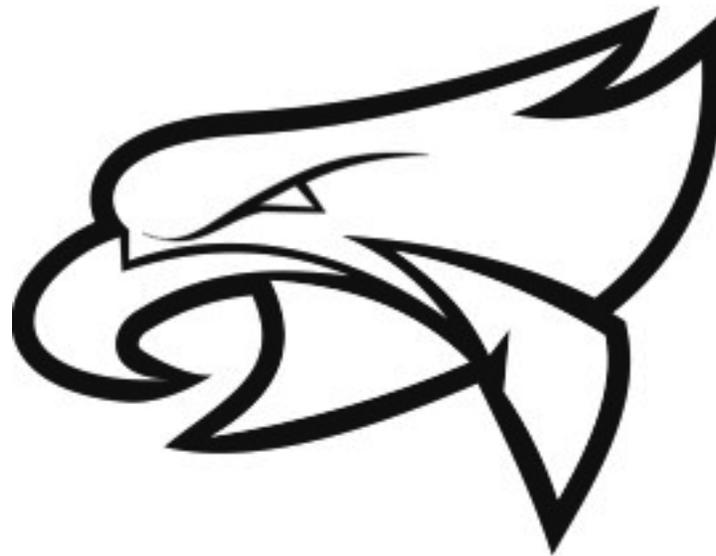


**COURSE OFFERING
GUIDE
2018-19**



**Hudsonville High School
Hudsonville, Michigan**

February 2018

Dear Student;

The Course Offering Guide has been compiled to assist you in selecting an appropriate course of study. The guide offers a brief description of every course in the high school curriculum. We strongly recommend that you discuss your selections with the teachers who know you best, your guidance counselor, and of course your parents.

When creating or updating your Educational Development Plan (EDP), please keep in mind the graduation requirements, which are also explained in this guide. Careful selection of classes is important in developing and completing your four-year plan. **It is extremely difficult, and in some cases impossible, to make changes in your selections after the schedules are finalized.**

Respectfully,

Dave Feenstra
Principal

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MISSION STATEMENT

Together at Hudsonville High School we will ensure a quality, learning environment where all students will have the opportunity to develop skills to be contributing members of society.

Course Offering Guide

This Course Offering Guide is intended to provide both parent and student the necessary information concerning course planning, course selection, graduation requirements and other facts important in planning your future. Careful planning by the student coupled with knowledgeable direction of experienced teachers and school counselors has a positive effect on academic success.

Please read this information carefully. If you have any questions regarding course content and sequence, subject prerequisites, graduation requirements, post secondary planning or scheduling, do not hesitate to contact the High School Guidance office at 669-1500 or the Freshman Campus at 669-1510.

Scheduling Policies

1. All students must be scheduled into 5 classes per trimester. For seniors, the 5 classes may include Work-Based Learning or Dual Enrollment in a college course.
2. If a student chooses to repeat a course that they have previously passed, the student will receive credit for the course one time only. The grade for the course taken the second time will be calculated into the G.P.A.

Check course descriptions for information on courses that can be repeated for credit.

3. Student schedules may be changed beginning the week before the new trimester through the third day of the trimester. After that time students are not allowed to drop or withdraw from a class. If a student is removed from a class, that student will receive an “E” for the trimester. Schedule changes may require a completed schedule change request form.
4. No student may drop a 3-trimester course at the trimester unless they have approval from parents/guardians and the course instructor or the principal.
5. **Teacher request forms must be submitted to the Guidance Office by May 1.**

Class Standing Credits Needed

Freshman	0 - 6
Sophomore	6.5 - 13
Junior	13.5 - 20
Senior	20.5 and above

Hudsonville High School Extracurricular Opportunities

Fall Sports:

Boys Football - Varsity, JV, Freshmen
Girls Golf – Varsity, JV
Boys Soccer – Varsity, JV, Freshmen
Boys Water Polo – Varsity, JV
Boys & Girls Cross Country – Varsity, JV
Boys Tennis – Varsity, JV
Girls Swimming & Diving – Varsity
Girls Volleyball – Varsity, JV, Freshmen
Girls Sideline Cheer – Varsity, JV, Freshmen

Other Opportunities:

Vantage Point
Pioneer Staff
Student Council
Summer Science
Tutoring
Raise Your Voice
Class Officers
NHS (National Honor Society)
YAC (Youth Advisory Council)
Special Olympics
We the People
Equestrian
School Store
Renaissance Crew
Pep Band
Robotics Club

Winter Sports:

Boys Swimming & Diving–Varsity
Wrestling – Varsity, JV
Boys Basketball – Varsity, JV, Freshmen
Girls Basketball – Varsity, JV, Freshmen
Competitive Cheer-Varsity, JV, Freshmen
Girls Bowling – Varsity
Boys Bowling – Varsity
Ice Hockey – Varsity

Performing Opportunities:

Band
Orchestra
Choir
Talent Show
Music Revue
School Plays/Musical
Color Guard/Winter Guard

Spring Sports:

Boys Baseball–Varsity, JV, Freshmen
Girls Tennis – Varsity, JV
Boys & Girls Track – Varsity
Boys Golf – Varsity, JV
Girls Softball – Varsity, JV, Freshmen
Girls Soccer – Varsity, JV, Freshmen
Girls Water Polo – Varsity, JV
Boys Lacrosse – Varsity, JV
Girls Lacrosse – Varsity, JV

Clubs:

Chess Club
Ski Club
SLIC (Student Leaders Initiating Change)
Dance Team
Green Team
Drama Club
Science Olympiad
JSA (Junior Statesmen of America)
and other various student led organizations

HHS Graduation Requirements Michigan Merit Curriculum (MMC)

Total credits possible: **30**

Credits required for Graduation: **28**

Courses Required For Graduation

English – 4 Credits

- 9th – English 1
- 10th – English 2 Comp/English 2 Lit.
- 11th /12th English Choices (2 credits)
 - .5 Literature
 - .5 Writing
 - .5 Literature or Writing
 - .5 Any English

Math – 4 Credits

- 9th – Algebra I (A&B)
- 10th – Geometry (A&B)
- 11th – Algebra II or Technical Algebra II
- 12th – Senior Math/Math Related

Science – 3 Credits

- 9th – Earth Science
- 10th – Biology
- 11th – Chemistry 1 or Chemistry Concepts
and
Physics 1 or Physics Concepts

Social Studies – 3 Credits

- 9th – World History & Geography
- 10th – U.S. History
- 11th/12th – Economics (.5 credit)
- 11th/12th – Government (.5 credit)

PE/Health – 1 Credit

World Language - 2 Credits

- (2 credits in the same language)
- (1 credit taken in Middle School)

Visual/Performing Arts - 1 Credit

Additional Graduation Requirements

1. Twelve trimesters of attendance are required for graduation.
2. Students must complete the entire MME in order to graduate.
3. To receive a diploma, a student must have full-time status for one year prior to graduation. Waivers may be granted for extenuating circumstances.
4. For a student to graduate with honors, he/she must have completed a minimum of six credit hours in the core curriculum from Hudsonville High School.
5. Transfer students from non-accredited institutions may be required to pass competency exams, at the discretion of the administration, to be eligible for a diploma.

Personal Curriculum

A Personal Curriculum (PC) is a documented process that modifies certain requirements of the Michigan Merit Curriculum (MMC), which must be met for the awarding of a high school diploma in Michigan. A Personal Curriculum must be requested on an individual basis, and must meet certain conditions to be approved.

A PC is intended for high school students seeking a diploma who:

- Wish to modify the mathematics requirement
- Wish to go beyond the academic credit requirements by adding more math, science, English language arts, or foreign language credits
- Need other modifications of MMC requirements due to the impact of their special education disabilities

To request a Personal Curriculum, contact your student's school counselor.

Other MMC Modifications

On June 25, 2014, Governor Snyder signed into law Public Act 208 and 209 of 2014, which allows for greater flexibility for Michigan high school students working toward the accomplishment of the Michigan Merit Curriculum (MMC).

- **Physical Education:** A student may fulfill the .5 PE credit through approved participation in extra curricular athletics or other extracurricular activities involving a minimum of 60 hours of physical activity.
- **World Language:** Any student may partially or fully fulfill the second foreign language credit through completion of an approved formal CTE program or by completing additional visual/performing arts coursework. A student can meet the foreign language requirement before high school (8th grade).

To request a MMC modification, fill out a MMC modification form, found in the high school guidance office.

Testing Out Information

A student may earn credit in a course by “testing out.” A student “tests out” by earning a qualifying score on the assessments developed for the subject area.

To be eligible to “test out” of a class for the upcoming school year, a student must complete a Testing Out Application during the time specified by the building principal. Applications will be due to the main office by May 1 of each year.

1. “Testing out” will not apply to the senior year math requirement.
2. No grades may be earned by testing out of a course: credit will be granted to those who pass.
3. Credits earned through this provision will be counted towards graduation credit requirements.
4. Credits earned through this provision will count towards fulfillment of a requirement for a subject area and will be counted toward fulfillment of a requirement as to course sequence.
5. A refundable \$25 deposit will be required for the test and preparation materials. This deposit will be refunded after completing the test and returning all materials.
6. Many colleges do not recognize testing out credit. Please check with your college(s) of interest as to their individual policies.

Post Secondary Information

If you are looking at attending a college, university, vocational, or technical school after Hudsonville High School, you should keep the information on this page in mind.

1. To get a complete picture of any college or university, consult the individual college catalog or web site and make a campus visit.
2. Work with your counselor. He or she will be glad to answer any questions that you might have or be able to find out the answer to any questions.
3. Colleges base their admission's decisions on six factors: course selection, class rank, G.P.A. (both overall high school and academic G.P.A. computed by the college), test scores (ACT, SAT), grade trends going up or down, and special circumstances.
4. Make the best use of courses that are offered at Hudsonville High School. By completing the core courses recommended by the President's Council of Michigan's Public Universities, you will increase your chance of future success.

Inside the Core

Completing the core courses recommended by the Presidents Council will increase your odds for future success, whether you are going on to college or entering the workforce. Studies show that all graduates need comparable skills to college bound students to be ready for entry level jobs that pay a sufficient wage and have potential for career advancement. But what will you learn? Here's the inside scoop.

Math

More than any other subject, colleges will pay special attention to how high you go in math when deciding whether to enroll you and whether to admit you to the many college programs that require strong math skills. Higher math skills will also give you far more job options in fields ranging from manufacturing to business, and science to technology.

Go as high as you can on the recommended course list. If you can take extra math courses beyond the core list, go for it. The most useful would likely be an introduction to probability and statistics.

You should also take math every year. Those who skip a year or slack off as seniors get rusty. Most will have to pay to redo high school math in college without even getting credit for it.

Science

A good understanding of science will not only help you better understand how things work, it will open the doors to jobs in engineering, technology and health care.

Four years of science will better prepare you for college level work. Each one adds value; students who stopped taking science after Biology and Chemistry scored much lower on the ACT college entrance exams than those who also took Physics. Look for yearlong courses that will help you develop greater mastery in a subject.

English

Success in college requires the ability to read and listen critically and to express your own ideas in writing and in speech. It's also fundamental to most careers. Take English all four years. Students who skip it senior year often have to make it up when they get to college. Reading critically includes the ability to recognize an author's assumptions, intentions and message. You should learn to use critical reading skills with a wide variety of literature-both fiction and non-fiction from different cultural perspectives and in different formats: from novels to essays to instructional texts and beyond. You should also learn to evaluate the credibility of Internet, media and other research sources.

Writing clearly is just as important. You should learn to master spelling, grammar and sentence structure to convey your thoughts accurately. College courses will include lots of writing. Prepare now by taking courses and doing projects that give you plenty of practice with the writing process. That includes collecting and organizing information, developing a thesis, and preparing an outline of what you want to say. It also includes writing multiple drafts of a paper, editing, reorganizing and rewriting your work. Like exercise, the more you do and the better coaching you get, the stronger you will grow. These communication skills are also important in the way you listen and speak. By training yourself to listen carefully, to ask critical questions and to take well-organized notes, you'll be able to learn and do more. Similarly, by learning to express your ideas concisely you'll gain more influence and clearer relationships.

Social Studies

History and the social sciences will give you new ways of understanding your world. You'll learn how past events influence the present and see how different cultures have contributed to our world. You'll also learn how political, economic and social conditions relate to each other, and how to participate in a democracy.

Foreign Language

Language shapes the way people think and see the world. By studying a language other than English, you'll gain a better understanding of different world-views and a fresh perspective on American language and culture. In a global economy, you'll also pick up a skill that can open more jobs and promotions to you.

More colleges are requiring proficiency in a foreign language as a requirement for earning a degree. That's why you should aim for mastery in one foreign language rather than dabbling in several. Study extra hard and you may even test out of your college's requirement. Experiencing another culture first hand is another good way to address this goal.

Other Ideas

Beyond the core courses, the Presidents Council encourages you to use additional time to take courses or get experience in the arts and information technology. The fine and performing arts will not only give you new ways to express yourself and to enjoy life, they will also teach you more about the creative process, which will fuel your pursuit of other subjects. Knowing information technology is now a standard expectation at colleges where students use computers regularly for tasks such as word processing, spreadsheets, and Internet research.

Hudsonville High School



Skills4Success Scoring Rubric

EXPECTATION	Highly Effective 4	Effective 3	Minimally Effective 2	Ineffective 1
<p><u>Attendance</u> U/S/L = unexcused absences</p>	<p><i>Student exceeds expectations and serves as an example for others.</i></p> <p>0–2 excused absences, and 0 U/S/L absences</p>	<p><i>Student consistently meets expectations.</i></p> <p>3–5 excused absences, and 0 U/S/L absences</p>	<p><i>Student inconsistently meets expectations.</i></p> <p>6–10 excused absences or 1–3 U/S/L absences</p>	<p><i>Student displays little or no evidence and/or distracts from the learning environment.</i></p> <p>11 or more excused absences or 4 or more U/S/L absences</p>
<p><u>Punctuality</u></p>	<p><i>Student exceeds expectations and serves as an example for others.</i></p> <p>0 tardies</p>	<p><i>Student consistently meets expectations.</i></p> <p>1–2 tardies</p>	<p><i>Student inconsistently meets expectations.</i></p> <p>3–5 tardies</p>	<p><i>Student displays little or no evidence and/or distracts from the learning environment.</i></p> <p>6 or more tardies</p>
<p><u>Personal Accountability</u> The student (1) completes work with genuine effort, (2) meets deadlines, (3) displays behaviors that contribute to the classroom learning environment, and (4) is on task and attentive.</p>	<p><i>Student exceeds expectations and serves as an example for others.</i></p>	<p><i>Student consistently meets expectations.</i></p>	<p><i>Student inconsistently meets expectations.</i></p>	<p><i>Student displays little or no evidence and/or distracts from the learning environment.</i></p>
<p><u>Collaboration</u> The student (1) engages in classroom activities, (2) works effectively with others and contributes productively as a member of a group, and (3) promotes conflict resolution.</p>	<p><i>Student exceeds expectations and serves as an example for others.</i></p>	<p><i>Student consistently meets expectations.</i></p>	<p><i>Student inconsistently meets expectations.</i></p>	<p><i>Student displays little or no evidence and/or distracts from the learning environment.</i></p>
<p><u>Communication</u> The student clearly and effectively communicates orally, in writing, and nonverbally through (1) effective and appropriate use of media and language for his/her message, (2) courteous listening and respect for others' opinions, and (3) the use of communication to build positive relationships with others.</p>	<p><i>Student exceeds expectations and serves as an example for others.</i></p>	<p><i>Student consistently meets expectations.</i></p>	<p><i>Student inconsistently meets expectations.</i></p>	<p><i>Student displays little or no evidence and/or distracts from the learning environment.</i></p>

COLLEGE/UNIVERSITY ATHLETIC ELIGIBILITY

NCAA ATHLETIC ELIGIBILITY

If you want to practice and play your freshmen year at a Division I or II college, you must satisfy the requirements of NCAA Bylaw 14.3, commonly known as Proposition 48, and register with the NCAA Initial-Eligibility Clearinghouse. More information can be found at www.eligibilitycenter.org

In Order to be considered a “full qualifier” at a Division 1 college, students/athletes are required to:

- Graduate from high school
- Successfully complete a core curriculum of at least 16 core courses including: four years of English; three in math (Algebra 1 or higher); two in social science; two in natural or physical science (including one laboratory class); one additional course in English, math or science; and four additional core courses (from any area listed above, or from foreign language).
- Have a grade point average (minimum 2.300 GPA in core courses) and a combined score on the SAT verbal and math sections or a sum score on the ACT based on the NCAA Division I sliding scale core GPA/test score index, found on the eligibility center website.
- Must complete 10 core courses before the senior year.

To be eligible for a Division II, students/athletes must:

- Graduate from high school
- Have a 2.00 G.P.A. based on a core curriculum of 16 academic courses including: three years of English; two in math; two in social sciences; two in natural or physical science; three additional courses in English, math or science; and four additional academic courses, which may be taken from the already-mentioned categories or foreign language. After August 1, 2018, the GPA becomes 2.2.
- Have a combined score of 820 on the SAT verbal and math sections or a sum score of 68 on the ACT. After August 1, 2018, it moves to a sliding scale found on the eligibility center website.
- Edgenuity courses do NOT count for NCAA Eligibility.

Students enrolling at a NCAA Division I or II institution, for the first time, need to complete the amateurism questionnaire through the Eligibility Center Website. Students need to request final Amateurism certification prior to enrollment.

NAIA ATHLETIC ELIGIBILITY

If you want to practice and play your freshmen year at a NAIA school (Davenport, Cornerstone, Aquinas, etc.) you must meet the following qualifications:

- Graduate from high school, **plus two out of the three next requirements.**
- Minimum of 18 on the ACT or 940 on SAT (Evidence based Reading, Writing & Math)
- Have a grade point average of 2.0 or above
- Graduate in the top half of their class

Students must register with the NAIA Eligibility Center at www.playnaia.org.

Course Offerings

+Counts Toward Visual/Performing Arts Credit

- *Application teacher/counselor Approval or Audition Required
- ** NCAA Approved Course

Art Dept.

- +Art I (9-12)
- +Digital Photography (9-12)
- +2-Dimensional Design (9-12)
- +3-Dimensional Design (9-12)
- +Practical Applications of Art (9-12)
- +Art II A (Drawing) (10-12)
- +Art II B (Painting) (10-12)
- +Art III A (11-12)
- +Art III B (11-12)

Business Dept.

- Accounting A & B & C (9-12)
- Bus. Mgmt. Entrepreneurship A & B (11-12)
- Business Technology (9-12)
- Computer Applications (9-12)
- Intro. To Programming (10-12)
- **AP Computer Science Prin. (10-12)
- +3D Modeling/APP Creation (10-12)
- +Game Design (10-12)
- Consumer Rights & You (10-12)
- Financial Mgmt. & Investing A&B (10-12)
- Financial Mgmt. & Invest.A&B (Blended) (10-12)
- +Graphic Design (9-12)
- +Media Design (10-12)
- Microsoft Excel-Spreadsheets (9-12)
- Microsoft Word (9-12)
- + Presentation Graphics (9-12)
- *School Store Management (12)
- Sports & Entertainment Mkt. A & B (10-12)
- +Web Design A (9-12)
- +Web Design B (9-12)

English Dept.

- **AP English Literature (11-12)
- **AP English Language (11-12)
- **College Writing (11-12)
- **Creative Writing (11-12)
- **Debate (11-12)
- +Drama I (9-12)
- +Drama 2 (10-12)
- +Drama 3 (11-12)
- **English I (9)
- **English 2 Comp. (9-10)
- **English 2 Literature (9-10)
- **Literature and Society (11-12)

- **21st Century Writing (10-12)
- **21st Century Literacy (11-12)
- **Foundations of Literature (10-12)
- **Foundations of Writing (10-12)
- +*Journalism-Newspaper (10-12)
- +*Journalism-Yearbook (10-12)
- Introduction to Creative Writing (9-12)
- Media Analysis (10-12)
- **Speech (10-12)
- +Telecommunications I (9-12)
- +Telecommunications 2 (10-12)
- **World Literature (11-12)

Family & Consumer Science Dept.

- Personal Finance (10-12)
- Foods & Nutrition (9-12)
- +Advanced Foods (9-12)
- Personal Health (9-12)
- Family Health (11-12)
- Child Development (10-12)
- Early Childhood Education (10-12)
- +Housing & Interiors (10-12)

Math Dept.

- ** Algebra 1 (9-10)
- **Geometry (9-10)
- **Algebra II (9-12)
- **Precalculus (10-12)
- **AP Calculus AB (11-12)
- **AP Calculus BC (11-12)
- **Statistics (10-12)
- **AP Statistics (10-12)
- *Technical Algebra II (10-12)

Music Dept.

- +Concert Band B (9-12)
- +Concert Band A (10-12)
- +*Symphony Band (10-12)
- +*Wind Symphony (10-12)
- +*Jazz Band (10-12)
- +*Marching Band (9-12)
- +*Chamber Orchestra (10-12)
- +*Concert Orchestra (9-12)
- +*Symphony Orchestra (10-12)
- +*Chamber Choir
- + Choral Ensemble (9-12)
- +* Varsity Voices (10-12)
- +*Treble Choir (10-12) (Women)

Physical Education and Health Dept.

- PE/Health A (9-12)
- PE/Health B (9-12)
- Health (9-12)
- Competitive Sports (9-12)
- Weight Training (9-12)
- Power Lifting (10-12)
- Body & Mind (9-12)
- Lifeguarding (9-12)
- Peak Performance (9-12)
- Adapted PE (9-12)

Science Dept.

- **Earth Science (9)
- **Biology (10)
- **Anatomy & Physiology (11-12)
- **Chemistry 1 & 2 (10-12)
- **Chemistry Concepts (10-12)
- **Geology (11-12)
- **Physics 1 & 2 (10-12)
- **Physics Concepts (10-12)
- Botany (10-12)
- **AP Biology (12)
- **AP Chemistry (11-12)
- **AP Physics (11-12)
- **AP Environmental Science (10-12)
- *Summer Science Institute

Social Studies Dept.

- **World History & Geography (9)
- ** U.S. History A & B (10)
- U.S. History C (9-12)
- **Government (11-12)
- **Economics (11-12)
- **Current Events: Making History (9-12)
- **Early World History (9-12)
- **Psychology (11-12)
- **Sociology (11-12)
- **AP U.S. History (10-12)
- **AP Government (11-12)
- **AP Psychology (11-12)
- **AP Macroeconomics (10-12)

Vocational Education

- +Basic Drafting A & B (9-12)
- +Architectural Drafting IA (10-12)
- +Architectural Drafting IB (10-12)
- +Architectural Drafting IC (10-12)
- +Ind. Study Arch. Drafting II (11-12)
- +Engineering Drafting IA (10-12)
- +Engineering Drafting IB (10-12)
- +Ind. Study Eng. Drafting II (11-12)
- +Basic Woodworking A & B (9-12)
- +Adv. Woodworking I A & B (10-12)
- +Advanced Woodworking II (10-12)

World Language

- Exploring Chinese Culture (9-12)
- Exploring German Culture (9-12)
- Exploring Hispanic Culture (9-12)
- **Mandarin Chinese I (9-12)
- **Mandarin Chinese II (9-12)
- **Mandarin Chinese III (9-12)
- **Mandarin Chinese IV (9-12)
- **German I (9-12)
- **German II (9-12)
- **German III (10-12)
- **German IV (11-12)
- **AP German (12)
- **Spanish I (9-12)
- **Spanish II (9-12)
- **Spanish III (10-12)
- **Spanish IV (11-12)
- **AP Spanish (12)

Specialized Areas of Study

- *Edgenuity/Online Credit Recovery
- *Work-Based Learning (12)
- *Independent Study (10-12)
- *Dual Enrollment (10-12)
- SAT Prep (11)
- *LINKS (11-12)
- Leadership Academy (11-12)
- *Careerline Tech Center (11-1)

Art Department

Art I (Level 1)

Prerequisite: None

Class Fee: Based on extra supplies

Grade(s): 9-12

Trimesters: 1

Credit: .5

Art I is a general art course teaching the art basics such as composition, perspective, color, design, portraiture, and figure drawing. The art elements are introduced and explored. The course acquaints students with the creative, experimental spirit of the artistic experience, and also helps them to appreciate art in everyday life. Concentration is on drawing, but some painting and use of other media are also explored. A requirement of this class is a weekly sketchbook assignment. This course is designed for students that plan on continuing to the advanced art courses.

2-Dimensional Design (Level 1)

Prerequisite: None

Class Fee: Based on extra supplies

Grade(s): 9-12

Trimesters: 1

Credit: .5

In 2-Dimensional Design you will explore various 2-D design problems that will focus on creatively applying learned skills to represent shape and form on a 2-D surface. Solutions for problems presented are based on the understanding of art elements and principles. You will be introduced to a variety of art media and learn how to make a complete composition on a two-dimensional surface.

3-Dimensional Design (Level 1)

Prerequisite: None

Class Fee: Based on extra supplies

Grade(s): 9-12

Trimesters: 1

Credit: .5

This is a beginning level course designed to give students experience working with and designing three-dimensional works of art. Students will gain hands-on experience working with a variety of materials in the areas of ceramics and sculpture. Emphasis is on concepts, methods, processes and skills, which are necessary to develop three-dimensional designs. Solutions for problems presented are based on examination and understanding of the art elements and art principles.

Practical Applications of Art

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

Practical Applications of Art is a hands-on course designed to give students opportunities to develop skills in a variety of craft techniques. Students will learn about the art and craft of various cultures while creating works of art. Students will get to experience working with a variety of different mediums, in the areas of repurposing materials, working with fibers, and other forms of crafts. We will explore the business side of showing and selling their artwork.

Digital Photography (Level 1)

Prerequisite: None

Class Fee: Based on extra supplies

Grade(s): 9-12

Trimesters: 1

Credit: .5

This course is an exploration of digital photography, digital image-editing and photographic techniques. Throughout the course, students will work on a variety of digital photographic projects with the use of Photoshop and a digital camera. Students are not required to have their own digital camera, but they may use their own.

Art II A (Drawing) (Level 2)

Prerequisite: Art I

Class Fee: Based on extra supplies

Grade(s): 10-12

Trimesters: 1

Credit: .5

Art II A will continue exploration of the elements of art and principles of design, exploring drawing techniques and solutions to visual problems. Students will work in a variety of drawing media, such as graphite, pen and ink, marker, colored pencil, and charcoal. Learning in the areas of current art movements, art history, and critical thinking will continue to help students work towards required outcomes and goals. A requirement of this class will be a weekly sketchbook assignment.

Art II B (Painting) (Level 2)

Prerequisite: Art I

Class Fee: Based on extra supplies

Grade(s): 10-12

Trimesters: 1

Credit: .5

Art II B will continue exploration of the elements of art and principles of design, exploring painting techniques and solutions to visual problems. Students will work in a variety of media including oil pastel, watercolor, tempera, acrylic and mixed media. Learning in the areas of current art movements, art history, and critical thinking will continue to help students work towards required outcomes and goals. A requirement of this class is a weekly sketchbook assignment.

Art III (A) (Level 3)

Prerequisite: Must have taken both Art II classes with a C+ or better, or teacher permission

Class Fee: Based on extra supplies

Grade(s): 11-12

Trimesters: 1

Credit: .5

This is an advanced art course for motivated juniors and seniors who have had success with level 1 and level 2 art courses. Students are required to respond in depth to 2-dimensional and 3-dimensional art problems. Emphasis is on advanced drawing and painting, but printing, sculpture, and ceramics are included. Students in this course will explore compositional problems, techniques, art themes, schools of art or “isms” (Impressionism, Cubism, Photo-Realism, etc.), specific artists, current trends, and individual expression. A requirement for this class is a weekly sketchbook assignment.

Art III (B) (Level 3)

Prerequisite: Must have taken both Art II classes with a C+ or better, or teacher permission

Class Fee: Based on extra supplies

Grade(s): 11-12

Trimesters: 1

Credit: .5

This is an advanced art course for motivated juniors and seniors who have had success with level 1 and level 2 art courses. Students are required to respond in depth to 2-dimensional and 3-dimensional art problems. Emphasis is on advanced drawing and painting, but printing, sculpture, and ceramics are included. Students in this course will explore compositional problems, techniques, art themes, schools of art or “isms” (others not covered in Art IIIA), specific artists, current trends, and individual expression. A requirement for this class is a weekly sketchbook assignment.

Business Department

BUSINESS COURSES THAT CAN BE ARTICULATED FOR COLLEGE CREDIT

Students must earn a "B" or better in their high school business class to articulate college credit.

See your counselor or business teacher for more information.

HUDSONVILLE HIGH SCHOOL COURSE NAME	DAVENPORT UNIVERSITY (COURSE AND CREDIT HOURS AWARDED)	BAKER COLLEGE (COURSE AND CREDIT HOURS AWARDED)	GRAND RAPIDS COMMUNITY COLLEGE (COURSE AND CREDIT HOURS AWARDED)
ACCOUNTING A,B,C	ACCT201 Accounting Foundations I (4 credits)	ACC101 Principles of Accounting (4 credits)	BA156 Accounting Fundamentals (3 credits)
BUSINESS MANAGEMENT	BUSN120 Introduction to Business (3 credits)	MGT101 Intro to Business (3 credits)	
BUSINESS TECHNOLOGY	CISP101 Technology Essentials (3credits)	WPG122 Introduction to Document Processing (3 credits)	CO101 Intro to Computer Apps (2 credits)
COMPUTER APPLICATIONS	BITS101 Computer Essentials (3 credits)	WPG123 Intermediate Document Processing (3 credits)	BA133 Business Word Processing (2 credits)
PRESENTATION GRAPICS	BITS209 Dynamic Presentations (1 credit)	INF141A PowerPoint (3 credits)	
MICROSOFT EXCEL	BITS211 Microcomputer Applications SS (3 credits)	INF113 Electronic Spreadsheets (3 credits)	CO156 Excel (2 credits)
MICROSOFT WORD	BITS214 Microcomputer Applications WP (3 credits)	INF 112 Word Processing (3 credits)	CO155 Word (2 credits)
GRAPHIC DESIGN	BITS213 Microcomputer Applications DP (3 credits)	GRC 121 Intro to Desktop Publishing (3 credits)	CO162 Intro to Desktop Publishing (2 credits)
WEB DESIGN A & B	CISP220 Web Page Applications (3 credits)	INF131 Internet & WWW (3 credits)	CO146 Web Design Fundamentals (3 credits)
INTRO TO PROGRAMMING	CISP237 JAVA Programming (3 credits)		CO116 Intro to Computer Programming (2 credits)
CONSUMER RIGHTS AND YOU	LEGL210 Business Law Foundations (3 credits)		
SPORTS AND ENTERTAINMENT MARKETING	MKTG211 Marketing Foundations (3 credits)		

HOMEWORK CODE

This code has been established to give you a better understanding of the amount of homework required for each course within the Business Department.

HC = Homework Code

3 - Homework 3-5 times per week

2 - Homework 1-2 times per week

1 - Limited to No Homework

PB - Project Based

Accounting

Prerequisite: None

Grade(s): 9-12

Trimesters: 2 or 3 – 3RD Trimester is optional

Credit: .5 per trimester

Accounting is designed for any 9th – 12th grade student wishing to pursue a degree in business or enter the workforce directly from high school. This class provides an overview of manual accounting systems for sole proprietorships and corporations, as well as Peach Tree and QuickBooks computerized accounting. Web based software and virtual simulations will be used to help students gain an understanding of how accounting is used in the operation of various businesses. This is a two-trimester course (A and B). The third trimester is recommended but optional.

This class (A and B) meets the senior year math or math related graduation requirement.

HC-1

Business Management/Entrepreneurship

Prerequisite: None

Grade(s): 11-12

Trimesters: 2

Credit: 1

Business Management/Entrepreneurship will allow students to explore and put into action some of the techniques and strategies that managers face everyday. The course will focus on the different aspects of management (financial, personal, ownership, information, production and marketing, and human resources). We will also take a look at what makes up a productive and successful business. We will work on students' leadership skills and present them with decisions they may face. We also prepare a business plan for a company you are interested in starting.

HC-1 & PB

Business Technology

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

Business Technology is an entry-level course. We will focus on using proper keyboarding techniques to improve individual speed and accuracy. The goal will be to not only become a proficient keyboarder, but to also improve editing skills. Students will learn to format personal communication, reports (including footnotes and endnotes), business letters, memorandums, and tables and learn the advanced capabilities of Microsoft Word. This course is articulated for college credit.

HC-1 & PB

Computer Applications

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

Computer Applications is an entry-level course. We spend time exploring and learning various computer applications such as: Microsoft Office (Word, Excel, PowerPoint), Adobe PhotoShop, Adobe InDesign and others. We also practice coding. The class will reinforce proper keyboarding techniques; improve speed and accuracy along with building technical language and writing skills. Students will be able to apply their learned technology skills in real life projects. This course is articulated for college credit.

HC-1 & PB

AP Computer Science Principles (AP CSP)

Prerequisite: Algebra IA

Grade(s): 10-12

Trimesters: 3

Credit: 1.5

This is not a programming class!! This class covers five main topics: the Internet, Digital Information, Programming, Big Data and Privacy, and App Creation. It is a hands-on project based class where students will learn about current topics in Computer Science. Forty percent of the AP grade is made up of two performance tasks (14% Explore task and 26% Create Task), which are done in class and turned in ahead of the test.

**NCAA Approved Course

Consumer Rights and You

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: .5

Have you ever downloaded a song? Have you ever bought something on-line (E-Bay) and the product you got isn't right? What are your legal rights in these cases? When you buy something as a consumer, do you know what laws protect you? What are the laws that someone selling a product must follow to complete the sale? This class will discuss and examine your basic legal rights and duties as a consumer and citizen. Topics discussed include basic law functions, court set-ups, criminal law, civil law, online fraud, Internet downloading, copyright laws, the rights of a minor, property laws, contracts, debts and bankruptcy.

HC-1 & PB

Intro to Programming

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: .5

Intro to Programming teaches students to design, document, write, and de-bug programs to solve business and scientific problems, utilizing algorithms, logical analysis, and flow charts to aid in the development of top-down computer programs.

This class meets one half of the senior year math or math related graduation requirement.

HC-1 & PB

3D Modeling/App Creation

Prerequisite: Successful completion of Intro to Programming

Grade(s): 10-12

Trimesters: 1

Credit: .5

3D Modeling/App Creation provides students the opportunity to discover new ideas, new solutions, and new ways to approach real-world problems through the creation of video games. Students will analyze, brainstorm, and create solutions using a step-by-step design process while applying skills learned from math, language, science, art, and technology classes. Students will understand how simulations are being used not only in the entertainment industry, but also to create important advancements in medical, military, and aerospace fields.

This class meets one half of the senior year math or math related graduation requirement.

HC-1 & PB

Game Design

Prerequisite: Intro. to Programming

Grade(s): 10-12

Trimesters: 1

Credit: .5

Students will use GameMaker 2 to design games. They will learn to control players and enemies in a game. Students will use *if statements*, *while loops*, *for loops*, and will also learn what *variables* are. Students will use these skills to start creating games! The programming language you will learn is GML; which is similar to many other popular programming languages.

*This class will be offered every other year.

Financial Management and Investing A

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: .5

This trimester class is designed to develop financial literacy for students in the areas of personal finance, saving, budgeting, debt, life after high school, and consumer awareness. Students will learn how money and financing plays a critical role in life as an adult. Upon completion, students will have the skills and knowledge necessary to make sound financial decisions while understanding the significant role that money and finance plays in our global economy. Our curriculum will utilize the nationally recognized *Foundations in Personal Finance* materials by Dave Ramsey. Throughout the trimester, guest speakers from a variety of financial disciplines will also visit the classroom to lend their expertise. The goal of this class is to educate students so they take control of their financial future.

This class meets one-half the senior year math or math related graduation requirement.

HC-1

Financial Management and Investing B

Prerequisite: None (Completion of Financial Mgmt. and Investing A is NOT required to sign up for this class)

Grade(s): 10-12

Trimesters: 1

Credit: .5

Completion of Financial Management and Investing A is NOT required to sign up for this class. This trimester class is designed to develop financial literacy for students in the areas of bargain shopping, investing and retirement, insurance, money and relationships, careers and taxes, and giving. Students will learn how money and financing plays a critical role in life as an adult. Upon completion, students will have the skills and knowledge necessary to make sound financial decisions while understanding the significant role that money and finance plays in our global economy. Our curriculum will utilize the nationally recognized *Foundations in Personal Finance* materials by Dave Ramsey. Throughout the trimester, guest speakers from a variety of financial disciplines will visit the classroom to lend their expertise. The goal of this class is to educate students so they take control of their financial future.

This class meets one-half the senior year math or math related graduation requirement.

HC-1

Financial Management and Investing A (Blended)

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: .5 per trimester

This trimester class is designed to develop financial literacy for students in the areas of personal finance, saving, budgeting, debt, life after high School, and consumer awareness. Students will learn how money and financing plays a critical role in life as an adult. Upon completion, students will have the skills and knowledge necessary to make sound financial decisions while understanding the significant role that money and finance plays in our global economy. Our curriculum will utilize the nationally recognized *Foundations in Personal Finance* materials by Dave Ramsey. Throughout the trimester, guest speakers from a variety of financial disciplines will also visit the classroom to lend their expertise. The goal of this class is to educate students so they take control of their financial future.

Blended Structure:

Specific activities and actions are assigned and carried out by students on their own time and in their own place, relative to deadlines and due dates.

Face-to-Face class time (3 days per week) is used for project based activities, reinforcement work, class discussions, guest speakers, student presentations, and testing.

This class meets one-half the senior year math or math related graduation requirement.

HC-2 (because you will work on your own time 2 days per week)

Financial Management and Investing B (Blended)

Prerequisite: None (Completion of Financial Mgmt. and Investing A is NOT required to sign up for this class)

Grade(s): 10-12

Trimesters: 1

Credit: .5 per trimester

Completion of Financial Management and Investing A is NOT required to sign up for this class. This trimester class is designed to develop financial literacy for students in the areas of bargain shopping, investing and retirement, insurance, money and relationships, careers and taxes, and giving. Students will learn how money and financing plays a critical role in life as an adult. Upon completion, students will have the skills and knowledge necessary to make sound financial decisions while understanding the significant role that money and finance plays in our global economy. Our curriculum will utilize the nationally recognized *Foundations in Personal Finance* materials by Dave Ramsey. Throughout the trimester, guest speakers from a variety of financial disciplines will visit the classroom to lend their expertise. The goal of this class is to educate students so they take control of their financial future.

Blended Structure:

Specific activities and actions are assigned and carried out by students on their own time and in their own place, relative to deadlines and due dates.

Face-to-Face class time (3 days per week) is used for project based activities, reinforcement work, class discussions, guest speakers, student presentations, and testing.

This class meets one-half the senior year math or math related graduation requirement.

HC-2 (because you will work on your own time 2 days per week)

Graphic Design

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This is a graphic art and digital design computer course using Adobe Photoshop and Adobe In Design software. Students will have a hands-on learning experience enabling them to become familiar with the concepts and skills required for desktop publishing. Upon successful completion of this class and Media Design, Adobe Certification is available. The Adobe Certified Expert (ACE) program is designed to recognize the high-level skills of expert users. Project based learning along with integration of other subject areas into the class will help students to apply newly learned technology skills. This class is articulated for college credit.

HC-1 & PB

Media Design

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: .5

The world of business and work is always changing. Our jobs (and lives) demand that we know how to use technology effectively and efficiently. Students will learn the fundamental concepts and features to master a variety of multi-media apps including: Adobe PhotoShop, Adobe In Design, Google Sketch-up, iLife applications and others. Students will learn many advanced features, tips and techniques for preparing media (2D & 3D Animations, video) for the Web. Upon completion of Graphic Design and Media Design, students will have the opportunity to become certified. The Adobe Certified Expert (ACE) program is designed to recognize the high-level skills of expert users. Project based learning along with integration of other subject areas into the class will help students to apply newly learned technology skills. This class is articulated for college credit.

HC-1 & PB

Microsoft Excel (Spreadsheets)

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

What is a spreadsheet? How does a spreadsheet work? Why would I use a spreadsheet? This course will answer those questions by providing students with an introduction to the basic principles of how spreadsheets work and how they can productively be used at school, at home, and at work. Students will learn about the advantages of using spreadsheets, how they would 'set up' a sheet and how data on a spreadsheet can be manipulated and interpreted. Time will also be spent learning how to create useful charts and graphs. This class is articulated for college credit.

MOS-Microsoft Office Specialist Certification is also available.

HC1 & PB

Microsoft Word

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

The most popular word processing software in the world is Microsoft Word. In this class students will learn the uses and advanced features of this popular software. Students will learn how simple text documents can come alive by learning to use the features and formatting capability of the software. Additionally, students will learn the skills necessary to use Word for other classes in school for such things as papers, presentations, and projects. This class is highly recommended for all students because the skills learned will be needed for other school classes, for college, and for the world of work. This class is articulated for college credit.

MOS - Microsoft Office Specialist Certification is also available.

HC-1 & PB

Presentation Graphics

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This course will provide students with an introduction to creating dynamic on-screen presentations. Students will be taught through lecture, hands-on experience and student participation. Students will acquire the skills and confidence needed in using a graphics app. while addressing an audience in a variety of ways. Through the use of various presentation apps, they will learn to be effective in giving interesting and professional presentations. This class is articulated for college credit.

HC-1 & PB

School Store Management

Prerequisite: Teacher recommendation, attendance records, past experiences and references may be required.

Grade(s): 12

Trimesters: 1

Credit: .5

School Store Management is a trimester class open to seniors. This class will focus on business retailing, while also applying skills learned in previous business classes. Upon enrollment, students will be divided into departments (Accounting/Operations, Sales/Marketing/Development, Purchasing/Merchandise). This class will be run similar to that of running and operating your own business. Criteria for enrollment will be successful completion with a B or better in a business class (accounting, management, marketing). Teacher recommendation, attendance records, past experiences and references may also be required.

*Course could be repeated with permission of instructor

*Size: 25 Students per Section

HC-PB

Sports and Entertainment Marketing

Prerequisite: None

Grade(s): 10-12

Trimesters: 2

Credit: 1

Marketing is exciting, important and profitable! Businesses, consumers and our whole economy benefit from Marketing. This class will offer an overview of the activities that are performed by manufacturers, service operators, distributors and retailers to make products and services available to customers. Students will have the opportunity to learn in depth how marketing works in the sports and entertainment industries. Expect lots of projects, speeches, and hands-on activities.

HC-1 & PB

Web Design A

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This course focuses on the business of the Web. Students are given the opportunity to learn how sites are developed for a variety of businesses. More than any other technology, the Internet owes much of its success to the introduction of Hyper Text Markup Language (HTML). Students will learn the capabilities and structure of HTML5 and CSS3. Students will learn about the design and development of functional Web sites in the fast paced World Wide Web. This class is articulated for college credit.

HC-1 & PB

Web Design B

Prerequisite: Successful completion of Web Design A

Grade(s): 9-12

Trimesters: 1

Credit: .5

This course is an extension of Web Design A. Students will take the beginning knowledge of Web Design and Development and go on to learn advanced CSS, JavaScript, and Bootstrap. The completion of both Web Design A and B will enable students the opportunity to become certified in HTML along with other advanced certifications if desired. This class is articulated for college credit.

HC-1 & PB

English Department

HHS English Department Graduation Requirements

All students must complete 8 English courses (1 trimester = ½ credit). While freshmen and sophomore courses are mandatory for all, once students reach junior standing (or complete both English 2 Comp. and English 2 Lit.) they may enroll in Writing and Literature courses that are specific to their skill levels. Placement in junior and senior level Writing and Literature courses may be determined by availability and previous coursework. Please see the course description for prerequisite requirements.

Freshman Year

- English 1A -- required
- English 1B -- required
- Elective courses -- optional (see prerequisites for each elective)

Junior Year

- *At least 1* Writing course -- required (see below)
- *At least 1* Literature course -- required (see below)
- Elective courses -- optional (see prerequisites for each elective)

Sophomore Year

- English 2 Comp -- required
- English 2 Lit.-- required
- Elective courses -- optional (see prerequisites for each elective)

Senior Year

- *At least 1* Writing *or* 1 Literature course -- required (see below)
- Elective courses -- optional (see prerequisites for each elective)

Writing and Literature Course Restrictions and Requirements

Below are lists of Writing and Literature courses available to students following the completion of Sophomore-level English Department requirements. Each of these courses is designated with an achievement level, and students may not decrease the achievement level of their coursework in a category unless approved by both the Guidance Department and English Department. For instance, once a student completes a Level 4 Writing course, subsequent Writing courses should be Level 4 or higher in order to ensure that students continue to improve their skills. These considerations apply primarily to Junior and Senior students.

Writing Courses

- AP English Language --1 trimester (Level 5)
- College Writing (Level 4)
- Creative Writing -- see prerequisites (Level 4)
- AP English Literature -- 1 trimester (Level 4)
- 21st Century Writing (Level 4)
- Foundations of Writing (Level 3)

Literature Courses

- AP English Literature – 2 trimesters (Level 5)
- World Literature (Level 4)
- Literature & Society (Level 4)
- AP English Language – 1 trimester (Level 4)
- Foundations of Literature (Level 3)
- 21st Century Literacy (Level 4)

Elective Communication Courses

Students can fulfill any remaining English Department Graduation Requirements with Elective Communication Courses from the list below.

- | | | | |
|--|---------------------------------|--------------------------|-----------------------------|
| • Debate -- 1 trimester | • Media Analysis -- 1 trimester | • Drama 1 -- 1 trimester | • Telecom. 1 -- 1 trimester |
| • Intro to Creative Writing -- 1 trimester | • Newspaper -- 2-3 trimesters | • Drama 2 -- 1 trimester | • Telecom. 2 -- 1 trimester |
| | • Speech -- 1 trimester | • Drama 3 -- 1 trimester | • Yearbook -- 3 trimesters |

AP English Literature (AP Lit.) (Level 5 Literature; Level 4 Writing)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 11-12

Trimesters: 3

Credit: 1.5

AP English Literature is an intensive, college-level paced, full-year course that will engage students in the careful reading and critical analysis of imaginative literature. Through close reading of selected college-level works, students will deepen their understanding of and enhance their pleasure in literature, which will include short stories, drama, poetry, and novels. Students will consider literary works in their historical context as well as in their relationship to the student's own experiences. AP English Literature will prepare students to take the College Board's Advanced Placement Test in Literature and Composition. By scoring well on this test, students may possibly qualify for college credit in English. This course will cover three trimesters.

**NCAA Approved Course

AP English Language (AP Comp.) (Level 5 Writing, Level 4 Literature)

Prerequisite: Successful completion of English 1A and 1B as well as English 2 Comp. & Lit.

Grade(s): 11-12

Trimesters: 2

Credit: 1

Students in this introductory college-level course read and carefully analyze a broad and challenging range of nonfiction prose selections, deepening their awareness of rhetoric and how language works. Course readings feature expository, analytical, personal, and argumentative texts from a variety of authors and historical contexts. Students examine and work with essays, letters, speeches, images, and imaginative literature. AP English Language will prepare students to take the College Board's Advanced Placement Test in Language and Composition. By scoring well on this test, students may possibly qualify for college credit in English.

**NCAA Approved Course

College Writing (Level 4 Writing)

Prerequisite: successful completion of English 1A & 1B; English 2 Comp. & Lit. or approval of the instructor

Grade(s): 11-12

Trimesters: 1

Credit: .5

The College Writing curriculum prepares students to compose academic essays of the type and substance that they will write at the college level. Students will focus on one or two fields of study for topic choices and write one analytical essay in MLA format, one argumentative essay in MLA format, and one term paper in APA format. Students will focus their grammar study on the application of various concepts from Strunk and White's *The Elements of Style*. Students are assessed in the areas of (1) Development of Ideas, (2) Formatting, (3) Grammar, Usage, and Punctuation, (4) Organization, (5) Style, and (6) the Writing Process. While the primary determinants of the overall course grade are the three major essays students will compose, practice assignments, tests and quizzes, reflective and self-evaluative writing, and participation in the classroom community of writers also contribute to the course grade.

**NCAA Approved Course

Creative Writing (Level 4 Writing)

Prerequisite: At least one Level 3, 4, or 5 Writing Course

Grade(s): 11-12

Trimesters: 1

Credit: .5

Creative Writing is a one trimester class designed to use journal and fiction writing to help students become better overall writers. This class reinforces fundamentals essential to good writing in any formal or informal format. Participating in a workshop style setting, all students share their writing and play an active role in one another's learning. Works of established authors will be studied, as the importance of reading to the writer will also be emphasized. Students should bring with them to class a sincere desire to practice, develop, and share their writing with others. Creative Writing is available to students who have successfully completed each trimester of English I and English II.

**NCAA Approved Course

Debate (Elective)

Prerequisite: Tenth grade students must have a letter of recommendation from an English instructor.

Grade(s): 11-12

Trimesters: 1

Credit: .5

Debate is a rigorous activity that combines outstanding speaking, reasoning, reading, and writing skills. The class will focus on issues having national or global impacts and the way the United States federal government responds to those issues. Students will be involved in intense research of various debate topics as preparation for competitive policy debate. A strong understanding of rhetorical concepts including logical fallacies is a requirement of this class. Students must also be familiar with the Toulman Model of Argument before taking debate.

**NCAA Approved Course

Drama 1 (Elective)

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

Drama I is a performance based course dedicated to exploring the world of theater and dramatic interpretation through acting, class discussions, performances, reading, and other challenging and dramatic activities. It is an introduction to the stage, acting on a stage, theatre history, and getting to know about plays from a literary as well as a performance standpoint. The basics of acting and good voice production are stressed and there is an emphasis on communication through speaking, listening, and performing. Final weeks are spent working on a public monologue performance. Parents and community members are able to attend and enjoy.

Drama 2 (Elective)

Prerequisite: Successful completion of Drama 1

Grade(s): 10-12

Trimesters: 1

Credit: .5

Drama 2 is a trimester long course dedicated to further exploration of the world of theater and dramatic interpretation through acting, class discussions, performances, writing, reading, and other challenging and dramatic activities. Acting is continued with finer techniques put to use. The main focus is on Shakespeare and Shakespearean performance. The highlight of the trimester will involve students spending a significant portion of the course writing a modernization of one or many Shakespearean plays. Students will direct, costume, act, and build a set for this production. Students may retake the class with permission from the instructor.

Drama 3 (Elective)

Prerequisite: Successful completion of Drama 1 & 2 and recommendation of the Drama instructor

Grade(s): 11-12

Trimesters: 1

Credit: .5

Drama 3 is an advanced-level elective English communication course. In Drama 3 students will learn not only advanced acting techniques to continue their process of developing strong characters, but also the other technical elements involved in the theatrical arts. Students will develop skills in the areas of promotion, marketing, directing, lighting and sound design, and stage management. Participation in the class will require students to create design plans for proposed and practical theatrical productions. Students will learn to utilize the many advanced theatrical instruments contained within the new Fine Arts Auditorium. In addition to working on productions, students will also help with the promotion, preparation, and execution of actual productions at Hudsonville High School. The final project for the class will be realized productions of student directed one-act plays.

English 1 (Required)

Prerequisite: None

Grade(s): 9

Trimesters: 2

Credit: 1

English 1A and 1B are required trimester courses comprised of literature (including short stories, essays, plays, poems, and novels), writing essays, vocabulary development, the correct usage of words, and the mechanics of the language.

**NCAA Approved Course

English 2 Composition (Required)

Prerequisite: Successful completion of English 1A and 1B

Grade(s): 9-10

Trimesters: 1

Credit: .5

The English 2 Composition curriculum encourages students to develop composition skills in narrative, expository, argumentative, and analytical writing. Students will explore concepts in the areas of (1) Development of Ideas, (2) Formatting, (3) Grammar, Usage, and Punctuation, (4) Organization, (5) Style, and (6) the Writing Process. All students will write at least three major essays in MLA format, including a definition essay, an argumentative essay, and an argument analysis essay in preparation for the SAT.

**NCAA Approved Course

English 2 Literature (Required)

Prerequisite: Successful completion of English 1A & 1B

Grade(s): 9-10

Trimesters: 1

Credit: .5

The English 2 Literature curriculum explores four main reading skill areas: Author's Style and Meanings of Words, Main Ideas and Author's Intent, Generalizations and Conclusions, and Supporting Details. Students will read both nonfiction and fiction texts, and choice reading books will accompany mentor texts (both books and shorter pieces) throughout the course. The overall course grade is primarily a result of student performance on assessments that include quizzes and tests that require the application of reading skills to cold texts, various projects that assess application of reading skills to choice reading, and practice assignments. This course incorporates a reading workshop format.

**NCAA Approved Course

Literature and Society (Level 4 Literature)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 11-12

Trimesters: 1

Credit: .5

Students will concentrate on reading and understanding literature that applies to the role of the individual and groups in the context of societies both large and small. Along with other literary themes, students will examine dystopia visions of the future, the implications societal expectations have on adolescents, and the interplay between friendship and betrayal. Students will read all of the following major texts: *A Midsummer Night's Dream*, *Othello*, *Our Town*, *Fahrenheit 451*, and *1984*.

**NCAA Approved Course

21st Century Writing (Level 4 Writing)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 10-12

Trimesters: 1

Credit: .5

21st Century Writing will tackle the elements of persuasive writing in genres relevant to modern society and academics. Students will refine their skills in order to create effective persuasive pieces. Additionally, this course will prepare students to write well for the ACT college entrance examination. We will utilize technology to competently communicate in a 21st century world. Sample units include (but are not limited to) persuasive formal writings, research proposals, and *TED* Talks.

**NCAA Approved Course

21st Century Literacy (Level 4 Literature)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 10-12

Trimesters: 1

Credit: .5

21st Century Literacy will help students understand what it means to be a highly literate member of society. Reading will focus mainly on informational text, providing students with a deeper understanding of how the past impacts the future through historical readings while also researching a variety of complex 21st Century issues involving themselves, their community, their nation, and their world. This course will teach students to navigate and interact with reading used by professionals in a variety of careers. Students will gain awareness to the reading lives of these professionals and why a literate life impacts career advancement. Visual literacy will be explored, as will reading strategies, to help students prepare for college entrance exams and the rigors of college-level reading. Technology will be utilized to competently communicate in a 21st century world.

** NCAA Approved Course

Foundations of Literature (Level 3 Literature)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 10-12

Trimesters: 1

Credit: .5

Students will focus on developing reading and comprehension skills while making connections between texts and their own real-world experiences. Students will read a variety of texts, of which the following is a representative list: *October Sky*, *Black Like Me*, *MAUS*, short stories, informational texts and choice reading.

Sections of this course are limited, so please choose another Literature course as a possible alternate when scheduling.

**NCAA Approved Course

Foundations of Writing (Level 3 Writing)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 10-12

Trimesters: 1

Credit: .5

The Foundations of Writing curriculum prepares students to both compose and analyze arguments while enhancing focus on grammar skills and concepts. Students will write two argumentative essays in MLA format and one argument analysis essay. In addition to applying and analyzing argumentative concepts, students will work to enhance the complexity and variety of sentence structures, increase punctuation variety, agreement, and avoid common usage errors. Students are assessed in the areas of (1) Development of Ideas, (2) Formatting, (3) Grammar, Usage, and Punctuation, (4) Organization, (5) Style, and (6) the Writing Process. While the primary determinants of the overall course grade are the three major essays students will compose, practice assignments, grammar and content quizzes, reflective and self-evaluative writing, and participation in the classroom community of writers also contribute to the course grade.

**NCAA Approved Course

Introduction to Creative Writing (Elective)

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

Introduction to Creative Writing is a one-trimester course designed to develop students' unique voices through the use of clear, efficient, and fresh language in their writing. Students will practice employing different stylistic techniques while incorporating a variety of literary devices into an array of genres, including short story, poetry, myth, folk tale, nonfiction/memoir, and children's literature. There is no prerequisite to this class, and this class will not serve as a prerequisite to Creative Writing.

Journalism – Newspaper (Elective)

Prerequisite: Application & Teacher Permission

Grade(s): 10-12

Trimesters: 2 or 3

Credit: 1 or 1.5

The goal of this full-year course (three trimesters) is to provide students with the opportunity to explore various aspects within the field of print journalism and produce the school newspaper, *The Vantage Point*. Class time is devoted to individual and group journalism related projects, discussions and activities. Students will actively participate in the various aspects of desktop publishing including reporting, copy writing, copy-editing, planning, word processing, photography, layout design and sales. The publication is self-supporting and relies almost exclusively on advertising revenue generated through student sales. Students and parents must sign a form acknowledging student responsibility in ad sales. Class members are also expected to willingly participate in before/after school publishing work as needed and help with various class-sponsored fund-raisers. If students desire to retake the course, they may do so provided they maintain a "B" or above average and have the prior approval of the journalism instructor. **First trimester is required.**

Journalism – Yearbook (Elective)

Prerequisite: Application & Teacher Permission

Grade(s): 10-12

Trimesters: 3

Credit: 1.5

The goal of this full-year course (three trimesters) is to produce the school yearbook, *The Pioneer*. The annual publication of *The Pioneer* offers students the opportunity to experience every aspect of yearbook production including planning, copywriting, word processing, photography, layout design and sales. Publication of the yearbook relies heavily on student-solicited advertising sales. Students and parents must sign a form acknowledging student responsibility in ad sales. Class members are also expected to willingly participate in before/after school publishing work as needed and help with various class-sponsored fundraisers. Work on video and computer technology may also be required. If students desire to retake the course, they may do so provided they maintain a “B” average and have the prior approval of the yearbook instructor.

Media Analysis (Elective)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 10-12

Trimesters: 1

Credit: .5

Media Analysis is a one-trimester English course ideal for both college bound and non-college bound students. The course uses a wide variety of media (film, print, broadcast media, Internet, music, etc.) to develop skills of interpretation, evaluation, critical analysis, and problem solving. It focuses on cultural literacy, analyzing the ways in which contemporary, mainstream media influence and reflect society. Some topics of discovery include News Media, Social Media, Advertisements, Stereotyping, Self-Image, Relationships, Violence, and Spirituality. Learning to recognize and analyze the effects of media on both the individual and the community makes this a relevant course for any student. Required components of the class include research, viewings/listenings, short reading assignments, class discussions, group collaboration, group and individual presentations, film analysis, formal and informal writing. Much of this course may utilize Project-Based Learning.

Speech (Elective)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 10-12

Trimesters: 1

Credit: .5

Speech is a class designed to teach students how to prepare and deliver formal oral presentations. Also included in the class are suggestions for overcoming stage fright, perfecting vocal and physical performances, developing topics that fit the audience and the purpose of the speech, listening to and analyzing oral information, and practicing effective speech delivery skills. Special attention is given to careers that require public speaking. Students can expect one to two speeches of varying lengths each week. Any student interested in this course must be creative and be able to generate a number of potential ideas into speech topics.

**NCAA Approved Course

Telecommunications I (Elective)

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This beginner level telecommunications class focuses on the basics in television and video production. Students will learn how to create storyboards, write scripts, shoot footage, edit, produce, and participate in each of the roles of a production crew. Students will be responsible for creating and producing projects for airing upon completion with teacher approval. Projects include interviews, commercials, news, school activities and holiday promotions, as well as other projects, pending time constraints. Students will also learn on-the-job training by volunteering services for WCET. Students are also expected to collaborate in a group setting, learning all roles on and off camera. Telecommunications I will be open to any student that has an interest in taking this trimester long class as an elective. The instructor will give guidelines on all projects and must approve all content. Because equipment is limited, the enrollment is limited.

Telecommunications 2 (Elective)

Prerequisite: Successful completion of Telecommunications I with C or better and/or teacher approval

Grade(s): 10-12

Trimesters: 1

Credit: .5

The structure of this class is designed in a way that will provide students with necessary hands on learning and a more advanced and accelerated training in audio, video, and television production than is available in Telecommunications I. Students will have the opportunity to gain a more thorough understanding of studio equipment, editing, design specific audio tracks to create more successful features and spend significant time on the post-production process. Students may also be responsible for producing a weekly news broadcast, Eagle Update, or other school related projects, such as for the HEF. Additionally, students will work on documentaries, features, talk shows, news programming, music videos, and graphic elements, along with other projects pending time constraints. Students will also be responsible for entering video contests pending teacher approval. The instructor will give guidelines on all projects and must approve all content. Because equipment is limited, the enrollment is limited.

World Literature (Level 4 Literature)

Prerequisite: Successful completion of English 1A and 1B, English 2 Comp. & Lit.

Grade(s): 11-12

Trimesters: 1

Credit: .5

This one trimester course explores the development of Western culture and thought, through literature from the Greco-Roman era and the early British, Gaelic and Celtic periods of history, and their effect and place in regard to current Western society. Middle-Eastern and Eastern literature and philosophy may also be explored at a comparative level. The course reflects six core areas: reading, writing, language (appreciation and aesthetics), listening/speaking, viewing, and research.

**NCAA Approved Course

Family and Consumer Science Department

Family and Consumer Science (FCS) education focuses on topics and issues relating to building positive relationships, foods and nutrition, child development, managing personal finances, and careers related to these topics. FCS courses enable students to relate what they learn in school to the knowledge and skills needed for their pursuit of future educational and career goals and success as individuals and family members.

Personal Health

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This course examines the challenges that teenagers face in today's society. Topics covered include: personality differences, self esteem, becoming a better communicator, bullying, stress, depression, and grief.

Foods and Nutrition

Prerequisite: None

Lab Fee: Based on extra supplies

Grade(s): 9-12

Trimesters: 1

Credit: .5

This is a course that will emphasize interaction between diet, nutrition, and physical fitness for optimum health and well-being. Making healthy food choices and increasing knowledge of current nutrition principles will be our focus throughout the trimester. Through the use of a multi-kitchen facility, students will develop skills in basic food preparation, teamwork, communication and creativity.

Advanced Foods

Prerequisite: C or better in Foods and Nutrition

Lab Fee: Based on extra supplies

Grade(s): 9-12

Trimesters: 1

Credit: .5

This class is an opportunity to expand on the basic skills learned in Foods and Nutrition and to further explore more advanced skills in the culinary arts. Students will learn about food preparation techniques, ingredient functions, and entertaining and catering industries. An emphasis will be placed on exploring career opportunities in the food service industry and developing skills such as food presentation, organization and teamwork skills.

Personal Finance

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: .5

Personal Finance gives students the opportunity to gain the knowledge and skills necessary for managing their own personal finances. Topics covered are making budget decisions, purchasing and insuring a car, how to handle credit, moving out of the house (both apartment rental and home buying), and basic living necessities important to surviving financially on one's own.

Family Health

Prerequisite: None

Grade(s): 11-12

Trimesters: 1

Credit: .5

This course will help students understand the significance of their responsibilities as family members and will give them a greater understanding of themselves and others through a study of family structures and lifestyles. Topics discussed include dating, family roles, communication, sexual health, marriage, pregnancy, and reproductive health.

Child Development

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: .5

This course is designed to teach knowledge about the physical, intellectual, emotional, and social growth and development of children from birth to 5 years old and the role caregivers play during this crucial time period. Students who wish to pursue a career related to early childhood education would find this class very beneficial.

Early Childhood Education

Prerequisite: C or better in Child Development and teacher/counselor approval

Grade(s): 10-12

Trimesters: 1

Credit: .5

Early Childhood Education gives students the opportunity to expand skills by participating in a real-life, early childhood education lab. An emphasis will be placed on career exploration in the area of early childhood education. Topics will include laws and regulations related to operating an early childhood center, making child observations, and planning preschool lessons and activities. The lab portion of this class is held off-campus at the Hudsonville Early Childhood Center and requires students to ride a bus there and back.

Housing and Interiors

Prerequisite: None

Grade(s): 10-12

Trimesters: 1

Credit: .5

Housing and Interiors will explore the skills and knowledge needed to create pleasing, functional living environments. Topics to be covered include the history of housing, using design elements and principles, space planning and budgeting, creating design presentations, and careers related to housing and interior design.

Math Department

- The flow chart below shows the sequences of courses available at HHS.
- For those planning on going to a four-year college, Precalculus would be recommended.
- Students are **not** allowed to receive math credit for both Statistics and AP Statistics.

The following courses meet the senior-year math related requirement:

All Math Classes
 Accounting
 Financial Management & Investing A & B
 Intro to Programming
 3D Modeling/App Creation
 All Tech Center Programs
 Dual Enrollment Math
 Physics
 Chemistry
 AP Physics
 AP Chemistry
 AP Macro Economics
 Basic Drafting
 Architectural Drafting
 Engineering Drafting
 AP Computer Science Principles

MIDDLE SCHOOL MATH

↓
ALGEBRA 1A, 1B

↓
GEOMETRY A, B

↓
ALGEBRA II

↓
PRECALCULUS

↓
AP CALCULUS
(AB or BC)
3 Trimesters

**Technical Algebra II
 can be substituted for
 Algebra II A and B through
teacher/counselor
 recommendation.

STATISTICS
2 Trimesters

AP STATISTICS
3 Trimesters

Four courses of math are required for graduation, to include at least through
 Algebra II (or the Technical Algebra II equivalent), and a math course in the senior year.

Algebra I

Prerequisite: 8th grade math

Grade(s): 9-10

Trimesters: 2

Credit: 1

Algebra I is the language of mathematics and the physical sciences. With Algebra I, you can describe patterns, work with formulas, solve concrete and abstract problems, and graph relationships. The main objectives to be studied include the concept of functions, exponential functions, linear and quadratic equations, and various other introductory Algebra topics. The mathematics learned in this course lays a foundation for further success in mathematics. It is essential preparation for all students in order to offer them an opportunity for a successful career in the future.

**NCAA Approved Course

Geometry

Prerequisite: Algebra I

Grade(s): 9-10

Trimesters: 2

Credit: 1

Geometry is a course in the study of points, lines, planes, and shapes and their relationship to one another. It is a study of the elements of logical reasoning, especially as used in mathematics. Transformations and isometries are also explored, basic 2- and 3- dimensional area and volume formulas; coordinate geometry, and an introduction to trigonometry. There are many opportunities to develop skills in drawing, constructing, and visualizing physical phenomena. A year of geometry is required for admission to almost all colleges. Geometry is found on all college entrance examinations and/or State mandated tests, and is necessary to understand science, art and architecture, engineering and many other disciplines. Technical schools require students be familiar with formulas, graphs, and trigonometry, all of which are studied in geometry.

** NCAA Approved Course

Algebra II

Prerequisite: Algebra I A&B, Geometry A&B

Grade(s): 9-12

Trimesters: 2

Credit: 1

This course is an extension of Algebra I and also includes some statistical concepts. It deals in depth with polynomial functions, solving linear and quadratic equations and inequalities, introduces the complex number system, and further develops the students' knowledge of topics such as sequences, logarithms, exponents, and trigonometry. Geometric ideas and graphing calculators are utilized throughout the course. Algebra II is required for admission to nearly every college

**NCAA Approved Course

Technical Algebra II

Prerequisite: Geometry A and B, Algebra 1 A and B, and TEACHER/COUNSELOR RECOMMENDATION

Grade(s): 10-12

Trimesters: 2

Credit: 1

Technical Algebra II will be a two-trimester course of Algebra II A standards heavily dedicated toward preparing for the SAT or related MME exam. This course will fulfill the Algebra II requirement for **recommended** students. The primary focus of Technical Algebra II will be to offer students an alternative to the traditional approach of Algebra II, taking two trimesters to learn the content of Algebra II A. In Technical Algebra II, students will learn the foundations of functions, linear functions, linear systems, quadratic functions, polynomial functions and exponential functions. There will be a few hands-on activities throughout the two trimesters to demonstrate and practice mastery of the material. Graphing calculators will be utilized, so please make plans to have one for both trimesters.

Precalculus

Prerequisite: Algebra II

Grade(s): 10-12

Trimesters: 2

Credit: 1

Precalculus is the preparation for calculus and an excellent capstone course for those even not planning to take calculus. The study of topics, concepts, and procedures of precalculus deepens students' understanding of algebra and extends their ability to apply algebra concepts and procedures to higher conceptual levels and in the study of other subjects. The theory and applications of trigonometry and functions are developed in depth. Mathematical tools, such as vectors, matrices, and polar coordinates are introduced, with an eye toward modeling and solving real-world problems. Covered topics include functions (exponential, logarithmic, quadratic, polynomial, rational, trigonometric), vectors, matrices, sequences, series, combinatorics, probability, polar coordinates, parametric equations, and analytic geometry (conic sections).

**NCAA Approved Course

AP Calculus (AB version) [Equivalent to two-thirds of a full-year college-level calculus sequence.]

Prerequisite: Precalculus

Grade(s): 11-12

Trimesters: 3

Credit: 1.5

Advanced Placement (AP) Calculus AB is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course will emphasize a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. Topics that are covered include limits, derivatives, integrals, approximations, applications, and modeling. Students are expected to take the AP Calculus (AB) exam in the spring, and thereby possibly earn college credit.

**NCAA Approved Course

AP Calculus (BC version) [Equivalent to a full-year college-level calculus sequence.]

Prerequisite: Precalculus (each Trimester grade a 'B' or better is strongly recommended)

Grade(s): 11-12

Trimesters: 3

Credit: 1.5

Advanced Placement Calculus BC is an extension of Calculus AB rather than an enhancement, so it is faster paced, yet common topics require a similar depth of understanding. It is primarily concerned with developing the students' understanding of the concepts of calculus and providing experience with its methods and applications. The course will emphasize a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. All topics from Calculus AB are covered, with the addition of improper integrals, partial fractions, series, parametrics, vectors, and polar functions. Students are expected to take the AP Calculus (BC) Exam in the spring, and thereby possibly earning college credit, (which can be either one or two semesters, depending upon the exam score.)

**NCAA Approved Course

Statistics

Prerequisite: Algebra II A

Grade(s): 10-12

Trimesters: 2

Credit: 1

This course addresses most of the topics covered in an introductory college statistics class with the emphasis being on application not theory. Statistics is a tool that is widely used in all areas of life today, from social sciences (sociology, psychology), life sciences (medicine, biology, physiology), all areas of business (management, sales, marketing) and physical sciences (physics, chemistry, astronomy). Students will apply statistical methods to analyze data and then draw implications from that data. The primary objectives studied will be the methods of data analysis (numerical descriptions and graphs); probabilities and their different distributions; how to design experiments and take meaningful samples or surveys; and how statistics are used to make decisions (confidence intervals and hypothesis tests). Graphing calculators are required and the course will also introduce several uses of spreadsheets. This course is ideal for those who need or want to take more math courses beyond Algebra II but did not excel in Algebra II (say a B- or lower). A GPA above 3.6 makes a student a better candidate for AP Statistics. Approximately 60% of college majors require an introductory statistics course so this class is an excellent choice for nearly anyone planning on going to college.

** NCAA Approved Course

AP Statistics

Prerequisite: Algebra II (a B or higher is strongly recommended)

Grade(s): 10-12

Trimesters: 3

Credit: 1.5

Similar to regular statistics, Advanced Placement (AP) Statistics will deal with many of the same themes – exploratory data analysis (numerical summaries and graphs), probabilities and their distributions, experimental and sampling design, and inference (confidence intervals and hypothesis tests). The pace is quicker than in Statistics with a few more topics and the out-of-class homework expectations are higher. Students are expected to take the AP Statistics Exam in the spring and likely earn college credit if they pass the exam. The completion of Statistics is not required nor expected in order to enroll in AP Statistics. This course would be best suited to those who did well in Algebra II or Precalculus, or have a GPA of roughly 3.5 or higher. The motivation to complete assignments outside of class and a strong work ethic is more helpful than pure mathematical talent. Approximately 90% of students have passed the AP Statistics exam over the past 14 years and 76% of those who pass have scored a 4 or 5. A majority of college majors require an introductory statistics course, including virtually all science majors (including medicine/nursing, biology, physiology, psychology, etc.) and business majors (management, sales, marketing). This is a class that you'll likely pay to take in college if you don't take it here. This class works well for students if they want to take it concurrently with Precalculus or AP Calculus.

**NCAA Approved Course

Some considerations in planning a math sequence:

If a student's goal is to take an advanced placement math course (AP Calculus, or AP Statistics), then it is a good idea to take a math course all 3 trimesters of at least one school year. This is called "looping".

"No looping" example: A freshman takes Algebra IA and Algebra IB; then Geometry A and Geometry B as a sophomore; Algebra II A and B as a junior; then Precalculus (or possibly AP Statistics) as a senior.

"Looping" example: A freshman takes Algebra IA and Algebra IB in the fall and winter, then takes Geometry A in the spring, finishing Geometry B in the fall of their sophomore year; then takes Algebra IIA in the winter and Algebra IIB in the spring. Then as a junior, takes Precalculus A and B, getting to AP Calculus (or AP Statistics) as a senior. Testing out of a course over the summer is also an option.

Taking AP Statistics concurrently with Precalculus or AP Calculus also works quite well for motivated math students.

Music Department

Band is a three-trimester commitment. The consistency of being in band three trimesters will help students develop their skills on their instrument. Like any skill, commitment and consistent work are important factors towards success. If a student cannot schedule band for three trimesters, he or she should discuss it with Mr. VanderWall.

Concert Band B (1st trimester – 4th hour)

Concert Band B is a concert band for freshmen. It is also for upper classmen that did not audition into Concert Band A. Ninth grade students who do not march, will take Concert Band B 1st trimester. Tenth, eleventh, and twelfth grade students who need more time to develop music and/or rehearsal skills will also be placed into Concert Band B. This decision (for upper classmen) will be based on the student's work in rehearsal on a daily basis and the student's musical development as demonstrated through their audition.

All students in grade 10-12 can participate in Concert Band B. Possible situations include:

- *Students who made Concert Band A (1st trimester), but could not fit it into their schedule.
- *Students who want to take more than one band class.

Students that auditioned into Concert Band B and did not make Concert Band A cannot perform in Concert Band A.

Any Jazz Band or Marching Band student can perform in Concert Band B, but they must be enrolled in Jazz Band and/or Marching Band as well.

It is required that students in Concert Band B demonstrate a performance level that is appropriate for a high school student. Every student in this group must be prepared to contribute to the ensemble by practicing and giving their best every day.

The band will perform one concert in the first trimester. Members of this ensemble are eligible for all band activities.

This band will be offered only during the first trimester.

Symphony Band (4th hour, 2nd and 3rd trimesters)

Prerequisite: Audition

Grade(s): 10-12

Trimesters: 2

Credit: 1

An audition is required to perform in Symphony Band. Students are not allowed to schedule into this class unless their audition has placed them in Symphony Band. **Any student that performs in Symphony Band must take band all three trimesters.**

Students that perform in Symphony Band have demonstrated superior musicianship and have earned the right to be a part of this group. Symphony Band is an advanced group that plays demanding literature.

The band will perform at least one concert per trimester. Members of this ensemble are eligible for band trips, the after school Jazz Band (if offered), Pep Band, and winter drum-line and winter color guard.

This band will be offered during the second and third trimesters (4th hour). Students in this band will play in Jazz Band, Marching Band, or Concert Band B during the first trimester.

Students that have auditioned into Symphony Band cannot perform in Wind Symphony 2nd and 3rd trimester, but they can perform in Concert Band 2nd and 3rd trimester.

Wind Symphony (3rd hour, 2nd and 3rd trimesters)

Prerequisite: Audition

Grade(s): 10-12

Trimesters: 2

Credit: 1

An audition is required to perform in Wind Symphony. Students must be in band all three trimesters in order to perform in Wind Symphony. Students are not allowed to schedule into this class unless their audition has placed them in Wind Symphony.

Wind Symphony will be an exclusive ensemble made up of our finest, most dedicated musicians. Instrumentation will be held to one student per part. This ensemble will consist of 25 to 45 students and will play advanced literature.

The band will perform at least one concert per trimester. Members of this ensemble are eligible for band trips, Pep Band, and winter drumline and winter color guard.

Students who have auditioned into Wind Symphony are eligible to perform in Concert Band and Symphony Band.

Jazz Band (3rd hour, All 3 Trimesters)

Prerequisite: Audition

Grade(s): 10-12

Trimesters: 1

Credit: .5

An audition is required to perform in the Jazz Band. Instrumentation includes alto saxophone, tenor saxophone, baritone saxophone, trumpet, trombone, drum set, piano, guitar, and bass guitar. If there is high interest in this class, an audition will take place to determine who will play in the group. The audition will be based on the Concert Band auditions at the end of the second trimester. A second audition, just for Jazz Band, might also be necessary. Students who do not play a jazz instrument will not be allowed to perform in Jazz Band.

Sophomores, juniors, and seniors will be given priority for this class.

The band's performance schedule will vary from year to year. Possible performances include, the fall band concert, the Christmas concert, and various business/charity events in the community.

Members of this ensemble are eligible for band trips, Pep Band, and winter drum line, and winter color guard.

This band will be offered during all three trimesters (3rd hour). Members of this band must be in band all three trimesters.

Members of the Jazz Band can also perform in Concert Band A, Concert Band B, or Marching Band. Students who did not audition into Jazz Band, or who don't play a jazz instrument are not allowed in Jazz Band.

First trimester Jazz Band is an advanced ensemble and requires students to perform at a high level musically. Second trimester Jazz Band will be for students in grades (10-12) with no jazz experience. Third trimester Jazz Band will be for everyone (10-12) grade.

Marching Band (5th hour, 1st trimester)

Prerequisite: Audition may be required

Grade(s): 9-12

Trimesters: 1

Credit: .5

An audition may be required to perform with the Marching Band. Any student that would like to participate in Marching Band must speak with the director and sign up for the class in the late winter or early spring. Anyone who misses the sign up but wants to participate, must speak with the director before signing up for this class.

Any student that plays a woodwind or brass instrument must sign up to be a part of Concert Band, Symphony Band, or Wind Symphony during the second and third trimesters. Members of the color guard must sign up for Marching Band during the first trimester, but do not have to sign up for band during the second or third trimesters. It is expected that all percussionists will take band during the second and third trimesters. In some cases, students that are not in a second and third trimester band are eligible to play in the percussion section, but they must speak with the director before signing up.

Marching Band is a competitive ensemble. The band competes in MCBA and performs at home football games, and the Hudsonville Christmas Parade. Members of this ensemble are required to attend summer rehearsals and rehearsals outside the school day during the fall. Pre-camp, Band camp, and the August rehearsals are required for all Marching Band members.

Athletes are allowed to perform in the Marching Band. They must have the approval of their parents, coach, and band director. This option will be discussed on a case-by-case basis. Athletes involved with sports that conflict with band camp (2nd and 3rd weeks of August), after school rehearsals, and Saturday competitions may not be allowed to take Marching Band. Students with questions about athletics and Marching Band should speak with the director. This applies to school sports only.

Marching band is offered during the first trimester. Members of this ensemble are eligible for band trips, MSBOA events, the after school Jazz Band, Pep Band, and winter drum line. There is a fee for Marching Band that covers the cost of band camp, travel, food for the season, and uniform maintenance. Every effort will be made to keep this fee below \$700.00. The band boosters provide numerous fund-raisers to help off set the cost.

Students in Marching Band can perform in Jazz Band, Concert Band A (if accepted), and/or Concert Band B.

Concert Band A (1st trimester, 1st hour)

Prerequisite: Audition

Grade(s): 10-12

Students in 10th-12th grade are eligible for Concert Band A. Ninth grade students are not eligible for Concert Band A. Students who did not audition into Concert Band A cannot perform in this class.

Concert Band A is an advanced ensemble that performs difficult music.

This band will be offered only during the first trimester.

Students must audition into Concert Band A. Students in Concert Band A must take band all 3 trimesters. Students in Concert Band A can also perform in Jazz Band or Marching Band.

The band will perform at least one concert.

Band Offerings:

Students in band can perform in Concert Band, Symphony Band, Wind Symphony, Jazz Band, Pep Band, Marching Band, winter drum line, winter color guard, the Disney trip (every 4 years), Jazz Band Chicago trip, and private lessons.

Concert Orchestra

Prerequisite: Previous Experience or Permission

Grade(s): 9-12

Trimesters: 3

Credit: 1.5

Concert Orchestra is open to all students who have participated in middle school orchestra or who are able to demonstrate moderate skills on their instrument. Musical concepts taught include: tone, articulation, range, intonation, phrasing, rhythm, dynamics and musicianship. Responsibility, self-discipline, and teamwork are an integral part of participation in this course. Students are expected to prepare a minimum of 30 minutes daily outside of class. Participation at rehearsals and concerts outside of class is required and part of the grading policy.

Chamber Orchestra

Prerequisite: Previous Experience or Permission

Grade(s): 10-12

Trimesters: 3

Credit: 1.5

Chamber Orchestra is open to students, grades 10-12, who have participated in Concert Orchestra or who are able to demonstrate advanced skills on their instruments. Musical concepts taught include: tone, articulation, range, intonation, phrasing, rhythm, dynamics, and musicianship. Responsibility, self-discipline, and teamwork are an integral part of participation in this course. Students are expected to prepare a minimum of 30 minutes daily outside of class. Participation at rehearsals and concerts outside of class is required and part of the grading policy.

Symphony Orchestra

Prerequisite: Audition required

Grade(s): 10-12

Trimesters: 3

Credit: 1.5

Symphony Orchestra is open to students, grades 10-12, who have participated in Concert Orchestra or who are able to demonstrate advanced skills on their instruments. Musical concepts taught include: tone, articulation, range, intonation, phrasing, rhythm, dynamics, and musicianship. Responsibility, self-discipline, and teamwork are an integral part of participation in this course. Students are expected to prepare a minimum of 30 minutes daily outside of class. Participation at rehearsals and concerts outside of class is required and part of the grading policy.

Choral Ensemble

Prerequisite: None

Grade(s): 9-12 (Men & Women)

Trimesters: 3

Credit: 1.5

One year basic to intermediate level of difficulty. This choir is a mixed group, Soprano, Alto, Tenor, and Bass (SATB) that studies and performs a variety of vocal music. Students will learn how to improve their individual singing voice, to read music at a basic to intermediate level, to work cooperatively, to solve problems creatively, and to set and achieve standards of excellence. No previous singing experience necessary. Admittance is by assignment, NOT audition by the vocal music teacher. Concerts include: Fall, winter, District/State choral festival, and Spring Revue Show.

Varsity Voices

Prerequisite: Audition required

Grade(s): 10-12 (Men & Women)

Trimesters: 3

Credit: 1.5

(One-year, advanced level of difficulty) This choir is a highly select 16 to 20 voices (SATB) ensemble that studies and performs a variety of multi-genre vocal music. Students learn to improve their individual singing voice, read music at an advanced level, work cooperatively, solve problems creatively, and set and achieve standards of excellence. There are expanded performance opportunities for this elite group. Previous singing experience is required and private voice lessons are strongly encouraged. Admittance is by assignment or audition by the vocal music teacher. Concerts include: fall, winter, District/State Solo & Ensemble, the annual Revue Show, and several outside community/private performances. After school and evening performances are extensive.

Chamber Choir

Prerequisite: Audition required

Grade(s): 10-12 (Men & Women)

Trimesters: 3

Credit: 1.5

(One-year, intermediate to advanced level of difficulty) This choir is a select mixed choir (SATB) of thirty to fifty singers that studies and performs a variety of multi-genre vocal music. Students learn to improve their individual singing voice, read music at an advanced level, work cooperatively, solve problems creatively, and set and achieve standards of excellence. Previous singing experience is required and private voice lessons are strongly encouraged. Admittance is by assignment or audition by the vocal music teacher. Concerts include: fall, winter, District/State Choral Festival, and the annual Revue Show and several outside community and private performances.

Treble Choir

Prerequisite: Audition required

Grade(s): 10-12 (Women)

Trimesters: 3

Credit: 1.5

(One-year, intermediate to advanced level of difficulty) This is a select choir made of Soprano I, Soprano II, and Alto (SSA) which studies and performs a variety of multi-genre vocal music. Students learn to improve their individual singing voice, read music at an advanced level, work cooperatively, solve problems creatively, and set and achieve standards of excellence. Previous singing experience is required and private voice lessons are strongly encouraged. Admittance is by assignment or audition by the vocal music teacher. Concerts include: fall, winter, District/State Choral Festival, and the annual Revue Show.

Physical Education and Health Department

PE/Health (A)

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This one trimester course is required for graduation. This course, combined with PE/Health (B), is a prerequisite for every other Physical Education course offered at Hudsonville. Students may take PE/Health (A) in any year 9-12. The curriculum combines fitness activities and classroom health topics to produce a comprehensive wellness program for our students. Fitness activities include: 5 week run/walk program, 5 week weight training program, fitness testing, and other team sports. Health topics include: fitness components, bones and muscles, nutrition, and healthy eating habits.

PE/Health (B)

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This one trimester course is required for graduation. This course, combined with PE/Health (A) is a prerequisite for every other Physical Education course offered at Hudsonville. Students may take PE/Health (B) in any year 9-12. The curriculum combines fitness activities and classroom health topics to produce a comprehensive wellness program for our students. Fitness activities: team and individual sports (volleyball, softball, basketball, soccer, tennis and others). Health topics include: stress management, tobacco-drug-alcohol awareness, and communicable disease.

Health

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This is a class designed for the student that opted out of the physical portion of PE/Health. You must have the class approved by your counselor. This class will meet everyday in the classroom and will discuss different health topics at an accelerated pace. The health topics include: fitness, bones and muscles, nutrition, weight management, stress, tobacco, alcohol, illegal drugs and sexually transmitted infections. The class may include some walking and stretching.

Weight Training

Prerequisite: Successful completion of PE/Health (A & B)

Grade(s): 9-12

Trimesters: 1

Credit: .5

This one trimester course will focus on weight training, core exercise, circuit and plyometric training. These components combined with selected weight training topics will create a balanced workout program for all students.

Students may take two (2) trimesters of Weight Training per year and four (4) trimesters total in their high school career.

Power Lifting

Prerequisite: Weight Training

Grade(s): 10-12

Trimesters: 1

Credit: .5

This weight training class is a challenging, strength and anaerobic focused class that works in the weight room five days a week and offers a rigorous conjugate approach to weight training with a curriculum that includes elements of power lifting, Olympic lifting, bodybuilding, Crossfit, high volume, and conditioning.

Competitive Sports (F, W, S)

Prerequisite: Successful completion of PE/Health (A & B)

Grade(s): 9-12

Trimesters: 1

Credit: .5

Competitive Sports (Fall and Spring) focuses on outdoor and indoor sports. This is a highly competitive sports class that includes game strategies and written tests. Activities include: tennis, softball, soccer, Air-Force football, 1/2 court basketball, pickle ball, and others.

Competitive Sports (Winter) focuses on indoor sports and is a highly competitive sports class that includes games, strategies and written tests. Activities include: Volleyball, floor hockey, full-court basketball, bowling, team handball, Air-Force football, and others.

Students may take two (2) trimesters of Competitive Sports per year and four (4) trimesters total in their high school career.

Body & Mind

Prerequisite: Successful completion of PE/Health (A & B)

Grade(s): 9-12

Trimesters: 1

Credit: .5

This one trimester course is designed for any student who is interested in improving their body and strengthening their mind. Activities will include: yoga, Pilates, stress reduction, Zumba, circuit training, flexibility, core development, muscle relaxation, water aerobics, band workouts, spinning, attitude and mindset training, and more.

Students may take two (2) trimesters of Body & Mind per year and four (4) trimesters total in their high school career.

Lifeguarding (You must be 15 years of age before completion of the trimester)

Prerequisite: Successful completion of PE/Health (A & B) and swimming skills evaluation

Grade(s): 9-12

Trimesters: 1

Credit: .5

This course is designed for intermediate and advanced swimmers. **Prerequisite swimming skills evaluation: (Days 1 and 2) 1. Students must perform a 300 yd. continuous swim using the front crawl, breaststroke or a combination of both. Swimming on the back or side is not permitted. 2. Students must tread water for 2 minutes without support and without stopping when treading, only the legs can be used. Swimmers should place their hands under the armpits. The head must remain above the surface of the water. 3. Timed Event (1 minute 40 seconds) Students will swim 20 yards, dive down 7-10 feet and retrieve a 10 lb. brick, return to the surface and swim on their back holding the brick with both hands at the surface. No Goggles!** The primary purpose of the American Red Cross Lifeguarding program is to provide entry-level candidates with the skills and knowledge to prevent, recognize, and respond to emergencies. Students will also be trained to care for injuries and sudden illness until advanced medical personnel arrives. Students will also be introduced to swim lessons and teach lessons to students in the Hudsonville Community.

Training includes: Lifeguard training, CPR for the Professional Rescuer, AED training, Preventing Disease Transmission, and Water Safety Instruction.

This course can be repeated, but lifeguarding students are encouraged to repeat it in the same year.

Peak Performance

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This is an intense class designed to meet the needs of student/athletes serious about working out. This cardio-based course will provide individuals with daily workouts to improve speed, agility, and overall heart/lung endurance. Activities include resistance band workouts, plyometrics, max interval training, long distance runs, stair climbs and core workouts. Student/athletes must realize the incredible intensity of training that this class will introduce everyday.

Students may take two (2) trimesters of Peak Performance per year and four (4) trimesters total in their high school career.

**** Very important note: In-Season athletes are not permitted into this class because of the high level of daily training.**

Adapted PE

Prerequisite: Special Needs Student

Grade(s): 9-12

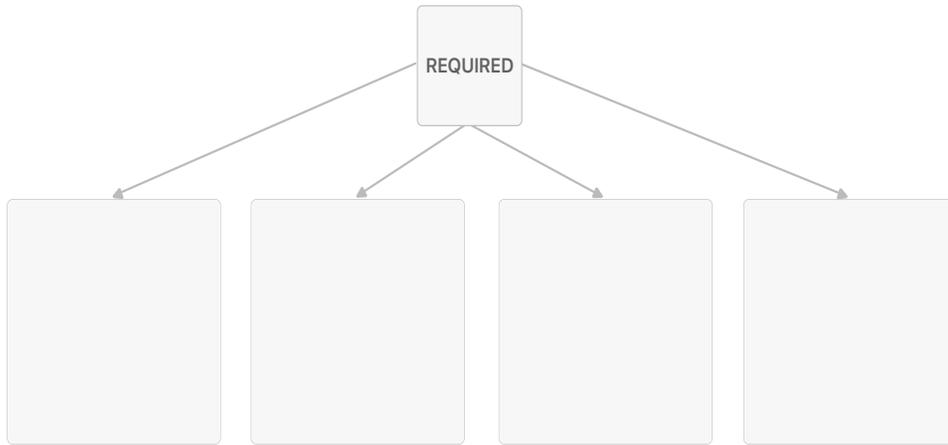
Trimesters: 1

Credit: .5

This physical education class is designed for students with special needs. The unique and specific needs of individuals with disabilities may require accommodations and strategies to provide effective instruction in functional and developmentally appropriate skills within the least restrictive environment.

Science Department

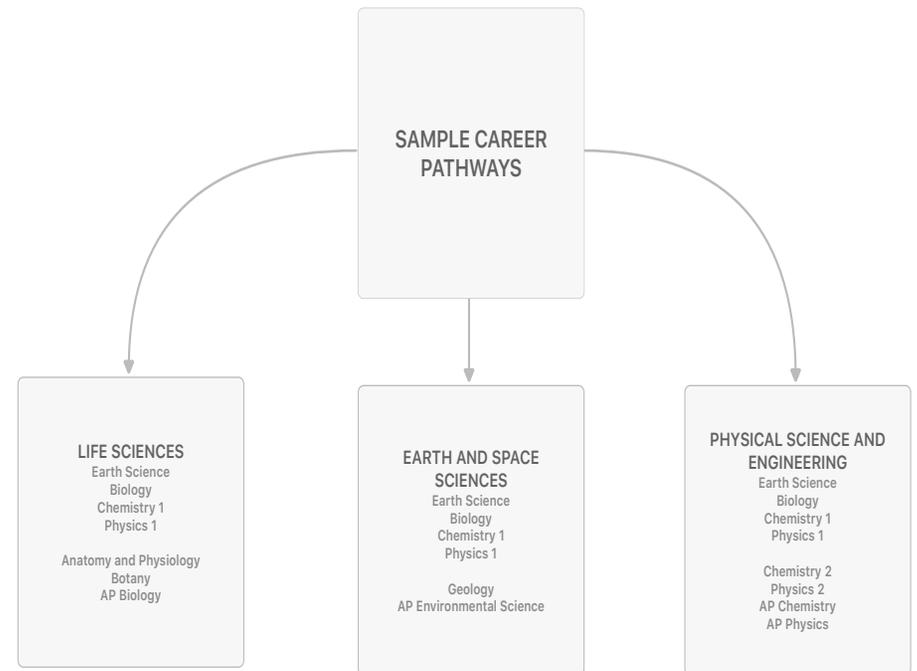
Science Courses (Required for Class of 2021 and beyond)



Six trimesters are required. However, eight trimesters of science is recommended for most colleges. Sample career pathways are listed below.

Electives:

- Anatomy and Physiology**
- Botany**
- Chemistry 2**
- Geology**
- Physics 2**
- Summer Science**
- AP Biology**
- AP Chemistry**
- AP Environmental Science**
- AP Physics 1, 2**
- AP Physics C**



Earth Science A

Prerequisite: None

Grade(s): 9

Trimesters: 1

Credit: .5

Students will explore the mineral resources, rocks, earth's history, plate tectonics, volcanoes, and earthquakes, while using scientific inquiry and reflection to better understand each process.

**NCAA Approved Course

Earth Science B

Prerequisite: None

Grade(s): 9

Trimesters: 1

Credit: .5

Students will explore hydrogeology, atmosphere, climate, oceans, the solar system, the universe, and stellar evolution while using scientific inquiry and reflection to better understand each process.

**NCAA Approved Course

Biology A

Prerequisite: None

Grade(s): 10

Trimesters: 1

Credit: .5

Biology A is a conceptual course emphasizing understanding the fascinating processes that happen in a cell. Topics include cell organization, organelles and their functions, biochemistry of photosynthesis, cell respiration, protein synthesis, mitosis and meiosis, and heredity.

**NCAA Approved Course

Biology B

Prerequisite: None

Grade(s): 10

Trimesters: 1

Credit: .5

Biology B is less conceptual than Biology A with a stronger emphasis on whole organisms. Topics include botany, anatomy & physiology and ecology as well as discussions about global issues, the nature of science, and evolution.

**NCAA Approved Course

Anatomy and Physiology A

Prerequisite: Biology

Grade(s): 11-12

Trimesters: 1

Credit: .5

Anatomy and Physiology A is an intensive, college prep course in which everything is designed to give a competitive edge in college in all of the medical fields including nursing, veterinary medicine and the various therapies. This class will study cells, tissues integument, endocrine system, blood, heart and blood vessels, lymphatic system, immunity, nutrition, metabolism and the digestive system. Laboratory work will study histology and the skeletal system of the cat.

**NCAA Approved Course

Anatomy and Physiology B

Prerequisite: Biology

Grade(s): 11-12

Trimesters: 1

Credit: .5

Anatomy and Physiology B is an intensive, college prep course in which everything is designed to give a competitive edge in college in all of the medical fields including nursing, veterinary medicine and the various therapies. This class will study bones and joints, muscles, nervous system, special senses, urinary system, fluids and electrolytes, respiration, reproductive system, and pregnancy and development. Laboratory work will study the muscles of the cat and internal anatomy.

**NCAA Approved Course

Chemistry 1

Prerequisite: Algebra IA

Grade(s): *10, 11-12

Trimesters: 1

Credit: .5

This exciting course is designed to show how important and how interesting chemistry can be. It is also designed to prepare students to think critically, which is a skill students will use in college and life. The course will focus on the following: lab safety, measurements, calculations using dimensional analysis, atomic structure, periodic table, hydrocarbons, molecular shapes, energy transfer, chemical bonding, nomenclature, identifying types of chemical reactions and the concept of the mole. The information learned here is setting the foundation for Chemistry 2. The course is lab based and taught with an inquiry methodology. Both Chemistry 1 and Chemistry 2 include a lot of math work.

**NCAA Approved Course

Chemistry 2

Prerequisite: Chemistry 1

Grade(s): 10-12

Trimesters: 1

Credit: .5

Chemistry 2 builds upon Chemistry 1. Inquiry methodology will continue to be used as students will learn to think like a scientist by enhancing critical thinking skills and problem solving. This is also a lab-based course. Students will keep a lab notebook or journal and perform multiple inquiry labs. Class discussion and use of video and graphic representations will incorporate class time. Labs offer opportunity for immediate application from class notes.

**NCAA Approved Course

Chemistry Concepts

Prerequisite: Algebra I

Grade(s): 10-12

Trimesters: 1

Credit: .5

Chemistry Concepts is a course designed for the student who wants to learn more about chemistry and its applications toward society. This course presents chemistry conceptually, focusing on the concepts of chemistry and little emphasis on calculations. The content is not as detailed or as quickly paced as Chemistry 1, however, the expectations are the same. Students will be guided towards self-discovery and expected to think conceptually about how chemistry is applied towards our lives through lectures, video presentations, class discussions, and hands on laboratory experiments. This course is a single trimester in length and can be taken along with Physics Concepts. During the trimester, topics such as elements of chemistry, discovery of the atom, chemical bonding, chemical reactions, energy in society, and air chemistry will all be discussed.

**NCAA Approved Course

Geology A

Prerequisite: Earth Science and Biology

Grade(s): 11-12

Trimesters: 1

Credit: .5

Geology is a college level class with Earth Science and Biology as prerequisites. In Geology A, we study water, glaciers, igneous, sedimentary, and metamorphic rocks.

**NCAA Approved Course

Geology B

Prerequisite: Earth Science and Biology

Grade(s): 11-12

Trimesters: 1

Credit: .5

In Geology B, we study the age of the earth, plate tectonics, earthquakes, and volcanoes. Overnight fall and spring field trips are taken, but they are not mandatory.

**NCAA Approved Course

Physics 1

Prerequisite: Algebra 1A & 1B and Geometry A & B

Grade(s): 10-12

Trimesters: 1

Credit: .5

This is a lab-based course covering topics such as displacements, velocities, accelerations, free fall, projectiles, forces, Newton's laws, friction, inertia, work and energy, momentum, collisions, circular motion, and gravitational interactions. Since physics is an integral part of our every day lives, it is beneficial to have a better understanding of how things work. The outcomes of this course meet half of the requirements for the Michigan High School Science Expectations for Physics and the Michigan Merit Exam.

**NCAA Approved Course

Physics 2

Prerequisite: Algebra 1A & 1B, Geometry A & B, and Physics A

Grade(s): 10-12

Trimesters: 1

Credit: .5

This course is a continuation of Physics 1. The topics covered include waves, wave interference, sound, light, mirrors, lenses, reflection, refraction, diffraction, electric fields, direct current, resistance, circuits, magnetism, alternating current, and electromagnetic induction. The outcomes of this course meet the other half of the requirements for the Michigan High School Science Expectations for Physics and the Michigan Merit Exam.

**NCAA Approved Course

Physics Concepts

Prerequisite: Algebra I

Grade(s): 10-12

Trimesters: 1

Credit: .5

This “practical” physics course is recommended for either college bound or non-college bound students who are not planning a science related career (non-science majors). It is also offered as an elective to 10th and 11th graders who want to take it as an introductory class to the higher levels of physics offered. This course deals with broad understanding of concepts and laws without the rigorous quantitative, mathematical solutions. Physics topics include types of motion, displacements, velocities, accelerations, free fall, projectiles, forces, Newton’s laws, friction, inertia, work and energy, momentum, collisions, circular motion, gravitational interactions, waves, wave interference, sound, light, mirrors, lenses, reflection, refraction, diffraction, electric fields, direct current, resistance, circuits, magnetism, alternating current, and electromagnetic induction.

**NCAA Approved Course

Botany A

Prerequisite: Earth Science

Grade(s): 10-12

Trimesters: 1

Credit: .5

This lab-centered course examines Michigan trees along with greenhouse techniques. Topics include plant structures and their functions, native tree identification and growth response to stimuli. A few of the experiences offered include propagating plants from cuttings, cross pollinating, and grafting. This course is open to sophomores, juniors and seniors with an interest in horticulture.

Botany B

Prerequisite: Botany A

Grade(s): 10-12

Trimesters: 1

Credit: .5

This lab-centered course examines Michigan wildflowers along with greenhouses and landscaping techniques. Topics include lifecycles of angiosperms and gymnosperms, a look into the fungi kingdom, medicinal plants, wildflower identification, and an in-depth look at plants commonly found in different biomes. A few of the experiences offered include plant propagation from cuttings, hydroponics, greenhouse management, and landscaping.

Advanced Placement Biology

Prerequisite: Biology, Earth Science, and Chemistry

Grade(s): 12

Trimesters: 3

Credit: 1.5

AP Biology is a rigorous, college level course equivalent to one full year of college biology for majors. This course provides students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. This class can only be taken during the senior year unless you have written permission from the instructor. Students are expected to take the AP exam in the spring.

**NCAA Approved Course

Advanced Placement Chemistry

Prerequisite: Chemistry 1 and Chemistry 2

Grade(s): 11-12

Trimesters: 3

Credit: 1.5

Advanced Placement Chemistry is a rigorous college level course designed to prepare students to pass the AP Exam in the spring. In addition to reviewing the topics from general chemistry, we will also take a deeper look into chemical equilibrium and how it applies to solutions, gases, acids and bases, buffers solubility and chemical reactions in general. New topics such as Entropy, Free energy, Electrochemistry and Organic chemistry will be hit heavily. Labs will be very extensive and mostly investigative, meaning you do the work and apply your knowledge. There are not many “cookbook” labs in this class. This course will cover three trimesters with one block time frame and all students are expected to take the AP exam in the spring.

This course will be offered as a zero hour and/or an afternoon hour, depending on student numbers and interest. When signing up for classes, let your counselor know which time of the day you prefer.

If a student does not pass trimester I, they cannot move on to trimester II.

**NCAA Approved Course

Advanced Placement Physics 1 & 2 (Non-calculus based)

Prerequisite: Precalculus (may be taken concurrently)

Grade(s): 11-12 or Teacher Recommendation for sophomores

Trimesters: 3

Credit: 1.5

This course is designed for students who plan on attending college but will not necessarily major in a science or math. Any student that passes one or both of the AP tests in the spring can possibly earn up to 10 credits towards a general science credit **or** an algebra-based physics course in college. The level of difficulty is not as high as the AP Physics C course, however, the level of difficulty is a little higher than the regular Physics course already offered and more material is covered. It is not necessary to take the regular Physics course before this AP Physics course. Topics covered include motion, forces, energy, rotation, electricity, magnetism, waves (sound and light), optics, fluids, thermodynamics, atomic physics, and nuclear physics. The outcomes of this course meet the objectives of both the AP Physics 1 & 2 exams. It is expected that all students will take at least one of the two AP exams in the spring. The outcomes of this course would also meet the requirements for the Michigan High School Science Expectations for Physics and the Michigan Merit Exam.

**NCAA Approved Course

Note: AP Physics C is a calculus-based course; AP Physics 1 & 2 is not. Much of the same material is covered in each course but the primary difference is the level of math needed for each course.

Purpose: To give students the ability to earn a general science credit for college. Since physics is an integral part of our everyday lives, it is beneficial to have a better understanding of how things work. By taking this class, students can achieve both a better understanding of the world around them and earn college credit.

Advanced Placement Physics C (calculus-based)

Prerequisite: AP Calculus (may be taken concurrently)

Grade(s): 11-12 or Teacher Recommendation for sophomores

Trimesters: 3

Credit: 1.5

This course is designed for engineers, math majors, physics majors, and science majors, but is not limited to these. Anyone that is interested in the topics covered, has the mathematical background required, and likes a challenge may take this course. Any student that passes one or both of the AP tests in the spring can possibly earn up to 10 credits towards a calculus-based physics course in college. This is a calculus-based course and therefore is more difficult than the AP Physics 1 & 2 course. It is not necessary to take the regular Physics course before this AP Physics course. Students study mechanics (motion, forces, energy, etc.), electricity, and magnetism. The outcomes of this course meet the objectives of both the AP Physics C exams. It is expected that all students will take at least one of the two AP exams in the spring. The outcomes of this course would also meet the requirements for the Michigan High School Science Expectations for Physics and the Michigan Merit Exam.

Advanced Placement Environmental Science

Prerequisite: Earth Science, Biology, Chemistry is recommended (may be taken concurrently)

Grade(s): 10-12

Trimesters: 3

Credit: 1.5

The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

**NCAA Approved Course

Summer Science Institute

Prerequisite: 3 Years of Science through the junior year – By Application

Grade(s): 11 (summer)

Credit: .5

This course is designed to provide an opportunity to review and expand principles and specifics in both Earth Science and Biology in a unique, outdoor setting. These experiences are certain to enrich students' lives and expand immeasurably their attitudes toward living organisms and their geological and biological environments.

The course involves extensive fieldwork in the study of the geological and biological aspects of many national parks including Yellowstone and the Grand Tetons. Other areas of study may include Glacier National Park, Badlands National Park, the Black Hills of South Dakota, and other national parks and monuments. Notes are taken on all fieldwork and an extensive final exam is given at the end of the course.

Social Studies Department

World History & Geography

Prerequisite: None

Grade(s): 9

Trimesters: 2

Credit: 1

World History & Geography is a two trimester class that explores the world from a global perspective beginning with the Middle Ages through the emergence of the first Global Age (1500 – 1800) during the A trimester. During the B trimester, students will learn about the Industrial Age, emergence of world superpowers, and Contemporary Global Issues (1700 – present) again, from a global perspective.

**NCAA Approved Course

United States History (A & B)

Prerequisite: None

Grade(s): 10

Trimesters: 2

Credit: 1

United States History is the study of American History from Imperialism and the turn of the 1900s to the present over two trimesters. The students study basic concepts and generalizations in American history. They examine the “why” of history as well as the “what”. Classroom activities encourage problem solving, critical thinking, and decision-making.

**NCAA Approved Course

United States History C

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

This class is designed to cover US history after 1980. The class will look at different issues from the past 40 years in a more in-depth manner drawing comparisons to other events, globalization and the continued threat of terrorism at home and abroad. This class will also help students have a better understanding of the United States in the current world and connections between more recent history and their lives. Topics will include, but not be limited to, Globalization of the United States, the changing role of the United States in the world, War on Terror, and Domestic/Foreign/Political Policy changes in the past 40 years.

Government

Prerequisite: None

Grade(s): 11-12

Trimesters: 1

Credit: .5

Government is a study of American form of government. Students will become informed on the purpose of governments and different styles of governing, how our Constitution was formed, the structure and functions of our national and state governments, the importance of individual freedoms in their life, the political and electoral process in America, and the characteristics of effective and appropriate citizenship.

**NCAA Approved Course

Economics

Prerequisite: None

Grade(s): 11-12

Trimesters: 1

Credit: .5

This class is designed to prepare the student to live in today's world. This class is a blended microeconomics and macroeconomics course. Some instruction/lessons dealing with personal finance will be included in order to help students prepare for future financial decisions.

**NCAA Approved Course

Current Events: Making History

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

Current Events: Making History is a one-trimester course designed for the student who is interested in staying apprised of current issues in our world, many of which have roots from our past. Designed as a fast-paced, intense course with a focus on current events, this class caters to the student whose interests include history, politics, governments, social studies, and debate. Discussion and research based, the course is designed to allow students the maximum ability to analyze current, relevant, and the historical beginnings of yet-to-be resolved international and national issues. The course content for this class may change each trimester as new topics come to the forefront. **Some topics may be sensitive to younger students. For example, The Opioid Epidemic, Sexual Harassment in the Workplace, our relationship with Russia, Wars/Conflicts, Immigration, Presidential Elections, Prison Reform in America, etc., could all be topics explored in this class.**

Student presentations are heavily utilized in this course.

**NCAA Approved Course

Early World History

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5

Students will study World History from the dawn of civilization through the Renaissance **mainly in the Western World**. Students will analyze not only the history through historical writings of the time, but also the art, architecture, music, and literature of the different cultures studied.

**NCAA Approved Course

Psychology

Prerequisite: None

Grade(s): 11-12

Trimesters: 1

Credit: .5

Psychology is the study of the individual. Students will learn about the development of psychology as a science, misunderstood problems in psychology, how people learn, intelligence, personality, mental illness, and death. Many experiments and group work are done as well as individual work.

**NCAA Approved Course

Sociology

Prerequisite: None

Grade(s): 11-12

Trimesters: 1

Credit: .5

Sociology is the study of society and human behavior. Students will explore how society influences individuals and how groups influence society. Major units of study include: the development of sociology as a science, culture, social institutions (family, religion, education, economics, government) and socialization, inequality, gender-identity, sexuality, groups, race, stereotypes, and aging. There are many other topics that may be covered depending on the amount of time in the trimester and student interests. Class discussion and presentations are utilized heavily in this class.

**NCAA Approved Course

Advanced Placement United States History

Prerequisite: Teacher recommendation if a student earned less than a “C” in U.S. History A & B.

Grade(s): 10-12

Trimesters: 3

Credit: 1.5

This year long course is designed for the student that wishes to receive college credit for a U.S. History course. Since most college programs require a course in U.S. History, this course is applicable for most degrees. The course content is geared to prepare students for the College Board AP exam, which is given in May. Students passing the exam are given college credit for a one-year U.S. History course. The course focuses on the study of the United States History from the Exploration Era to present day, and is taught at a college level. Students should expect homework every night (30-45 minutes per night). There is a large amount of reading expected of students in this class.

** NCAA Approved Course

Advanced Placement Government

Prerequisite: None

Grade(s): 11-12

Trimesters: 3

Credit: 1.5

This year long course is designed for the student that wishes to receive college credit for a political science course. Since most college programs require a course in political science, this course is applicable for most degrees. The course content is geared to prepare students for the College Board AP exam, which is given in May. Students passing the exam are given college credit for a one-semester political science course.

The first half of this course is focused on preparing students for the “We the People” competition. This competition allows students to research Constitutional issues and present in competitions at the regional, state, and national levels. This competition has been proven to provide students with a basic understanding of the application of constitutional principles that surpasses the knowledge gained by most students at the college level. Students participating in this competition gain critical thinking skills that prepare them for the college environment. This competition is especially appropriate for students who will pursue a Social Studies or Law degree. The second half of this course focuses on the study of the purpose and structure of the United States government, from its inception to present day.

**NCAA Approved Course

Advanced Placement Psychology

Prerequisite: None

Grade(s): 11-12

Trimesters: 3

Credit: 1.5

This course offers students the opportunity to earn college credit through a full year of psychology. The purpose of AP Psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with the major sub-fields within psychology. They learn about the methods psychologists use in their science and practice. Students develop thinking skills as they analyze and critique different areas of psychological research through both verbal and written communication. They will also read and summarize various pieces of psychological research. Students should expect homework every night (30-45 minutes per night). There is a large amount of reading expected of students in this class.

** NCAA Approved Course

Advanced Placement Macroeconomics

Prerequisite: None

Grade(s): 10-12

Trimesters: 2

Credit: 1

This two-trimester course is designed for the student that wishes to receive college credit for a Macroeconomics course. The course teaches critical thinking and logic as students deal with issues and develop a perspective and understanding of economic principles applicable to the economy as a whole. Since most college programs require a course in Macroeconomics, this course is applicable for most degrees. The course content is geared to prepare students for the College Board AP exam, which is given in May. Students passing the exam are given college credit for a one-semester Macroeconomics course.

**NCAA Approved Course

Vocational Education

Basic Drafting A

Pre-requisite: none

Class Fee: Based on extra supplies

Grade(s): 9-12

Trimesters: 1

Credit: .5

This is an introductory-level drafting course that is open to all students interested in drafting, engineering, architecture, construction, and/or interior design. This is a good general education course for any student. Knowledge of how to read and prepare drawings is valuable to everyone, no matter what his/her job or station in life.

During the first half of this course, students will learn the basic fundamentals of drafting. The instruction will include the care and use of drafting equipment, orthographic projections, lettering techniques, dimensioning standards, single view drawings, multi-view drawings, sectional drawings, and detail and assembly drawings. Good drafting technique and quality workmanship will be stressed throughout the course.

Basic Drafting B

Pre-requisite: Basic Drafting A

Grade(s): 9-12

Trimesters: 1

Credit: .5

The course is a continuation of Basic Drafting A where the students will learn computer aided drafting (AutoCAD). The instruction will include basic drawing operations on a CAD system including: objects, dimensions, hatch patterns, text, editing, layers, colors, linetypes, drawings aids, and printing/plotting. Students will be using the CAD system to create single view drawings, multi-view drawings, sectional drawings, and detail and assembly drawings.

Architectural Drafting 1A

Pre-requisite: Basic Drafting B

Class Fee: Based on extra supplies

Grade(s): 10-12

Trimesters: 1

Credit: .5

Students who are planning careers in architectural design, interior design, and/or construction are especially urged to consider this three-trimester level course. This course is designed to prepare students for entering a college-level drafting course. This course includes room planning techniques, fireplace details, residential floor plan design, foundation plans, floor-framing plans, roof-framing plans, and roof plans. Projects will be performed manually and on the computer using AutoCAD. Good drafting technique, quality workmanship, and design will be stressed throughout the course.

Architectural Drafting 1B

Pre-requisite: Architectural Drafting IA

Class Fee: Based on extra supplies

Grade(s): 10-12

Trimesters: 1

Credit: .5

This course is a continuation of the Architectural Drafting IA course that will continue with construction detail drawings. Drawings include: wall sections, foundation details, floor details, eave details, door and window details, stair details, full building sections, and interior elevation drawings. Projects will be performed manually and on the computer using AutoCAD. Good drafting technique, quality workmanship, and design will be stressed throughout the course.

Architectural Drafting 1C

Pre-requisite: Basic Drafting IB

Class Fee: Based on extra supplies

Grade(s): 10-12

Trimesters: 1

Credit: .5

This course is a continuation of the Architectural Drafting IB course that will continue with interior elevation drawings, plot plan and landscape layouts, electrical plans, and interior design presentations. Students will prepare a competition set of drawings taken from all three level courses to enter into the MITES competition. Projects will be performed manually and on the computer using AutoCAD. Good drafting technique, quality workmanship, and design will be stressed throughout the course.

Independent Study Architectural Drafting II A, B, C

Pre-requisite: Architectural Drafting IC and teacher permission

Class Fee: \$5

Grade(s): 11-12

Trimesters: 1, 2, or 3

Credit: .5 per trimester

Independent Study is for the student who desires to extend their learning in the architectural field. This course is designed to prepare college or work-bound students for the future. This class will be module-based where the students will respond to interviews of architects with their clients. Students will undertake a long term, brief-driven, team based design and building project where they will work in groups to create a marketing plan, produce appropriate materials and then present their solution to the entire class.

In this course, students will experience a practical overview of architectural history, learn about commercial construction, and realize the nature of architectural thought and design. The course includes: multi-family residential floor plan design, elevation drawings, plot plans, framing plans, construction detail drawings, and interior design presentations. Students will prepare a competition set of drawings to enter into the MITES competition. Projects will be performed on the computer using AutoCAD. Good drafting technique, quality workmanship, and design will be stressed throughout the course.

In this course, students will continue learning the importance of architectural design and its structural components. The course includes: commercial floor plan design, elevation drawings, plot plans, framing plans, construction detail drawings, and interior design presentations. Students will prepare a competition set of drawings to enter into the MITES competition. Projects will be performed on the computer using AutoCAD. Good drafting technique, quality workmanship, and design will be stressed throughout the course.

Engineering Drafting IA

Pre-requisite: Basic Drafting B

Class Fee: Based on extra supplies

Grade(s): 10-12

Trimesters: 1

Credit: .5

Students who are planning careers in engineering and/or industrial trades are especially urged to consider this course. The course is designed to prepare students for entering a college-level drafting course. Students will prepare a competition set of drawings to enter into the MITES competition. Students will also learn the SolidWorks software program, which is a 3D modeling program. The instruction will include basic drawing operations on a SolidWorks system including: extrusions, revolutions, cuts, sweeps, and lofts. Projects will be performed manually and on the computer using SolidWorks. Good drafting technique, quality workmanship, and design will be stressed throughout the course.

In this course, students will learn: use of scale, precision dimensioning techniques, isometric drawings, sectional drawings, auxiliary view drawings, and thread and fastener drawings.

Engineering Drafting IB

Pre-requisite: Engineering Drafting IA

Class Fee: Based on extra supplies

Grade(s): 10-12

Trimesters: 1

Credit: .5

The course is a continuation of Engineering Drafting IA where the students will learn about thread cams and gears, detail and assembly drawings, and 3D printing. Students will prepare a competition set of drawings to enter into the MITES competition as well as a 3D print of a part of their choice.

Independent Study Engineering Drafting II A, B, C

Pre-requisite: Engineering Drafting IB and teacher permission

Class Fee: \$5

Grade(s): 11-12

Trimesters: 1, 2, or 3

Credit: .5 per trimester

Independent Study is for the student who desires to extend their learning in the engineering field. This course is designed to prepare college or work-bound students for the future. Students will undertake a long term, engineering project that will fulfill necessary requirements to be entered into the MITES competition. Students will complete one/two projects per trimester.

Basic Woodworking (A and B)

Prerequisite: None

Class Fee: Price of choice project

Grade(s): 9-12

Trimesters: 2

Credit: 1

Basic woodworking is an introductory woodworking class designed to teach students' hands-on skills and safe equipment operation. Students are given a grade based on participation, quality of construction on projects, and safe operation of equipment. The first half of this course is designated to safety and the construction of a required project: the wall clock. During the second half of this course, students are given a choice of a project they want to complete that is furniture oriented.

Advanced Woodworking I (A and B)

Prerequisite: Basic Woodworking

Class Fee: Price of choice project

Grade(s): 10-12

Trimesters: 2

Credit: 1

Advanced Woodworking I allows students to enhance their creative woodworking skills. Students are given a grade based on participation, quality of construction on projects, and safe operation of equipment. In this class, students are allowed to choose any project they want as long as it is furniture oriented. All projects are geared for competition in the annual MITES convention.

Advanced Woodworking II (Independent Study)

Prerequisite: Successful completion of Advanced Woodworking I

Class Fee: \$5 and Price of choice project

Grade(s): 10-12

Trimesters: 1

Credit: .5

This course is a continuation of Advanced Woodworking I with an emphasis on preparing for competition in the annual MITES convention. Students are given a grade based on participation, quality of construction on projects, and safe operation of equipment. **Students must get teacher permission to take this class.**

World Language Department

All language classes are two trimesters in length, with the exception of the AP courses, which are 3 trimesters in length. Students wishing to continue on to the next level of the language have the option of ‘looping’. In “looping”, the student may begin the next level of the language in the third trimester, and continuing that level in the first trimester of the next school year. Looping is highly recommended. Material retention is greater with fewer gaps between trimesters. If looping is not possible due to scheduling conflicts, an independent review of material is highly suggested to make up for time off between trimester courses.

Exploring Chinese Culture

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5 (elective credit)

In this class you will learn about the culture, customs, people, and history of the Chinese-speaking world. The influence China has had throughout history in the other Asian countries will be explored. Topics covered will include: art, history, architecture, music/dance, Chinese calligraphy, current issues, travel and government.

Exploring German Culture

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5 (elective credit)

In this class you will learn about the culture, people, and history of the German-speaking world. Topics will include, but not be limited to, festivals, art, government, travel, current issues and food. Students will create a virtual trip to the target language country.

Exploring Hispanic Culture

Prerequisite: None

Grade(s): 9-12

Trimesters: 1

Credit: .5 (elective credit)

In this class you will learn about the daily life, people, and history of the Spanish-speaking countries. Topics will include, but not be limited to, festivals, art, government, travel, current issues and food.

Mandarin Chinese I

Prerequisite: None

Grade(s): 9-12

Trimesters: 2

Credit: 1

Mandarin Chinese I will focus mainly on speaking, listening, and reading but less on writing. Pronunciation and 漢語拼音 are the primary targets. Pinyin is the major tool used. About 200 traditional characters will be presented to students, but only approximately half of the words need to be recognized. These 100 characters are learned by means of daily flash cards. Dialogues, listening activities and games are among the learning activities. Daily tasks are included in the textbook. Students will write many simple sentences in Pinyin.

**NCAA Approved Course

Mandarin Chinese II

Prerequisite: Chinese I

Grade(s): 9-12

Trimesters: 2

Credit: 1

Mandarin Chinese II will continue the previous learning and move onto various life topics. The vocabulary learned in level I is reviewed in different contexts. More words, phrases and sentences are introduced to enhance students' knowledge and skills in the Mandarin Chinese language and culture. Character recognition is gradually required more from this level with two weekly quizzes on character recognition. Oral practice and training are still emphasized. Therefore, reciting short passages is important. Students continue writing short sentences and begin to progress toward longer sentences.

**NCAA Approved Course

Mandarin Chinese III

Prerequisite: At least a C in Chinese IIB or instructor's permission

Grade(s): 9-12

Trimesters: 2

Credit: 1

Mandarin Chinese III continues from level II and moves onto the higher level of reading and writing. Mandarin Chinese character recognition is requested more to read and make longer sentences and short passages. Students need to use the new vocabulary in their conversations and writings. Grammar patterns will become more sophisticated, but new vocabulary will be taught with reference to similar words learned previously. Several short projects will be undertaken.

**NCAA Approved Course

Mandarin Chinese IV

Prerequisite: At least a C in Chinese IIB or instructor's permission

Grade(s): 9-12

Trimesters: 2

Credit: 1

Mandarin Chinese IV continues from level III and moves to a variety of daily words and reading. More idioms are included at this level. Speaking, listening, writing, and reading are equally important. Several projects will be undertaken to simulate real-world language use. Students are encouraged to interact with Chinese friends or the Chinese community. Chinese characters are used almost exclusively.

**NCAA Approved Course

German I

Prerequisite: none

Grade(s): 9-12

Trimesters: 2

Credit: 1

The students are introduced to the four basic language skills: listening, speaking, reading, and writing. Early emphasis is placed on learning the pronunciation of the new language. The textbook series includes listening exercises, videos, and supplementary material, which place students in common everyday situations. The language and different customs of Germany are presented through these real life situations. Cultural differences are also discussed. Students must pass German IA to continue on to German IB. Due to the cumulative nature of a language, it is highly recommended that students achieve a high level of success in each course in order to be prepared for the next level of language study.

**NCAA Approved Course

German II

Prerequisite: German I

Grade(s): 9-12

Trimesters: 2

Credit: 1

German II is an extension of German I. The same textbook series is used implementing the four basic language skills. More emphasis is placed on the structure and grammar of the language. The students will be expected to respond to and act out real life situations. The student continues to build vocabulary as well as a better understanding of another culture. A one-month exchange program is available to students who have successfully completed German II. A German student is hosted in the spring and our students make the reciprocal visit in the summer. Students must pass German IIA to continue on to German IIB. Due to the cumulative nature of a language, it is highly recommended that students achieve a high level of success in each course in order to be prepared for the next level of language study.

** NCAA Approved Course

German III

Prerequisite: At least a C in German IIB or instructor's permission

Grade(s): 10-12

Trimesters: 2

Credit: 1

German III is designed for the student who is serious about the language. The student will learn more details about the structure and grammar of the language. The student will expand his/her vocabulary and will begin to learn the language involved in making decisions and expressing opinions on issues. German III prepares the student for advanced college placement and generally gives the student a solid base if the student decides to continue his/her language learning. Students must earn at least a C in German IIIA to continue on to German IIIB.

*As with German II, students have the availability to participate in our one-month exchange program.

**NCAA Approved Course

German IV

Prerequisite: At least a C in German IIIB

Grade(s): 11-12

Trimesters: 2

Credit: 1

German IV will continue to expand the solid language base built in German III. Points of emphasis will include vocabulary building, reviewing and expanding grammar concepts, and reading short magazine and newspaper articles as well as short stories in German. German IV is recommended for the student who plans to pursue a language related career. Students will be encouraged to use the target language as much as possible in both written and verbal communications. Students must earn at least a C in German IVA to continue on to German IVB.

*Students are encouraged to participate in the exchange program that is available to them.

**NCAA Approved Course

Advanced Placement (AP) German

Prerequisite: Complete German IVB with a B- or better average

Grade(s): 12

Trimesters: 3

Credit: 1.5

Advanced Placement German will be designed for the serious language student who is planning to continue studying the language at the college level. All the basic language skills will be reviewed with special emphasis on speaking. Instruction will be given in the target language. In addition to the basic skills review, all the grammar will be reviewed and expanded. Upon completion of three trimesters of AP instruction, the student will be encouraged to take the AP Exam and qualify for college credit.

**NCAA Approved Course

Spanish I

Prerequisite: None

Grade(s): 9-12

Trimesters: 2

Credit: 1

Spanish I at the high school level is designed to teach students to develop skills in basic listening, speaking, reading, and writing. Approximately 1000 words in the target language will be presented. Methodologies used to promote development of skills will be done through the use of audio/visual tools, games, computers, peer instruction, teacher/student conversations and through regular daily assignments. Comparing and contrasting Hispanic vs. non-Hispanic cultures is integrated into each instructional unit focusing on major aspects of daily living. Students will acquire basic language skills allowing them to communicate in Spanish in lifelike situations relevant to the home, school, careers, and broader cultural events. Students must pass Spanish IA to continue on to Spanish IB. Due to the cumulative nature of a language, it is highly recommended that students achieve a high level of success in each course in order to be prepared for the next level of language study.

**NCAA Approved Course

Spanish II

Prerequisite: Spanish I

Grade(s): 9-12

Trimesters: 2

Credit: 1

Spanish II is a course in which the students' listening, speaking, reading, and writing skills will be further developed. Additional vocabulary will include approximately 1000 words. The Spanish grammar is more detailed. Second year Spanish includes further study of cultural similarities and differences and an overview of Spanish artists. Teachers will speak in Spanish for more of the class hour than in first year Spanish. Students must pass Spanish IIA to continue on to Spanish IIB. Due to the cumulative nature of a language, it is highly recommended that students achieve a high level of success in each course in order to be prepared for the next level of language study.

**NCAA Approved Course

Spanish III

Prerequisite: At least a C in Spanish IIB or instructor's permission

Grade(s): 10-12

Trimesters: 2

Credit: 1

Spanish III will build on skills introduced in Spanish I and further developed in Spanish II. The vocabulary will be augmented by approximately 1000 words. Grammar points will be detailed. There will be heavy emphasis on speaking and listening skills. The goal of the class will be to develop self-expression skills in Spanish. Students must earn at least a C in Spanish IIIA to continue on to Spanish IIIB.

**NCAA Approved Course

Spanish IV

Prerequisite: At least a C+ in Spanish IIIB

Grade(s): 11-12

Trimesters: 2

Credit: 1

Spanish IV is a natural extension of Spanish III with more emphasis on the skills of speaking and understanding, especially in a natural context. The students will concentrate on spontaneous conversation in Spanish. In reading and writing, the students will use the dictionary less and be able to write and understand without the intermediate action of translation to and from English. Most of the class will be conducted in Spanish. Students must earn at least a C+ in Spanish IVA to continue on to Spanish IVB.

**NCAA Approved Course

Advanced Placement (AP) Spanish

Prerequisite: Complete Spanish IVB with a B- or better average

Grade(s): 12

Trimesters: 3

Credit: 1.5

AP Spanish Language is comparable to an advanced level (5th and 6th- semester or the equivalent) college Spanish Language course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar, and composition. Students will receive extensive training in combining listening, reading, and speaking (or listening, reading and writing) skills.

The course objectives are to help you:

- Understand Spanish spoken by native speakers at a natural pace, with a variety of regional pronunciations, in both informal (interpersonal) and formal (presentational) contexts;
- Develop an active vocabulary sufficient for reading newspaper and magazine articles, contemporary literature, and other non-technical writings (websites, letters and emails, advertisements, signs and instructions) in Spanish without dependence on a dictionary;
- Express yourself by describing, narrating, inquiring, and developing arguments in Spanish, both orally and in writing, with reasonable fluency, using different strategies for different audiences and communicative contexts.

In this course, special emphasis is placed on the use of authentic source materials and the integration of language skills. Instruction is given in the target language. Upon completion of three trimesters of AP instruction, students will be encouraged to take the AP exam and qualify for college credit.

**NCAA Approved Course. www.collegeboard.com

Specialized Areas of Study

Edgenuity/Online Credit Recovery (formerly E2020)

Edgenuity is a credit recovery program available to HHS students. Edgenuity provides individual online virtual instruction in all of the core courses and a few selected elective courses. Edgenuity courses are available during the school day, after school hours or in the summer. After school or summer courses can be taken for students in need of extra credits for a fee. Enrollment is limited and requires counselor/administrator approval.

*****Edgenuity courses do NOT count toward NCAA eligibility requirements.**

Work-Based Learning (Co-op)

Prerequisite: None

Grade(s): 12

Trimesters: 1, 2 or 3

Credit: .5 per trimester

This program allows students the opportunity to apply previous learning in a work based setting while receiving “hands-on” on-the-job training. Co-ops can be paid or unpaid work experiences (hospitals or non-profit organizations). Students must take a class related to their placement position. A training agreement will be setup between the student, school, and placement location indicating that the employer is willing to provide the student with the opportunity to learn and apply job skills. Employers must also provide proof of worker’s disability compensation and general liability insurance. Students are required to submit bi-weekly time reports, attend seminars, and meet state legal requirements. Work-Based Learning is available on a 1 or 2 hour block schedule. This class will be assessed on a credit/no credit basis, instead of a letter grade.

Independent Study

Prerequisite: none

Grade(s): 10-12

Trimesters: 1

Credit: .5

A student may receive high school credit through independent study with a counselor, teacher, department chair and principal approval. There are two categories of independent studies: 1) taking a course already offered independently due to a scheduling conflict, and 2) completing the most advanced course in a department and then setting up an independent study for further coursework in that department. Students interested in an independent study should pick up an Independent Study Approval Form from the guidance office.

Dual Enrollment

Prerequisite: must qualify by PLAN, PSAT, ACT, SAT or MME Scores

Grade(s): 10-12

The purpose of the Dual Enrollment Program (based on the Post Secondary Enrollment Option Act of 1996) is to offer a wider variety of options by enabling qualified students to enroll in courses or programs in eligible post secondary institutions. To be eligible, students must be in 10th or 12th grade and enrolled in at least one Hudsonville High School class. Sophomores and juniors can use the PLAN or PSAT scores to qualify for dual enrollment. Once a junior has taken the MME in the spring of their junior year, their MME scores will be used to qualify. Hudsonville Public Schools **will pay a portion of the tuition** based on the district’s per-pupil foundation allowance. Interested students should see their counselor well in advance of the semester in which they plan to enroll.

SAT Prep

Prerequisite: none

Grade(s): 11

Trimesters: 1

Credit: .5

This course is designed to prepare and get students comfortable with the features and format of the SAT college entrance exam. Students will learn test taking strategies and time management skills. They will have the opportunity to take SAT practice tests as well as utilize the Khan Academy SAT practice program. During the trimester, students will go through two rotations including 1) math, and 2) ELA. This course will be offered in the winter trimester.

LINKS

Prerequisite: Application and Teacher/Counselor Approval and/or interview

Grade(s): 11-12

Trimesters: 1, 2 or 3

Credit: .5 per trimester

The student enrolled in LINKS will be a mentor, role model, and friend to a student on the Autism Spectrum or a student with other special needs. In this role, the LINK student will be with their assigned student a minimum of one class period per day. In addition to being a mentor, role model and friend, they will assist the ASD student in such things as appropriate classroom behavior, organization of assignments and supplies, and focusing on the learning targets. The LINK student will attend Case conferences to discuss the progress of their LINK student, and contribute ideas on how to more effectively help the student's progress toward his/her goals. During a normal school week, the LINK student will be required to access online reading materials related to autism spectrum disorder and other disabilities, as well as methods/techniques for working with special needs students. Students will work online through Moodle to complete journals, modules, quizzes, and articles. They will also complete a self-evaluation, cumulative final project and receive a teacher evaluation for their final grade.

Leadership Academy

Prerequisite: None

Grade(s): 11-12

Trimesters: 1

Credit: .5

Leadership Academy is a trimester-long course designed for students to discover personal strengths and develop research-based leadership principles. The long-term focus of the class is to foster strong, leadership qualities in our students. In return, this will help our students to become leaders in their post-high school arenas of higher education, professions, communities, and world. This blended learning leadership course will combine a large group lecture setting with an online component. The large group lecture (limit 40 students) will provide our students a college readiness setting while also utilizing 21st Century Skills.

Format:

Students will meet in the classroom setting three days a week, typically on Monday, Wednesday and Friday. In addition to the in-class activities, the students will participate in a servant leadership experience through a partnership with the UGIVE Foundation. During this servant leadership activity, students will identify, research and present on a local non-profit. Non-student contact days will be used to work on online activities, multi media content and preparation for servant leadership presentations.

This course will be lead by Mr. Wolma with the assistance of the administrative team. Students will be assigned to an administrator to guide and mentor them through their servant leadership experience.

Careerline Tech Center

Careerline Tech Center (CTC) provides career education to juniors and seniors in high school and offers the opportunity for students to gain skills and/or prepare for post-secondary education in one of 28 programs. Tech Center classes are free. Programs are offered Monday through Friday and students attend for a half-day either in the morning or the afternoon. Interested students and parents can get more information on Careerline Tech Center by visiting the website at <http://www.oaisd.org/ctc/programs/programsbycareerpathways/>.

Each year, CTC has an open house in October and again in February for parents and potential students to visit the programs and talk with instructors. In February, 10th and 11th grade students have the opportunity to visit programs at the Tech Center before selecting a program for the following year. CTC has articulation agreements with many area colleges and universities. Those agreements give students the chance to earn college credit while still in high school. Direct college credit may be an option for some students. Early college options allow students to enroll, while at the Tech Center, as a college student. All work is completed at CTC and is part of the standard curriculum. College credit is earned and placed on a transcript to follow students to the college of their choice upon high school graduation.

While Tech Center credit is earned as electives, Tech Center students have the opportunity to receive academic credit (4th Year Math, Visual/Performing Arts and an on-line learning experience). All academic credits may not be available in all programs. Check with your high school counselor.

Natural Resources and Agriscience Pathway

Agricultural/Animal Science – Students will gain an awareness of environmental, horticultural, and animal sciences, Areas of study include sustainable agriculture, horticulture, and greenhouse systems as well as animal anatomy/physiology, nutrition, reproduction, and health.
(Open to juniors and seniors, this is a one year program.)

Natural Resources & Agriscience – Students will explore the environment and how it's impacted by human interactions. Areas of study include forestry, soil chemistry, plant and wildlife identification and ecosystems.
(Open to juniors and seniors, this is a one year program.)

Arts and Communications Pathway

Graphic Design – The fundamentals of drawing and design are combined with computer software skills to produce original graphic design work and illustrations. Computers are used to produce high quality projects that are assembled into a portfolio.
(Open to juniors and seniors, this is a one year program.)

Media Communications – The focus of this program is production as students learn video production, editing, and broadcasting. Students learn to operate video cameras, sound and mixing boards, and lighting in a production studio and in remote locations.
(Open to juniors and seniors, this is a one year program.)

Printing & Imaging Technology – Students learn all aspects of printing from graphic design to digital imaging to final printed product. In addition, students assemble and maintain a portfolio of their work.
(Open to juniors and seniors, this is a one year program.)

Business, Management, Marketing & Technology Pathway

Culinary Arts – Students learn about the hospitality field focusing on culinary and arts. They learn food and beverage production, nutritional values, proper cooking methods, sanitation.
(Open to juniors and seniors, this is a one year program.)

Business Management – Students learn the functions of marketing, economics, promotion, distribution, finances, hospitality, running the school store, Port 31. Students collaborate on all areas of the business as a staff.
(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

Entrepreneurship & Global Business – Students develop a business plan for their own businesses as well as manage a virtual, global business as a class.
(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

Pastry Arts & Baking - Students learn to prepare cakes, cookies, breads, pies and other baked goods. In addition, there is a focus on customer service, business math and finance.
(Open to juniors and seniors, this is a one year program.)

PC & Network Technologies – In PC & Network Technologies, our goal is to expose students to a well-rounded information technology curriculum, which will allow them to make educated career and life decisions. Students learn skills in PC hardware and operating systems; network topologies, protocols, and operating systems; and Internet technologies. Successful completion of the program will result in opportunities for program and industry certifications.

(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

Web & Game Development – Students can expect a fast, project-based environment for learning web, mobile, PC, and Xbox game development. Emphasis is placed on IT Core Fundamentals during year one. Second year students will choose a focus from Jr. Game Developer, Jr. Web Developer or Server Administration.

(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

Engineering/Manufacturing and Industrial Pathway

Auto Body Repair – Students gain skills needed to repair damaged vehicles by learning dent removal, welding techniques, body and frame alignment, panel replacement, surface preparation, estimating skills, and painting.

(Open to juniors and seniors, this is a one year program with a second year of extended curriculum.)

Automotive Technology – Students put classroom knowledge and training into action by applying their training to production work in the automotive lab. Among the services learned are tire service, tune-ups, electrical circuits, suspensions, brakes, and electronics. State of Michigan certifications are available to those who qualify.

(Open to juniors and seniors, this is a two year program.)

Building Tech & Construction Management – Students study all aspects of the construction industry including blueprint reading, framing, roofing, siding, masonry, and basic carpentry skills. Students gain experience by building the Tech Center project house. “Green” technology in building/construction is taught.

(Open to juniors and seniors, this is a two year program.)

Diesel/Heavy Equipment Mechanics – The operation, maintenance, and overhaul of diesel-powered equipment is learned, specializing in heavy equipment, trucking, and automotive applications. Second year students expand their knowledge of diesel-powered engines by working on actual customer equipment.

(Open to juniors and seniors, this is a two year program.)

Electrical/Alternative Energy – Students learn residential, commercial, and industrial electricity. Electrical theory, blueprint reading, conduit bending, wiring and lighting are included. Students also learn about renewable/sustainable energy sources.
(Open to juniors and seniors, this is a one year program.)

Engineering Design & Machine Technologies – Students obtain technology skills in engineering and machining. They build and test prototype parts and assemblies of products, tools, and machines used in the automotive, manufacturing, and construction industries. In addition to using the latest engineering and design software, students gain practical experience working with lathes, mills, and surface grinders.
(Open to juniors and seniors, this is a one year program.)

Mechatronics/Robotics – Students learn electronics, robotics, equipment controls and sensors, and programming used in electro-mechanical systems. Students design and build vex robotic systems and an electric race car.
(Open to juniors and seniors, this is a one year program.)

Plumbing & Water Systems – Residential and basic commercial plumbing, layout, and the design of plumbing systems are covered in this program. Students learn soldering and brazing of copper tubing and cutting, threading and grooving of steel pipe for gas and fire protection. Students gain actual experience at the CTC project house.
(Open to juniors and seniors, this is a one year program.)

Welding – Students learn the basics of welding including the design, layout and fabrication of metals, the identification of metal and alloy properties, and fluxcore and plasma arc cutting.
(Open to juniors and seniors, this is a two year program.)

Health Sciences Pathway

Advanced Healthcare – In the Advanced Healthcare program, students build on health foundations learned in the first year. Advanced skills include: EKG (pulse points, EKG rhythms), dressing changes (sterile dressing changes, irrigating a wound), catheters, colostomy, pre/post operative care (pulse oximeter, breathing treatments), injection techniques (types of injections, injection sites), intravenous fluids (IV pump), and tracheotomy care.
(Open to seniors only, this is a one year program.)

Certified Nurse Aide (CNA) – This class will prepare students to become a certified nurse aide. Students learn to document and report on patients, check vital signs, administer medications and/or treatments, apply dressings and bandages, and help keep patients clean.
(Open to juniors and seniors, this is a one year program.)

Dental Careers – This class will prepare students to become a chairside dental assistant. Students also have the opportunity to explore other careers in the dental field including dental hygienists, dental laboratory technicians, registered dental assistants, and dentists.
(Open to juniors and seniors, this is a one year program.)

Emergency Medical Services – Students are trained to become emergency medical technicians. Students assess patients involved in different types of medical emergencies and trauma, and study treatment procedures.
(Open to seniors only, this is a one year program.)

Healthcare Foundations – Students learn basic patient care such as temperature, blood pressure, pulse and breathing rates, and the use of computers in healthcare. Students have the opportunity to become certified in Phlebotomy (drawing blood).
(Open to juniors and seniors, this is a one year program.)

Human Services Pathway

Cosmetology – In this program, students learn services offered in a salon including hair shaping and styling, manicures, facials, and waxing. There is a fee for students, which covers a mannequin, textbook, hair sheers, razor, and uniform. Classes are taught at Tulip City Beauty College in Holland, Michigan.
(Open to seniors only, this is a one year program.)

Teacher Academy – This class is for students who are preparing for a career in education. Students explore human growth and development, diversity, ethics and professional responsibility, and health and safety. Students apply knowledge of teaching while delivering instruction through various field placements.
(Open to juniors and seniors, this is a one year program.)

Public Safety & Security Services – This class trains students in the protection of people. Students are introduced to the role of law enforcement, public safety, and security services in our community. Areas of study include Michigan law, the court system, corrections, emergency procedures (including CPR and first aid), and investigative procedures.
(Open to juniors and seniors, this is a one year program.)

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