION REQUIREMENTS

English	4.0 Credits	Health	0.5 Credit
Social Studies	3.0 Credits	Fiscal Literacy	0.5 Credit
Math	3.0 Credits	Careers	0.5 Credit
Science	3.0 Credits	Electives	9.5 Credits
Physical Education	2.0 Credits		Total = 26 Credits

COURSE OFFERINGS BY CATEGORY

(* Required Course; % Offered as Honors Course as well)

ENGLISH	4 Credits	MATH	3 Credits	SOCIAL STUDIES	3 Credits
English 9 * %	(1)	Pre-Algebra	(1)	US History *	(1)
English 10 * %	(1)	Algebra I	(1)	Int. Civics, Economics, Behavior Sciences*	(1)
English 11 * %	(1)	Geometry	(1)	World History*	(1)
Advanced Composition *	(.5)	Algebra II	(1)	<u>Social Studies Electives</u>	
Or Composition 12 *		Pre-Calculus	(1)	Contemporary Issues	(.5)
<u>English Electives</u>		AP Calculus AB	(1)	AP Psychology	(1)
Creative Writing	(.5)	Probability & Stats.	(1)	History of American Wars	(.5)
Contemporary Lit.	(.5)	MPTC College Math	(1)		
Dystopian Lit.	(.5)	MPTC Intermediate Algebra	(1)		
		Occupational Math 1	(.5)		
		Occupational Math 2	(.5)		
SCIENCE	3 Credits	FISCAL LITERACY*	0.5 Credit	ACP	0.5 Credit
Biology *	(1)	HS Careers *	(.5)	Personal Finance *	(.5)
<u>Science Electives</u>		PHYSICAL EDUCATION*	2 Credits	HEALTH	0.5 Credit
Physics	(1)	Physical Education	(.5)	Health 9 *	(.5)
Earth and Space Science	(1)	Strength and Conditioning	(.5)	Health 2	(.5)
Principles of sustainability	(.5)	Lifetime Recreation	(.5)	Medical Occupations	(.5)
Medical Terminology	(.5)	Team Sports	(.5)		
Human Anatomy and Physiology	(.5)				
Chemistry	(1)				

*One-half credit of Physical Education is required and permitted to take each school year.***ELECTIVES****9.5 Credits**

MUSIC	Credits	ART	Credits	FOREIGN LANGUAGE	Credits	BUSINESS EDUCATION	Credits
Band	(.5)	Drawing	(.5)	Spanish I	(1)	Personal Finance *	(.5)
Chorus	(.5)	Painting	(.5)	Spanish II	(1)	HS Careers *	(.5)
		Advanced Painting	(.5)	Spanish III	(1)	Computer Literacy	(.5)
		Ceramics 1	(.5)	Spanish IV / V		Computer Programming	(.5)
		Ceramics 2	(.5)	Literatura y Cultura	(.5)	Web Page Design	(.5)
		2D Mixed Media	(.5)	Historia y Cultura A	(.5)	Introduction to Business	(.5)
		3D Mixed Media	(.5)	Historia y Cultura B	(.5)	Marketing Management	(.5)
		Printmaking	(.5)	Geografia y Cultura	(.5)	Entrepreneurship	(.5)
				La Gente y Cultura	(.5)		
				The Spanish Speaking World	(.5)		
TECHNOLOGY EDUCATION	Credits	AGRICULTURE	Credits	OTHER	Credits		
Woods Technology	(.5)	Animal Science	(.5)	College 101	(.5)		
Metals Welding	(.5)	Animal Production	(.5)	Pers. Skills for the Workplace	(.5)		
		Food Science	(.5)	Team Building and Problem Solving	(.5)		
		Plant Science	(.5)	Drivers Education	(.5)		
		Vet Science	(.5)	JHE Mentor	(.5)		
		Agronomy and Floriculture	(.5)	Jr. High Mentor	(.5)		
		Ag Communications & Issues	(.5)	Start College Now	Varies		
		GoWild DNR Safety	(.5)	Youth Apprenticeship	(.5)		

OTHER REQUIREMENTS

- Students must carry a minimum of seven courses each semester unless approved by the building principal.
- Students must complete a Senior Project to graduate from Hustisford High School.

HONORS DIPLOMA

Students meeting the following requirements are eligible to receive an honors diploma:

1. 28 credits
2. Minimum 3.5 cumulative GPA
3. 5 AP/Honors credits
4. Minimum 3.0 GPA for each semester of the senior year
5. No failing quarter or semester grades during the senior year
6. Thirty (30) hours of documented pre-approved community service outside of school during the student's junior and senior years. Senior Project hours can be included

Substitution of any required courses in order to accommodate students with exceptional education interest, needs, or requirements, or who are classified "at-risk" will need administrative approval and become a part of the student's permanent records.

HUSTISFORD HIGH SCHOOL: FOUR YEAR SCHEDULE SAMPLE

Freshman Year

English 9	1.0
US History	1.0
Biology / Integrated Physics/Chemistry	1.0
Algebra I or Geometry or Pre-Algebra	1.0
Physical Education	0.5
Health	0.5
HS Careers	0.5
<i>Elective</i>	0.5
<i>Elective</i>	1.0
<i>Elective or Study Hall</i>	

Sophomore Year

English 10	1.0
Integrated Civics, Econ, Behavioral Sciences	1.0
Biology / Integrated Physics/Chemistry	1.0
Geometry or Algebra II or Alg. 1	1.0
Physical Education	0.5
<i>Elective</i>	0.5
<i>Elective</i>	1.0
<i>Elective</i>	1.0
<i>Elective or Study Hall</i>	

Junior Year

English 11	1.0
World History	1.0
Science <i>Elective</i>	1.0
Algebra II or Pre-Calculus or Geometry	1.0
Physical Education	0.5
<i>Elective</i>	0.5
<i>Elective</i>	1.0
<i>Elective</i>	1.0
<i>Elective or Study Hall</i>	

Senior Year

Advanced Composition or Composition 12	0.5
English Elective	0.5
Physical Education	0.5
Fiscal Literacy	0.5
<i>Elective</i>	1.0
<i>Elective</i>	1.0
<i>Elective</i>	1.0
<i>Elective</i>	1.0
<i>Elective</i>	1.0

COLLEGE ADMISSION REQUIREMENTS

UW - MADISON	Minimum for Application	Typical for Admission
English	4 years	4+ years
Algebra	1	1
Geometry	1	1
Advanced Math	1	2+
Social Studies	3	4
Science	3	4
Single Foreign Language	2	3+
Additional Academic/Fine Arts	2	2+
Total Units	17	21+

UW - MILWAUKEE	Minimum for Application
English	4 years
Algebra	1
Geometry	1
Advanced Math	1
Social Studies	3
Science	3
College Prep Electives (including Foreign Language)	2
Additional Academic/Fine Arts	2
Total Units	17
Note: Foreign language is not an admission requirement. However, you are required to complete no less than two college semesters of the same foreign language to graduate from UWM. You may satisfy this requirement by successfully completing two years of the same language at the high school level.	

College Entrance Examinations (ACT & SAT)

Some universities and technical colleges may require certain a minimum score on the ACT or SAT. For more information on which schools require which tests, see the school counselor. The ACT is taken during the second semester of the junior year in March.

Jr. / Sr. High School Grading Scale

Grading Scale	
A	92.5 - 100
A-	89.5 - 92.49
B+	87.5 - 89.49
B	82.5 - 87.49
B-	79.5 - 82.49
C+	77.5 - 79.49
C	72.5 - 77.49
C-	69.5 - 72.49
D+	67.5 - 69.49
D	62.5 - 67.49
D-	59.5 - 62.49
F	Below 59.5

NON-DISCRIMINATION POLICY

No person may be denied admission to any public school or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extra-curricular, pupil services, recreational, or other program or activity because of the person's sex, race, religion, color, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability (Wisconsin Statute 118). Any complaints regarding possible discrimination should be reported to the District Administrator of the Hustisford School District, 845 South Lake Street, Hustisford, WI 53034.

The Hustisford School District is an Equal Opportunity Employer