

EDGERTON HIGH SCHOOL



PATHWAY TO YOUR FUTURE

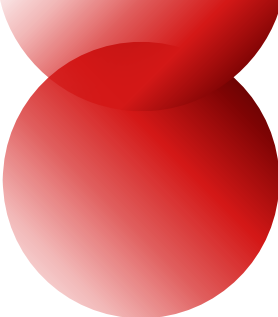


200 Elm High Drive, Edgerton, WI

Table of Contents



Principal Welcome	03	Cross-Cutting Clusters	37
Profile of a Graduate	04	Management & Entrepreneurship	38-39
Graduation Requirements	05	Digital Technology	39
College & Career Pathways Options	06	Financial Services	40
HS Courses for College Credit	07-08	Supply Chain & Transportation	40
Career Clusters	09	Construction	41
Life Ready Required Courses	10	Advanced Manufacturing	42-43
English	11-15	Education	44
Math	16-19	Healthcare & Human Services	45
Science	20-24	Public Service & Safety	46
Social Studies	25-28	Hospitality, Events, & Tourism	46
Physical Education	29	Academic Support	47
Spanish	30	Clubs & Activities	48-50
Agriculture	31-32	WIAA Athletics	51
Arts, Entertainment, & Design	33-36	Four-Year Plan	52-53



Dear Students, Parents, and Guardians,

The Career Pathways Handbook is your essential guide — think of it as the blueprint for your next four years and beyond! Choosing your classes isn't just about filling a schedule; it's about making powerful decisions that shape your future. The classes you select will have a huge impact on sparking your passion, supercharging your career readiness, boosting your class standing, and opening doors to college and career.

Your Essential Planning Checklist

It is crucial that you review this handbook carefully with your student before entry into freshman year, and every year thereafter. A four-year plan is necessary, and it must have a focus in mind: What truly excites your child? What are their natural talents that could lead to a good career choice? What standard of living, lifestyle, and work environment is most appealing? Will they attend college, technical college, enlist in the military, or prepare for a career right after graduation?

Note: These plans will likely change before graduation, but every student will complete an Academic and Career Plan (ACP) that will be updated and reviewed annually, per the Education for Employment Act (PI-26).

Need Guidance? We're Here to Help!

If you have questions or need advice, the place to begin is with your student's school counselor. EHS provides two full-time school counselors: Mrs. Becky Rose works with students with last names A-K, and Mrs. Erin Springstead works with students with last names L-Z. If you have questions on a specific course, feel free to contact the instructor of that course.

Career Pathways Equivalency Options

Students have flexibility in meeting the Math and Science requirements. To fulfill one of the 3 required math credits, a student may take 1 credit from a Board approved math equivalency course such as Intro to Coding, Advanced Coding, Food Quantities and Measures, or Construction (Framing, Electrical, & Plumbing). Similarly, to fulfill one of the 3 required science credits, a student may take 1 credit from a Board approved science equivalency course such as Veterinary Science, Wildlife Ecology, Food Science and Processing, or Plant and Soil Science.

Sincerely,
Dr. Mark Coombs
High School Principal

Profile of a Graduate

The Edgerton School District's commitment to developing well-rounded, compassionate individuals is evident in its approach to education. Students are guided to become "Life Ready," acquiring not only academic knowledge but also essential skills for personal well-being, allowing them to confidently navigate future challenges. This focus on personal growth is complemented by a curriculum that fosters well-informed citizens who are curious, collaborative, and dedicated to creating a safe and respectful community.

As a result, Edgerton graduates are prepared to thrive in an ever-changing world as lifelong learners, effective communicators, and creative problem-solvers. The district's emphasis on leadership and equity ensures that students are empowered to respect differences, eliminate barriers, and foster a strong sense of belonging, both within their school and beyond.

WE ARE LIFE READY.

- We have skills and strategies to cope with life challenges.
- We utilize strategies for personal well-being.
- We know our talents and passions and how they will support our future journey.

WE ARE WELL INFORMED CITIZENS.

- We are curious.
- We collaborate with our community.
- We create and maintain a safe, respectful, and supported community.

WE THRIVE IN AN EVER-CHANGING WORLD.

- We are lifelong learners.
- We have 21st century communication skills.
- We are problem solvers.

WE ENCOURAGE AND EMPOWER OTHERS.

- We utilize leadership skills.
- We respect differences.
- We identify and eliminate barriers to equity.
- We foster belonging.

Curriculum and Academic Excellence

❖ Graduation Requirements

Students graduating from EHS need 24 credits and must pass the WI Civics Assessment.



Math, Science and Personal Finance

3.0 credits of math courses
3.0 credits of science courses
0.5 credit of personal finance



English & Social Studies

4.0 credits of English
3.0 credits of social studies



Physical Education & Health

1.5 credits of physical education
0.5 credit of freshman seminar
0.5 credit of health



Electives

8.0 credits of electives
There are a wide range of courses to choose from to explore passions and career pathways.



College and Career Pathway Options



BLACKHAWK
TECHNICAL COLLEGE



Dual Enrollment through Universities and Technical Colleges

Dual enrollment includes a variety of programs through which high school students are enrolled simultaneously in both high school and college to earn both high school and college credit. These opportunities make college more affordable for families and introduces students to higher level coursework. Tuition fees apply.

Advanced Placement Courses

Advanced Placement (AP) allows high school students to challenge themselves academically by taking college-level courses while in high school. Students enrolled in AP courses will have the opportunity to take the AP exam in the spring to potentially receive college credits based on their exam score and the receiving institution. There is an AP exam fee.

Early College Credit Program & Start College Now

These programs allow students to take one or more courses at a Wisconsin university, college, or technical schools. Students can explore any courses through not offered at EHS. Application deadlines are October 1 and March 1 and students need to meet college admission requirements.

Youth Apprenticeship

Youth Apprenticeship (YA) is a one or two-year program for 11th and 12th grade students that integrates school-based and work based learning to instruct students in employability and occupational skills defined by WI industries. Students are simultaneously enrolled in academic classes and employed by a participating employer under the supervision of a skilled mentor.

Industry Recognized Credentials

IRCs are certifications that are vetted by employers and serve to recognize skill attainment. EHS offers: CNA, Firefighter 1, EMT, Snap On - PMI, Solidworks, Adobe Photoshop, Microsoft Office Specialist, Assistant Childcare Teacher, Infant & Toddler Teacher, Childcare Teacher.



EHS Courses for College Credit

ADVANCED PLACEMENT COURSES

The following is a guide of our Advanced Placement Courses (AP). These courses offer students the opportunity to earn college credit upon successful end-of-course test scores.

AP Biology	AP Computer Science (WVS)	AP Psychology	AP Human Geography
AP Calculus AB	AP English Literature & Composition	AP Statistics	AP US History
AP Chemistry	AP Environmental Science	AP Studio Art -2D Design	 CollegeBoard

DUAL CREDIT COURSES: The following is a quick guide of our courses that allow students to earn college credit while learning from their high school teacher.

Cooperative Academic Partnership Program (CAPP), College Credit in High School, and Partners in Education (PIE) courses are a convenient and affordable way for high school students to earn concurrent high school and college credit, while developing key skills for future success.

University	Course Name (courses taught by EHS teachers)
 UNIVERSITY of WISCONSIN GREEN BAY	Calculus and Analytical Geometry 1 Pre Calculus
 UNIVERSITY of WISCONSIN WHITEWATER	Introduction to Statistical Reasoning and Analysis
 UWO UNIVERSITY of WISCONSIN OSHKOSH	Spanish 5 Intro to Women's and Gender Studies



BTC & UWW Courses

BLACKHAWK TECHNICAL COLLEGE COURSES (taught by EHS teachers)



Advanced Standing (AS) mean students have the course listed on their technical college transcript with no grade and can bypass courses at Blackhawk Technical College.

Accounting I	Business Applications	Trade Math
Advanced Welding	Craftsman with Character	Welding & Metal Fabrication
Animal Science	Food Quantities & Measures	Plant & Soil Science

Transcripted Credit (T) courses can earn college credit, thus allowing students to save time and money.

Contemporary Healthcare Practices	Fire Cadet Program	Teacher Education Program
Criminal Justice System	Nursing Assistant	

WARHAWK DUAL ENROLLMENT ACADEMY (taught by UWW faculty)

Warhawk Dual Enrollment Academy courses are designed specifically for high school dual enrollment students. Experience classes **taught by UW-Whitewater faculty** specifically designed for high school students for \$110 per credit. Classes are online, asynchronous and are built to fit your schedule.



Introduction to Personal Finance	Introduction to College Writing and Reading	Introduction to College Writing, Reading and, Research	Introduction to Philosophy
----------------------------------	---	--	----------------------------

Career Interest Survey: Cluster-by-Cluster Edition



Career Clusters are a way to explore the world of work by grouping similar careers and industries together - such as healthcare, digital technology, design or education. This helps you see how your interests and strengths connect to real opportunities. But in real life, careers do not always fit into neat boxes. Skills you build in one Cluster can transfer to others, and many jobs involve work across multiple fields.

This activity is based on Advance CTE's National Career Clusters Framework, which is used in schools and Career Technical Education (CTE) programs to help learners like you explore options, build skills, and get ready for what comes next. Whether you plan to go to college, start a job, or explore hands-on training, CTE programs can help you take the first step.

As you go through the survey, think about what you enjoy doing, what you're good at, and what kinds of problems you want to help solve in your community and the world. Your answers will point you toward Career Clusters that are a great place to start learning more about your future.

- There are 14 Career Clusters to explore. Each Career Cluster is represented by the table to the right.
- Ready to see where you fit? [CLICK HERE](#) to take the Career Interest Survey. It only takes a few minutes, and the results will be emailed directly to you.
- After you've completed the survey, look at your top three scores. These are great places to start exploring careers and subjects that might be a good fit for you!
- This course booklet is organized with these Career Clusters in mind. You can find courses that align to your interests and offer you an opportunity to explore a variety of future careers.

Caring for Communities Education Early Childhood Development Education Administration & Leadership Learner Support & Community Engagement Teaching, Training, & Facilitation Healthcare & Human Services Behavioral & Mental Health Biotechnology Research & Development Community & Social Services Health Data & Administration Personal Care Services Physical Health Public Service & Safety Emergency Response Judicial Systems Local, State, & Federal Services Military & National Security Public Safety	Building & Moving Advanced Manufacturing Engineering Industrial Machinery Production & Automation Robotics Safety & Quality Assurance Construction Architecture & Civil Engineering Construction Planning & Development Equipment Operation & Maintenance Skilled Trades Supply Chain & Transportation Air & Space Transportation Ground & Rail Transportation Maintenance & Repair Marine Transportation Planning & Logistics Purchasing & Warehousing	Connecting & Supporting Success** Digital Technology** Data Science & AI IT Support & Services Network Systems & Cybersecurity Software Solutions Unmanned Vehicle Technology Web & Cloud Management & Entrepreneurship** Business Information Management Entrepreneurship & Small Business Leadership & Operations Project Management Regulation Marketing & Sales** Market Research, Analytics, & Ethics Marketing & Advertising Retail & Customer Experience Strategic Sales
Creating & Experiencing Arts, Entertainment, & Design Design & Digital Arts Fashion & Interiors Fine Arts Lighting & Sound Technology Media Production & Broadcasting Performing Arts Hospitality, Events, & Tourism Accommodations Conferences & Events Culinary & Food Services Travel & Leisure	Cultivating Resources Agriculture Agribusiness Agricultural Technology & Automation Animal Systems Food Science & Processing Plant Systems Water Systems Energy & Natural Resources Clean & Alternative Energy Conservation & Land Management Ecological Research & Development Environmental Protection Resource Extraction Utilities	Investing in the Future Financial Services Accounting Banking & Credit Financial Strategy & Investments Insurance Real Estate **Cross-Cutting Clusters Denote careers that overlap in all industries, highlighting the versatile and interconnected nature of today's workforce. These careers can stand on their own or be contextualized in each Cluster and emphasize the need for adaptability in navigating the modern economy. Notes: Clusters are listed in alphabetical order. Clusters and Sub-Clusters represent the entire world of work (see definitions).

LIFE READY COURSES

REQUIRED COURSES FOR GRADUATION

Grade 9

Freshman Seminar

Length of Course: 1 semester

Number of Credits: .5

In Freshman Seminar, students will focus on learning more about themselves and their interests and aptitude as well as learning study skills, life skills, employability/professional skills, and career knowledge. Students will make educated choices about their future course selections based on research and experiences, and they will begin to understand why the content courses are important for their success. Additionally, students will learn about necessary social skills to successfully navigate their high school experience. Additional topics of Freshman Seminar include friendships, dating, sexuality, mental wellbeing, stress management, and negative impacts of drug and alcohol use.

Grade 11

Healthy Living

Length of Course: 1 semester

Number of Credits: .5

Analyzing influences, accessing information, interpersonal communication, decision-making, goal setting, self-management, and advocacy are the skills learned and applied in Healthy Living. Juniors will focus on these skills in learning about the ideas of wellness, post-secondary options (including college life), financial management, relationships and marriage, pregnancy, prenatal development and birth, nutrition and disease prevention, and life-saving skills of CPR, CCR, and AED.

Grade 11 or 12

Personal Finance

Length of Course: 1 semester

Number of Credits: .5

You won't ever ask yourself, "When am I ever going to use this stuff?" in Personal Finance. Personal Finance is one of the most useful classes in high school! Begin to prepare for your future through this one-semester class. You will learn ways to prepare for the job market; the impact of taxes on income, how to create and use a budget and how to build wealth. At the end of the class, you will know why credit may be both your best friend and your worst enemy, how financial institutions work, and what types of insurance are necessary. You will also learn about investing, as well as other ways to save money and make saving a priority. The goal for the course is for students to understand how to become a wiser consumer and to get the most out of the money they earn.

Warhawk Dual Enrollment Academy, Spring Options

Experience classes taught by UW-Whitewater faculty specifically designed for high school students for \$110 per credit.



UWW Personal Finance

Length of Course: 1 semester

Number of Credits: 0.75 HS/3 college credits

This course is an optional replacement course for the required Personal Finance course. This online course taught by UWW faculty is an introduction to personal finance and consumer education. It includes such topics as: personal and household resources; utilizing sources of consumer information and protection; handling the continuous decisions encountered with personal finance relative to goals; financial analysis; understanding insurance, income taxes, banking & borrowing (credit management); housing operation; and saving & investing. **Tuition fee is \$330.**

English 9
1 Credit

English 10
1 Credit

Choices for 3rd & 4th Required Credits

Fall Options

.5 Credit

Composition
Drama Literature
Mystery & Beyond
American Lit I
World Lit

Spring Options

.5 Credit

Adv Communications
Young Adult Lit
Contemporary Lit
World of Ideas
American Lit II
British Lit

Advanced Placement



1.0 Credit

English Literature and Composition



Warhawk Dual Enrollment Academy

Experience classes taught by UW-Whitewater faculty specifically designed for high school students for \$110 per credit.
.75 HS Credit & 3.0 College Credits

Intro to College Writing & Reading

Intro to College Writing, Reading, & Research

Universal Transfer Credit Agreement Courses for the Universities of WI and WI Technical College schools.

ENGLISH

4 Credits

ENGLISH

Freshman Year

English 9

Grade Level: 9

Length of Course: 1 year

Number of Credits: 1.0

This year-long class will develop students' reading, writing, speaking, listening, and thinking skills using the resource myPerspectives published by Savvas Learning Company. Students will read nonfiction prose excerpts, poems, short stories, essays, and *Romeo and Juliet*.

Sophomore Year

English 10

Grade Level: 10

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: English 9 or teacher recommendation

This year-long course builds upon the skills developed in English 9. Students will continue to hone their skills in reading, writing, speaking, listening, and thinking using the next level of the resource myPerspectives published by Savvas Learning Company. Students will read a wide range of materials, including nonfiction prose excerpts, poems, short stories, essays, *The Tempest*, and *Metamorphosis*.

Junior & Senior Years

Fall Courses

Composition

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: English 9 and English 10

In this regular level course, students will develop effective composition techniques through a variety of writings, including exposition, persuasion, description, research, and critical analysis. These skills are helpful in college. The assignments will help the student use the steps of the writing process, analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Review of fundamentals is taught as necessary.

Drama Literature

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: English 9 and English 10

In this regular level course, students will read and analyze dramatic literature. Students will study important dramas that are taught in college, working both individually and cooperatively with peers to interpret plays through class discussion and written assessments. Works read may include: *The Crucible*, *Cat on a Hot Tin Roof*, *A Streetcar Named Desire*, *Proof*, *Othello*, *A Raisin in the Sun*, and *Our Town*.

ENGLISH

Mystery and Beyond

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: English 9 and English 10

In this regular level course, students will explore the stranger side of English by reading a variety of genre fiction. Through novels and short stories, students will develop their language arts skills while also learning about how genres like science fiction and mystery add to their understanding of life. Readings may include: short stories, poetry, nonfiction articles/essays, *I Am the Messenger*, *Remarkably Bright Creatures*, *Twelve Angry Men*, and more.

American Literature I

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: At least a B in English 9 and English 10

This college preparatory course focuses on American literature produced prior to World War I. Students will develop critical analysis skills and an understanding of genres of literature. Readings may include: poetry, short stories, essays, *The Scarlet Letter*, and *The Awakening*, and *Ethan Frome*.

World Literature

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: At least a B in English 9 and English 10

This college preparatory course focuses on literature produced outside of Great Britain and the United States. Students will develop critical analysis skills and an understanding of genres of literature. Readings may include poetry, short stories, Greek mythology, *Oedipus Rex*, *Antigone*, *Anna Karenina*, *Things Fall Apart*, and *A Doll House*.

Junior & Senior Years

Spring Courses

Advanced Communications

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: English 9 and English 10

In this regular level course, students will learn and apply the various methods of communication, with a specific focus on verbal communications. These skills are helpful in college. Students will prepare multiple oral presentations and will serve as active audience members for other student presenters. Various written assignments will correlate with each oral presentation.

ENGLISH

Young Adult Literature

Grade Level: 12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: English 9 and English 10

In this regular level course open to seniors only, students will read young adult literature to examine themselves and the world around them. They will choose books based on individual interest, as well as read the novel *Night*. Responses to literature will include various written and oral modes.

Contemporary Literature

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: English 9 and English 10

This regular level course enables students to read, discuss, and write essays on contemporary works of literature. Readings may include: short stories, poetry, nonfiction articles/essays, *The House on Mango Street*, *I am the Messenger*, *A Thousand Splendid Suns*, *The Kite Runner*, *The Things They Carried*, *Animal Farm*, *Ordinary People*, *Fallen Angels* and *Fences*.

World of Ideas

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: English 9 and English 10

In this regular level course, students will look critically at philosophers, theorists, and spiritual groups to explore some of life's greatest questions. Texts may include: *The Philosophy Book - Big Ideas Simply Explained*, essays by philosophers, *Wait, What?*, and works of fiction such as *A Man Called Ove*, *Feed*, short stories, and poetry.

American Literature II

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: At least a B in English 9 and English 10

This college preparatory course focuses on American literature produced after World War I. Students will develop critical analysis skills and an understanding of genres of literature. Readings may include: *The Great Gatsby*, *Their Eyes Were Watching God*, *The Grapes of Wrath*, *Native Son*, *Death of a Salesman*, poetry, essays, and short stories.

British Literature

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: At least a B in English 9 and English 10

This college preparatory course focuses on British literature. Students will develop critical analysis skills and an understanding of genres of literature. Readings may include: *The Canterbury Tales*, *Frankenstein*, *Jane Eyre*, *Macbeth*, *A Tale of Two Cities*, *1984*, *Hamlet*, poetry, *Pride and Prejudice*, *The Importance of Being Earnest*, short stories, and essays.

ENGLISH

Advanced Placement



Advanced Placement English Literature and Composition

Grade Level: 12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: At least two of the following courses: American Literature I, American Literature II, British Literature, or World Literature, or teacher recommendation.

This is an intensive college-level English course open to seniors only, which prepares students to take the Advanced Placement English Literature and Composition examination in the spring. Students are expected to master essay writing and literary analysis. Students will find it helpful to purchase their textbooks in order to annotate as they read. Selection of works comes from the College Board list of titles and will vary based on students' prior course study. Summer homework is required.

Warhawk Dual Enrollment Academy



Experience classes taught by UW-Whitewater faculty specifically designed for high school students for \$110 per credit.

Introduction to College Writing and Reading

Grade Level: 12

Length of Course: 1 semester (fall)

Number of Credits: .75 HS/3.0 college credits

Asynchronous course taught by UWW faculty and Universal Transfer Credit Agreement Course for the Universities of WI and WI Technical College schools.

Critical reading and writing with emphasis on textual analysis of a variety of genres (both fiction and nonfiction), critical argumentation, the writing process, and conventions of academic prose.

Introduction to College Writing, Reading, & Research

Grade Level: 12

Length of Course: 1 semester (spring)

Number of Credits: .75 HS/3.0 college credits

Asynchronous course taught by UWW faculty and Universal Transfer Credit Agreement Course for the Universities of WI and WI Technical College schools.

Continuation of ENGLISH 100/ENGLISH 101 with additional emphasis on modes of inquiry, the research process, and the completion of a formally documented, argument-based research paper.

Required Math Courses

Algebra 1
1 Credit

Geometry
1 Credit

Algebra 2
or
Equivalency
1 Credit

Dual Credit

1 HS/5 College Credits
Pre-Calculus



Advanced Placement or Dual Credit



1 HS/4 College Credit



AP Calculus AB/Calculus & Analytical Geometry
AP Statistics/Intro to Statistical Reasoning &
Analysis (3 college credits)

Math Equivalency Courses

.5 Credit

Trade Math (AS)

Food Quantities & Measures (AS)

Introduction to Coding

Advanced Coding

Construction: Framing, Electrical, & Plumbing



MATH

3
Credits

MATH

Algebra 1

Grade Level: 9-12

Length of Course: 1 year

Number of Credits: 1.0

This course covers the entire first year of Algebra curriculum. Traditional algebra topics like simplifying algebraic expressions, equation and inequality solving, factoring, functions, exponentials, quadratics, radicals, linear equations and inequalities and their graphs are covered. Applications of all topics are included to engage students and enhance their long-term retention. Students should be able to perform basic arithmetic and algebra skills with or without a calculator and are required to have a scientific calculator (TI-30 or equivalent).

Geometry

Grade Level: 9-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Successful completion of Algebra 1

Possible to double up with Algebra 2 if A earned in Algebra 1

This course covers the entire first year of Geometry curriculum. Students will learn the logical arrangement of thought processes, geometric properties with equations and their applications. Algebraic knowledge is integrated throughout the course from both a theoretical and practical point of view. Students also study congruence, circles, triangle similarity and trigonometry, transformations and two and three-dimensional measurement. This course is recommended for admissions to many programs at 2-year institutions. Students will be expected to be able to perform basic arithmetic and algebraic skills with or without a calculator. Students are required to have a scientific calculator (TI-30) to explore more complex and varied types of problems.

Algebra 2

Grade Level: 9-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Successful completion of Algebra 1 and Geometry

Possible to double up with Geometry if A earned in Algebra 1

This course emphasizes increased aptitude with algebraic expressions and forms, especially linear and quadratic functions. Students will study exponential, logarithmic, polynomial, and other special functions as well as trigonometry as tools for modeling real world situations. Students will be expected to be able to perform basic arithmetic and algebra skills without a calculator. Students are required to have a scientific calculator (TI-30 or equivalent) to explore more complex and varied types of problems. All Universities of Wisconsin and most other colleges/universities require this course as a minimum for all applicants.

Math Studies

Grade Level: 9-12

Length of Course: 1 year

Number of Credits: 1.0 Elective

Prerequisite: Teacher/counselor recommendation

Math Studies is a course taken at the same time as your current math course. The goal of this course is to support the learning objectives of your current mathematics curriculum through pre-teaching, re-teaching, test practice, homework completion, and study skills. Students in this course will improve their general math skills, as well as the skills from their respective math class. Elective credit will be earned for this course. A letter grade will be assigned based on corresponding math course grade.

MATH



Pre-Calculus

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0/5.0 college credits

Prerequisite: Successful completion of Algebra 2 with a grade of C or better

This course is recommended for anyone planning to take any college-level mathematics course in preparation for a calculus course. It will analyze functions, their properties, graphs, and uses in modeling real world phenomena. The course will cover all of the topics needed to prepare students who plan on taking calculus in the future. Students will be expected to perform basic arithmetic and algebra skills without a calculator. A student should only consider taking this course if they possess a solid algebra foundation. A graphing calculator is required (TI-83, TI-84, TI-83 plus or TI-84 plus). Students may choose to take this course for college credit for a tuition fee of \$330.

AP Calculus AB/Math 202 Calculus and Analytical Geometry 1



Grade Level: 10-12

Length of Course: 1 year, 2 class periods

Number of Credits: 1.0 HS credits/4.0 college credits

*To be eligible for the dual credit offering through UW-Green Bay, students must pass the entrance exam and place in Math 202.

This course offers a rigorous, college-level curriculum. The major topics of this course include functions with graphs and limits, derivatives, second derivatives, applications of derivatives, computation of derivatives, integrals, applications of integrals, techniques of antidifferentiation, applications of antidifferentiation, and numerical approximations to definite integrals. There is a tuition fee for this course (varies from year to year, approximately \$440). Students who elect this option will earn college credit and be awarded a GPA for this course based on their grade in the course. Students may also elect to take the AP Calculus AB exam in May for potential college course credits if the student earns a passing score. A graphing calculator is required for this course (TI-83, TI-84, or TI-84 Plus are recommended).

AP Statistics/Math 260 Introductory Statistics



Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0 HS credits/4.0 college credits

*To be eligible for the dual credit offering through UW-Green Bay, students must have earned a B in Algebra II or pass the entrance exam and place in Math 260.

AP Statistics is an introductory college statistics course. The purpose of AP Statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. The four broad conceptual themes in this course include: Exploring Data, Sampling and Experimentation, Anticipating Patterns and Statistical Inference. An introductory statistics course is typically required of college students with majors such as social sciences, health sciences and business. It is also preparation for students who plan to major in science, engineering and math. There is a tuition fee for this course (varies from year to year, approximately \$440). Students who elect this option will earn college credit and be awarded a GPA for this course based on their grade in the course. Students may also elect to take the AP Statistics exam in May for potential college course credits if the student earns a passing score. A graphing calculator is required for this course (TI-83, TI-84, or TI-84 Plus are recommended).

MATH EQUIVALENCIES

Introduction to Coding (Math)

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5 Math

If you are interested in computer science, this is a great place to start. Students will code in two of today's most used programming languages as they are introduced to computer programming. As you write and run programs in JavaScript and Python, you will learn about methods, variables, arithmetic expressions, loops, functions and other programming fundamentals.

Advanced Coding (Math)

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: .5 Math

Prerequisite: B or better in Intro to Coding

Picking up where our Introduction to Coding class leaves off, students will continue to develop their skills in JavaScript and also begin coding in Java. Higher level problem-solving is a primary focus in this second coding class as lessons become more complex. Upon the completion of both Introduction to Coding and Advanced Coding classes, students will have learned programming fundamentals in three of today's most used languages--Python, JavaScript and Java.



Trade Math (AS)

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5 Math

Prerequisite: Algebra 1

This course includes the basic principles of arithmetic beginning with whole numbers and common fractions, and continuing through decimals, percentages, ratios, proportions and averages, and measurements. These principles are applied to typical shop problems throughout the course. This class can be taken for Advanced Standing through Blackhawk Technical College. Successful completion will earn .5 math credit.

Construction: Framing, Electrical, & Plumbing (Math)

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: .5 Math

Prerequisite: Woodworking 1

This course deals with basic residential structure construction. Students will learn terminology, construction math, framing, sheathing, roofing and siding installation. The project will be to construct storage buildings. Other topics include concrete, plumbing, residential electrical wiring and surveying.

Food Quantities and Measures (Math) (AS)

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: .5 Math

There is a fee associated with this course



This course is an Advanced Standing course with Blackhawk Technical College. This course will prepare students who are interested in owning their own culinary business one day. Study of standardized recipes, equivalents, abbreviations, weights and measures, food presentations, and appropriate substitutions. The technical aspects extending and reducing recipes and menu costing will also be a component. Restaurant or Food Truck simulation will be completed within the course.

SCIENCE

3
Credits

Biology
1 Credit

Chemistry
Honors Chemistry
1 Credit

Physics
Honors Physics
1 credit

Additional Choices for 3rd Credit

Natural Science	Healthcare
Environmental Science 1 Credit	Anatomy and Physiology 1 Credit
AP Environmental Science 1 Credit	AP Biology 1 Credit
Principles of Aquaponics .5 Credit	AP Chemistry 1 Credit
Space Science .5 Credit	

Advanced Placement

 CollegeBoard **AP Chemistry**
AP Environmental Science
AP Biology

SCIENCE

3.0 CREDITS REQUIRED FOR GRADUATION, COLLEGE ADMISSION REQUIREMENTS ARE 3.0 - 4.0 CREDITS

Biology

Grade Level: 9

Length of Course: 1 year

Number of Credits: 1.0

Biology is an introductory course into the study of life. Students will explore the ten big ideas in biology: cellular basis of life, information and heredity, matter and energy, growth, development and reproduction, homeostasis, evolution, structure and function, unity and diversity of life, interdependence in nature and science as a way of knowing.

Chemistry

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0

This course provides basic understanding of chemistry. General math concepts will be applied to understand atomic theory and chemical reactions. Laboratories will be used to emphasize the chemistry concepts learned in class and apply math concepts to the laboratory settings. This course will provide the student with a great understanding of how chemistry concepts are applied to everyday life.

Honors Chemistry

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: C or better in Algebra 1 and Geometry

This course is intended for students who anticipate taking a chemistry course in college (4 year or technical) to prepare for majoring in a science field, a health occupation or engineering/technology field. Chemistry is a laboratory science that is math-oriented. Honors Chemistry is a chemistry course that builds depth within the topics studied.

Physics

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Passing grade in Geometry

Conceptual Physics is a way to understand the concepts of motion, forces, energy, heat, sound, light, electricity and the inside of atoms. Using those concepts, students will be studying the inner workings of the natural world and the rules by which they, and we, are governed. Studying physics will not only help students understand the world around them, but will also help them to study other science topics in the future.

Honors Physics

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: C or better in Algebra 1 and Geometry

Physics engages students with real-world situations using analogies and imagery from everyday examples to understand the concepts of motion, forces, energy, heat, sound, light, electricity and the inside of atoms. Using a strong mathematical foundation, students are better equipped to understand the equations and formulas of classical mechanics to modern physics, which would then make physics in technical college or university much easier. Studying physics will not only help the student understand the world around them, but will also help them study advanced science topics in the future.

SCIENCE

Anatomy and Physiology

Grade Level: 11, 12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: C or better in Biology

Examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole body anatomy and physiology to informed decision-making and professional communication with colleagues and patients.

Environmental Science

Grade Level: 11, 12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: C or better in Biology

Environmental Science is the study of how humans interact with the environment. Students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships within 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.

Space Science

Grade Level: 11, 12

Length of Course: 1 semester

Number of Credits: 0.5

Prerequisite: Passing grades in Biology and Chemistry or Physics Recommend having taken or taking Physics in conjunction with Space Science.

Space Science is the study of our solar system and the entire universe! This is a one semester class with an emphasis on gravity/light, the scale of our solar system, planetary motion, the life cycles of a star, life on other planets, and galaxies. Students will use scientific data and articles to study the most recent findings in science and how it relates to our home in the universe. As Carl Sagan once said, "We are a way for the Cosmos to know itself."

Principles of Aquaponics

Grade Level: 11, 12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: Biology

This course introduces students to beginning aquaponic concepts, techniques, and practices. In aquaponics, students combine aquaculture (raising fish) and hydroponics (the soil-less growing of plants) together in one continuous system. Science inquiry and principles are used to examine fish and plant biology. Health, habitat, nutrition, and water quality are important parameters that are continuously monitored. Basic plumbing, engineering principles and record keeping are also taught. Students will work in the aquaponics greenhouse applying the concepts, techniques, and practices necessary to implement the process efficiently and effectively.

SCIENCE

AP Environmental Science



Grade Level: 11,12 Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Biology, Chemistry and Algebra 1

AP Environmental Science is an introductory college-level environmental science course. How can we meet the needs of a growing population while sustaining natural resources? How can the global community collaborate to address environmental challenges? What does science tell us about our relationship with and dependence on the earth? In AP Environmental Science, you'll learn how to use the tools of science to address these and other big questions about our planet's future. Students should have successfully completed high school courses in biology and chemistry along with a year of algebra. This course is equivalent to a one-semester, introductory college course in environmental science.

AP Biology



Grade Level: 11,12 Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: B grade or better in Biology and Chemistry

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology, and interactions. The AP Biology course is equivalent to a two-semester college introductory biology course for biology majors. Students should have successfully completed high school courses in biology and chemistry. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices.



AP Chemistry

Grade Level: 11,12 Length of Course: 1 year, 2 class periods

Number of Credits: 2.0

Prerequisite: B or better grade in Chemistry and Algebra 2

AP Chemistry introduces topics that are taught in the second semester of college. Topics to be studied are reaction rates, oxidation-reduction, electrochemistry, energy and disorder, nuclear chemistry, hydrocarbons and other organic compounds and reactions. Laboratory experiments will include the production of aspirin, artificial flavors, half-life of a radioactive element and much more. This course provides a challenging experience in advanced chemistry.

SCIENCE

EQUIVALENCIES

Veterinary Science (Science)

Grade Level: 10-12

Length of Course: 1 semester

Number of credits: .5 Science

Prerequisite: C or above in Biology or instructor approval

This course will explore the area of veterinary science. Anatomy and physiology of animals will be studied in depth. Activities will include dissections, basic veterinary practices such as disease diagnosis, suturing, injections and CPR.

Food Science & Processing (Science)

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: .5 Science

This class would focus on students who are interested in learning more about America's food sources and the science behind it. Students will learn more about the chemistry and biology within the food industry. To solidify relevance, students will dive into hands-on labs and demonstrate the following techniques throughout the semester: including but not limited to food packaging, marketing, safety, preservation, and processing techniques. Hands-on learning will allow students to connect scientific principles to their everyday lives and knowledge.

Wildlife – Ecology (Science)

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5 Science

In this class we will look at the principles of ecology and how it relates to wildlife management. We will cover topics such as identification of Wisconsin fish, birds, and animal tracks. Activities include outdoor exploration, habitat restoration, lure making, water testing, and analyzing Saunders Creek.

Plant & Soil Science (AS) (Science)

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5

In this course, students will learn the basics about plant and soil science. This class will focus on plant life cycles, plant parts and identification, soil science and many other essentials to learning more about growing and managing plants, whether in a greenhouse or crop production setting. Students will be conducting experiments in the greenhouse to learn about plant growth. After taking this class, students will then have the chance to dive in deeper by taking Greenhouse and/or Landscaping & Floriculture.

SOCIAL STUDIES

Modern US History
1 Credit



World History
1 Credit



Civics/Geography
1 credit

Psychology
.5 Credit

Current Events
.5 Credit



Advanced Placement

AP Human Geography

AP U.S. History

AP Psychology



Warhawk Dual Enrollment Academy

Options for Seniors: Experience classes taught by UW-Whitewater faculty specifically designed for high school students for \$110 per credit.

.75 HS Credit & 3.0 College Credits

Intro to Philosophy

3
Credits

SOCIAL STUDIES

3.0 CREDITS REQUIRED FOR GRADUATION

Modern United States History

Grade Level: 9

Length of Course: 1 year

Number of Credits: 1.0

Modern U.S. History is a year-long course that takes a multidisciplinary approach to the study of the United States from the end of the 19th century to the present. Attention will be devoted to the understanding of major events and people, the impact of government foreign and economic policies as well as the development of historical written and verbal analysis skills.

World History

Grade Level: 10

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Modern U.S. History or teacher recommendation

World History explores the development of western civilization from its origins in Greece to the 20th century. Students will investigate the social, political, cultural and economic aspects of Greece, Rome and Western Europe. Special attention is given to important steps in the development of human rights and democratic government.

Civics/Geography

Grade Level: 11

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: World History

Civic engagement and civil discourse are primary themes of the 1st semester. Emphasis is placed on government structure and the duties, rights and responsibilities of being a citizen. During the 2nd semester, students will build their understanding of human geography through both geographic and data analyses as they study topics like migration patterns and spatial organization, how humans interact with their environment, and cultural and societal changes. Students must pass the state mandated Citizenship test in order to graduate from high school, which will be administered in this course.

Civics/AP Human Geography

Grade Level: 11

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Strongly recommend B or higher in all English classes or instructor approval



Civic engagement and civil discourse are primary themes of the 1st semester. Emphasis is placed on government structure and the duties, rights and responsibilities of being a citizen. During the 2nd semester, AP Human Geography is an introductory college-level human geography course. Students cultivate their understanding of human geography through data and geographic analyses as they explore topics like patterns and spatial organization, human impacts and interactions with their environment, and spatial processes and societal changes. Students must pass the state mandated Citizenship test in order to graduate from high school, which will be administered in this course.

SOCIAL STUDIES

Psychology

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: World History

Psychology is the scientific study of human behavior, mental processes, and how they are affected and/or affect individuals or a group's physical state, mental state, and external environment. In this course you will explore the basics of understanding human behavior and why certain behaviors dominate while also analyzing your own mind and behaviors. This course is a must have for anyone looking into a profession working in close contact with people; this can help almost any career choice and/or aspect of your everyday life.

Current Events

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: World History

Current Events examines the events that are affecting citizens of the United States and the world today. We will use the internet, newspapers, and magazines to discuss news events, the power of bias, the importance of sourcing, and supporting our opinions and positions with credible evidence. Students will be expected to actively participate in discussions and to prepare written analysis and opinion pieces regarding ongoing news events.

AP U.S. History

Grade Level: 11,12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Strongly recommend B or higher in all English classes, or instructor approval



Be prepared to read critically, write persuasively and debate logically in this survey of U.S. History since colonial times. Expect to work very hard. College credit can be earned if you prepare yourself. The College Board offers the advanced placement exam in May. You are expected to take it.

AP Psychology

Grade Level: 11,12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Strongly recommend B or higher in all English classes, or instructor approval



Advanced Placement Psychology is a 1-year course designed as an equivalent to a college level introductory psychology class. Topics covered include: psychological methods, human development, states of consciousness, biological psychology, learning, intelligence, personality and abnormal behavior. In May, students will have an option to take a College Board Advanced Placement Exam to earn potential college course credits for this course provided the student receives a passing score. Summer homework is required.

SOCIAL STUDIES

CAPP Introduction to Women's and Gender Studies

Grade Level: 11,12 Length of Course: 1 semester

Number of Credits: .5 HS elective credit/3 college credits



Introduction to Women's and Gender Studies is a social scientific analysis of the cultural construction of gender and how it affects women's experiences past and present. It includes the interdisciplinary study of women's issues in the family, work place, media, education, politics, and other cultural institutions, as well as intersections of ethnicity, class, and gender. Some topics may be sensitive in nature but are critical components and are required to be covered by the university. This course provides an introduction to the origins, purpose, subject matter and methods of Women's and Gender Studies as a discipline for majors/minors and others interested in the field. The course is offered to students to take for EHS credit and to take for 3 credits through UW-Oshkosh; these credits are transferable to most public universities in Wisconsin (Please check with each school you are interested in). In order to receive college credit, students must have a class rank in the top 25 percent, ACT score of 24 or higher, or one of the following: Rank in the top 50 percent of class or GPA of 2.75 or above. There is a tuition fee for this course if you are taking it for UW-Oshkosh credit (varies from year to year, approximately \$315). Students who qualify for Free or Reduced Lunch can take the course for only a portion of the cost. There may be circumstances where the instructor recommends that the student take the course for ONLY high school credit.

Warhawk Dual Enrollment Academy



Experience classes taught by UW-Whitewater faculty specifically designed for high school students for \$110 per credit.

Intro to Philosophy

Grade Level: 12 Length of Course: 1 semester (spring)

Number of Credits: 1.0

Prerequisite: AP Psychology

Asynchronous course taught by UWW faculty and Universal Transfer Credit Agreement Course for the Universities of WI and WI Technical College schools.

An introduction to philosophical thought. Representative philosophers and representative issues, such as the nature of ethical reasoning, rival theories of knowledge, and the individual's relation to society, are considered. The emphasis is on argument and analysis, and on issues which are relevant to philosophical problems.

PHYSICAL EDUCATION

1.5 CREDITS REQUIRED FOR GRADUATION

GRADE 9 COURSES

Introduction to Physical Education

Grade Level: 9

Length of Course: 1 Semester

Number of Credits: .5

The physical education curriculum includes a core of physical fitness activities designed to develop and maintain a desired level of fitness. The curriculum includes many units that balance team and lifetime activities that promote physical, social, emotional and intellectual development in a co-educational setting. This course is designed to give an overview of all elective courses.

Introduction to Strength & Speed

Grade Level: 9

Length of Course: 1 Semester

Number of Credits: .5

This class is designed to provide the student with an opportunity to step away from the traditional physical education class and allow them to work on personal strength and fitness goals. In this class, students will learn: how to design weight training programs to fit personal needs, nutrition and weight control, and cardiovascular fitness.

GRADE 10, 11, 12 COURSES

***can be repeated**

Strength & Speed

Grade Level: 10-12

Length of Course: 1 Semester

Number of credits: .5

This class is designed to provide the student with an opportunity to step away from the traditional physical education class and allow them to work on personal strength and fitness goals. In this class, students will learn: how to design weight training programs to fit personal needs, nutrition and weight control, and cardiovascular fitness.

Team Sports

Grade Level: 10-12

Length of Course: 1 Semester

Number of Credits: .5

The physical education curriculum includes a core of physical fitness activities designed to develop and maintain a desired level of fitness. The curriculum includes activities that are centered on a team theory. During each unit, strategy, cooperation, team organization, and sportsmanship will be explored. The following units will be studied during this course: volleyball, floor hockey, team handball, flag football, water polo, ultimate frisbee, basketball, and physical fitness testing.

Lifetime Sports

Grade Level: 10-12

Length of Course: 1 Semester

Number of Credits: .5

The physical education curriculum includes a core of physical fitness activities designed to develop and maintain a desired level of fitness. The curriculum for this course will explore sports in which students can participate well into their adult life. The following units will be studied during this course: weight training, swim for fitness, archery, golf, orienteering, hiking, physical fitness testing, bowling and aerobics.

Racquet Sports

Grade Level: 10-12

Length of Course: 1 Semester

Number of credits: .5

The physical education curriculum includes a core of physical fitness activities designed to develop and maintain a desired level of fitness. The curriculum for this course will focus on activities that use a racquet/stick as an extension of the arm. The following units will be explored during this course of study: tennis, badminton, racquetball, pickleball, floor hockey, softball and croquet.

SPANISH

Spanish 1

Grade Level: 8-12

Length of Course: 1 year

Number of Credits: 1.0

Students will learn to communicate in grammatically correct simple phrases and sentences as they begin to work toward verbal and written proficiency in the language. Students are expected to speak in the target language.

Spanish 2

Grade Level: 9-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Successful completion of Spanish 1

Students will speak and write in grammatically correct phrases, sentences and paragraphs in the present, past and future tenses as they continue to work toward verbal and written proficiency in the language. Students are expected to speak in the target language.

Spanish 3

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Successful completion of Spanish 2

Students will review skills previously learned and will continue to enlarge their vocabulary. Students will increase proficiency in the language through verbal and written communication and will be expected to speak exclusively in the target language.

Spanish 4

Grade Level: 11,12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Successful completion of Spanish 3

Students will focus on culture and literature as well as increase their proficiency in the language through verbal and written communication. Students are required to speak exclusively in the target language. Spanish 4 will include an introduction to Hispanic Literature.

Spanish 5/CAPP Spanish 204

Grade Level: 11,12

Length of Course: 1 year

Number of Credits: 1 HS credit, 16 college credits

Prerequisite: Successful completion of Spanish 4 or consent of instructor

Spanish 5/CAPP 204 is a college-level course offered to secondary students in which students will build proficiency in the Spanish language. Upon successful completion (grade of A or B), students may receive 16 college credits (5 credits for Spanish 204 and 11 retroactive credits) through UW-Oshkosh. In order to enroll, students must have successfully completed Spanish 4 or — in the case of native/heritage speakers — have passed the entrance exam. There is a tuition fee for this course (varies from year to year, approximately \$525). The UW-Oshkosh course description states that the “emphasis will be on reading and discussion of selected works of authors and materials of current interest.” We will utilize authentic materials (i.e. those created for native speakers of Spanish) including literature, newspaper and magazine articles, film, television programs, online articles, podcasts, and other audiovisual resources. This is a rigorous, 2-semester course created with the primary objective of providing students with the skills necessary to interact successfully in the Spanish-speaking world.





Agriculture

Cultivating Sustainability and Nourishing the World

Introduction to Agriculture & FFA

Grade Levels: 9, 10

Length of Course: 1 semester

Number of Credits: .5

This course will focus on students who are interested in agriculture education and would give students the basic knowledge they need to be successful in agriculture education and careers. Students will gain knowledge in food science, animal science, plant science, leadership skills, public speaking, FFA opportunities, and agriculture mechanics.

Companion Animal Science

Grade Levels: 10-12

Length of Course: 1 semester

Number of Credits: .5

Companion Animal Science looks at animal and human companionship. We will focus on animals in the recreation and pet industry such as horses, dogs, cats, and other small animals. Domestication history, feeding, pet care and veterinary skills will be emphasized for each species. Students will have the opportunity to work hands-on with a variety of small animals.

Dairy Science

Grade Levels: 9-12

Length of Course: 1 semester

Number of Credits: .5

Maintaining "America's Dairyland" is the theme of this course. Students will study the dairy industry: dairy judging, nutrition, reproduction and milking management. Students will also learn more about different types of dairy products and be able to taste test the different varieties. If time allows, tours of nearby dairy farms will be included. The aim of this course is to gain knowledge and skills in the industry of Wisconsin agriculture. Opportunities to attend and judge in the World Dairy Expo and other contests highlight this course.

Animal Science (AS)

Grade Levels: 10-12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: C or above in Biology or instructor approval

Production and management of meat animals, including beef, sheep and swine, will be studied in this course.

Feeding, veterinary science, reproduction and genetics, and judging are major topics of animal science. Students will develop and hone their animal evaluation, showmanship and animal care skills/ knowledge.



Veterinary Science (Science)

Grade Levels: 10-12

Length of Course: 1 semester

Number of Credits: .5

This course will explore the area of veterinary science. Anatomy and physiology of animals will be studied in depth. Activities will include dissections, basic veterinary practices such as disease diagnosis, suturing, injections and CPR.

Food Science & Processing (Science)

Grade Levels: 10-12

Length of Course: 1 semester

Number of Credits: .5 Science

This class will focus on students who are interested in learning more about America's food sources and the science behind it. Students will learn more about the chemistry and biology within the food industry. To solidify relevance, students will dive into hands-on labs and demonstrate the following techniques throughout the semester: including but not limited to food packaging, marketing, safety, preservation, and processing techniques. Hands-on learning will allow students to connect scientific principles to their everyday lives and knowledge.

Wildlife – Ecology (Science)

Grade Levels: 9-12

Length of Course: 1 semester

Number of Credits: .5 Science

In this class we will look at the principles of ecology and how it relates to wildlife management. We will cover topics such as identification of Wisconsin fish, birds, and animal tracks. Activities include outdoor exploration, habitat restoration, lure making, water testing, and analyzing Saunders Creek.

Plant & Soil Science (Science) (AS)

Grade Levels: 9-12

Length of Course: 1 semester

Number of Credits: .5

In this course, students will learn the basics about plant and soil science. This class will focus on plant life cycles, plant parts and identification, soil science and many other essentials to learning more about growing and managing plants, whether in a greenhouse or crop production setting. Students will be conducting experiments in the greenhouse to learn about plant growth. After taking this class, students will then have the chance to dive in deeper by taking Greenhouse and/or Landscaping & Floriculture.





Agriculture

Cultivating Sustainability and Nourishing the World

Greenhouse Operation

Grade Levels: 9-12

Length of Course: 1 semester (2nd semester only)

Number of Credits: .5

Prerequisite: Plant & Soil Science

Growing plants in a greenhouse is the focus of this course. Students will start plants from seed and stem cuttings, pot, fertilize and manage the greenhouse. Using the high school greenhouse, students will grow and market a bedding plant crop to the public. Salesmanship, advertising and plant science skills will be learned throughout this course.

Agribusiness

Grade Levels: 9-12

Length of Course: 1 semester

Number of Credits: .5

This class will learn about different career paths within America's number one industry, Agriculture. Students will look at sales, marketing, economic principles and how each of those are applied to the agriculture industry. We will learn about a variety of agribusinesses and see all the ins and outs of running a successful company. Students will create their very own business plan and look at how each business may be able to raise their profit margin using strategies that are practiced in class.

Forestry & Natural Resources

Grade Levels: 10-12

Length of Course: 1 semester

Number of credits: .5

Forestry involves many topics of natural resources. Tree identification, tree harvesting, chainsaw use and maintenance, tree planting, wildlife management and soil conservation are major units. Activities include cruising tree stands, chainsaw maintenance and repair, soil judging and tree planting.

Landscaping & Floriculture

Grade Levels: 10-12

Length of Course: 1 semester

Number of Credits: .5

Students will learn landscaping design principles and draw and develop a residential landscape plan. Computer aided design will also be used. Characteristics of plants and other materials used in the landscape will be researched. Students will participate in a landscaping project near the high school to practice their skills. Students will also learn about the floriculture industry where we will cover basic floral arrangement skills.

Outdoor Recreation

Grade Levels: 10-12

Length of Course: 1 semester

Number of Credits: .5

In this course, students will learn about and participate in a variety of outdoor activities. This class will cover the WI Department of Natural Resources regulations, the human impact on nature, ATV/UTV and paddle sport safety and technique, camping and hiking do's and don'ts, wilderness and winter survival, as well as many other outdoor recreation activities. Students will end the course with their boater safety certification that allows them to legally operate a motorboat in Wisconsin.

Agricultural Mechanics & Technology

Grade Levels: 9-12

Length of Course: 1 semester

Number of Credits: .5

In this course, students will learn about the many aspects of agricultural mechanics and technology. We will give students hands-on experience in working on and operating equipment, as well as designing potential technical solutions for modern agriculture. They will also be able to make connections with local agricultural equipment companies to allow students to find career paths and work with new and emerging equipment, as well as technical college and university programs to direct students into learning more and earning certifications and/or degrees after high school. Course will also include a tractor safety certification for all students.

Agricultural Projects

Grade Levels: 11, 12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: Any three courses from Agricultural Education & instructor approval

Agricultural Projects is for students who have completed a course of study in agriculture and need further knowledge in their career interest. Through projects, students will enhance and learn new skills related to agriculture. Advanced technology, using the Internet and Ag-Ed computer network, will be used to research and develop project work. FFA members may develop their proficiency and state applications and state level competitions. Students will receive a grade of either P or F in this course. (P=credit in course, but grade is not factored into cumulative GPA.)



Arts, Entertainment, & Design

Inspiring Creativity, Innovation, and Artistry

Basic Art

Grade Level: 9-12

Length of Course: 1 year

Number of Credits: 1.0

There is a fee associated with this course.

Basic Art is a course designed for all students with a desire to practice and improve drawing, painting and art making skills. The course will introduce students to the Elements of Art and Principles of Design. Fundamental visual literacy will be gained by observing the works of famous artists of the past and present and understanding the importance of meaning-making.

Drawing 1

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: 0.5

Prerequisite: Basic Art or instructor consent

There is a fee associated with this course.

Students who elect to take Drawing 1 will work from a problem-solving approach to develop skills, techniques, and concepts that relate to design, composition, representation, and expression. The course will develop artwork with deeper exploration of Elements of Art and Principles of Design. Drawing classes will work with a variety of drawing media and techniques, both traditional and experimental. All students are expected to transfer knowledge and skills acquired in Basic Art by producing art works with a higher degree of complexity and difficulty while demonstrating advanced thinking related to each work.

Drawing 2

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: 0.5

Prerequisite: Basic Art & Drawing 1, with a B+ or higher in Drawing 1

There is a fee associated with this course

Drawing 2 is designed to challenge the artist's skills and develop even higher levels of problem-solving approaches to develop techniques and concepts that relate to design, composition, representation, and expression. This course will develop artwork with deeper exploration of the Principles of Design. All students are expected to transfer knowledge and skills acquired in Drawing 1 by producing art works with a higher degree of complexity and difficulty while demonstrating advanced thinking related to each work.

Painting 1

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: 0.5

Prerequisite: Basic Art & Drawing 1, with a B+ or higher in Drawing 1

There is a fee associated with this course.

Students who elect to take Painting 1 will work from a problem-solving approach to develop skills, techniques, and concepts that relate to design, composition, representation, and expression. This course will focus on media and technique while demonstrating understanding of Elements of Art. Painting classes will work with a variety of painting media and techniques, both traditional and experimental, while working in acrylics, oil, watercolor and printmaking. All students are expected to transfer knowledge and skills acquired in Basic Art by producing art works with a higher degree of complexity and difficulty while demonstrating advanced thinking related to each work.



Arts, Entertainment, & Design

Inspiring Creativity, Innovation, and Artistry

Painting 2

Grade Level: 10-12 Length of Course: 1 semester Number of Credits: 0.5

Prerequisite: Basic Art & Drawing 1, with a B+ or higher in Painting 1

There is a fee associated with this course

This course will focus on media and technique while demonstrating understanding of the Elements of Art and Principles of Design. Painting 2 is designed to challenge the artist's skills and develop even higher levels of problem-solving approaches to develop techniques and concepts that relate to design, composition, representation, and expression. All students are expected to transfer knowledge and skills acquired in Painting 1 by producing art works with a higher degree of complexity and difficulty while demonstrating advanced thinking related to each work while working primarily in oil paint but may have the option to further develop skills in acrylic, oil, watercolor and printmaking.

Sculpture/Ceramics

Grade Level: 10-12 Length of Course: 1 semester Number of Credits: 0.5

There is a fee associated with this course.

In Sculpture and Ceramics students will develop skills with materials, tools and processes to create three-dimensional art forms. Plaster, cardboard, paper, fibers, metals, glass and clay are examples of media that will be used for non-functional and/or functional art forms.

Sculpture/Ceramics 2

Grade Level: 10-12 Length of Course: 1 semester

Number of Credits: 0.5

Prerequisite: B+ or higher in Sculpture/Ceramics 1

There is a fee associated with this course.

In Sculpture and Ceramics 2 students will continue to develop skills with materials, tools and processes to create three-dimensional art forms. Students are expected to transfer skills from Sculpture and Ceramics 1 to increase the degree of difficulty and complexity. Plaster, cardboard, paper, fibers, metals, glass and clay are examples of media that will be used for non-functional and/or functional art forms. In addition, students will get the opportunity to use the pottery wheel.

Art 4

Grade Level: 12 Length of Course: 1 year Number of Credits: 1.0

Prerequisite: Basic Art, Drawing 1 & 2, Painting 1 & 2 Sculpture/Ceramics 1 & 2, and instructor approval

There is a fee associated with this course.

Art 4 is a capstone course designed to demonstrate the cumulative learning of the art student. During this year-long class, students will develop a body of work to be presented at the Senior Art Show in the spring.

AP Studio Art - 2D Design, Drawing

Grade Level: 12 Length of Course: 1 year

Number of Credits: 1.0



Prerequisite: Instructor approval

There is a fee associated with this course.

This class is designed for students who have taken and have excelled in the area of 2 Dimensional work and are ready to challenge themselves. You will demonstrate your understanding of mark-making, composition, design principles as applied to a 2D surface and articulate the principles of design through the visual elements. Instead of a traditional exam, you will submit a college level portfolio; a qualifying portfolio score can earn you college credit and/or advanced placement. To enroll in this class you must have a B or better in Basic Art, Drawing I and II and Painting I and II. You must be able to meet deadlines, participate in critiques, and work on artwork outside of class time.



Music

Concert Band

Grade Level: 9

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Must have been in the middle school band and have director's approval.

The Edgerton High School Concert Band is the ensemble which provides students in instrumental music the opportunity to continue development of skills learned earlier. The Concert Band will perform a wide variety of music. All Concert Band members will have weekly individual or group lessons to aid in their musical growth. In the fall, the Concert Band will combine with the Wind Ensemble to form the EHS Tider Marching Band. Likewise, the bands combine to form the Tider Pep Band for athletic events for fall and winter. Much fun and many exciting co-curricular opportunities are available including: solo/ensemble, jazz band, honors band and field trips.

Symphonic Band

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0

The Edgerton High School Symphonic Band is a non-auditioned opportunity to continue development of skills learned earlier. The Symphonic Band will perform a wide variety of music. All Symphonic Band members will have weekly individual or group lessons to aid in their musical growth. In the fall, the Symphonic Band will combine with the Concert Band and Wind Ensemble to form the EHS Tider Marching Band. Likewise, the bands combine to form the Tider Pep Band for athletic events for fall and winter. Much fun and many exciting co-curricular opportunities are available including: solo/ensemble, jazz band, honors band and field trips.

Wind Ensemble

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Membership only with director's approval.

The Wind Ensemble is Edgerton High School's advanced instrumental ensemble. It provides those music students with advanced skills the opportunity to perform a variety of music and to increase individual growth. All wind ensemble members will have weekly individual or group lessons to further encourage their own musicality. In the fall, Wind Ensemble combines with the Concert Band to form the Tider Pep Band for athletic events in the fall and winter. Much fun and many exciting co-curricular opportunities exist and include: solo/ensemble, jazz ensemble, honors band and field trips.

Tider Choir

Grade Level: 9-12

Length of Course: 1 year

Number of Credits: 1.0

Tider Choir is the vocal ensemble that is open to any student in grades 9-12. Students will study a variety of vocal literature and will perform several concerts per year. Students will also have the opportunity to participate in solo and ensemble festival. Students will have voice lessons during the school day on a rotating basis at the availability of the instructor. Students in Tider Choir must be able to match pitch (sing in tune) as a minimum requirement of the class.

Concert Choir

Grade Level: 10-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Membership only with director's approval and must be able to match pitch

Concert Choir is an advanced vocal ensemble open to serious vocal music students who have completed at least one year in the "Tider Choir". Students will not be enrolled in Concert Choir unless they have consent from the director. Concert Choir students will perform in several concerts per year and have the opportunity to participate in solo and ensemble festival, Rock Valley Honors Choir and EHS Pops Concert. All students will have voice lessons during the school day on a rotating basis at the availability of the instructor. Students in Concert Choir must display regular attendance and be able to match pitch (sing in tune) as a minimum requirement of the class.



Music

Music Production

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: 0.5

Music Production is a project-based class that focuses on the creation of music by utilizing recording software, digital audio workshop, and computer software programs to edit and produce music. This class will give students an introduction to produce their own music.

Music Theory

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: 0.5

Music Theory will give students an in-depth look at the nuts and bolts of music. In this class, students will learn the basic to complex musical theory concepts such as writing 4 part harmonies. Students will also be able to analyze certain musical compositions and understand why composers chose the musical techniques that they did. Although this class is not officially an AP class, we will use the same curriculum and textbooks as AP music theory.

Cross-Cutting Clusters



Management & Entrepreneurship

Driving Business Success Across All Industries



Digital Technology

Modernizing Industries and Connecting Communities



Marketing & Sales

Improving Communication and Connections

Intro to Coding
0.5 credit

Intro to Business Management
0.5 credit

Adv Coding
0.5 credit

**Sports & Entertainment
Marketing**
0.5 credit

AP Comp Sci A
1.0 credit (WVS)

Incubator
1.0 credit

Tider Manufacturing & Sales
1.0 credit



Financial Services

Empowering Financial Resilience

Accounting 1
1.0 credit

Business Applications
0.5 credit



**Digital Photography,
Video, & Design**
0.5 credit

Tider Publications
1.0 credit

Marketing Youth Apprenticeship

Youth Apprenticeship (YA) is a one or two-year program for 11th and 12th graders that integrates school-based and work-based learning to instruct students in employability and occupational skills.

Introduction to Business Management (formerly Intro to Business)

Grade Levels: 9-12

Length of Course: 1 semester

Number of Credits: .5

Do you ever wonder why companies use different advertising campaigns, or why products are continually changed or adapted? This course is an excellent introductory course for those students planning future studies in business courses or careers in the business world. Topics will explore basic economics, the free enterprise system, marketing segmentation, targeting strategies and positioning, the marketing mix, consumer behavior, branding, and new product development.

Sports & Entertainment Marketing

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: Intro to Business Management

Want to learn about the fastest growing segment of the marketing field? This marketing class provides students with an opportunity to learn about two of the most profitable industries in the United States: Sports and Entertainment. Concepts will incorporate basic principles of marketing and economics as to how they relate to the sports and entertainment world. Topics covered include: branding, licensing, sponsorship, promotion, advertising, selling, finance, distribution and careers within the field. Students will have the opportunity to apply topics learned by running a sports franchise through a simulated computer program called Virtual Business-Sports. This program provides students with a real-world learning experience in sports marketing.

Business Applications (formerly Computer Apps) (AS)

Grade Levels: 9-12

Length of Course: 1 semester

Number of Credits: .5



Microsoft's applications for spreadsheets, presentations and word processing are widely used in today's business world. Learning to become an advanced user of Microsoft Excel, PowerPoint and Word will help you maximize your productivity and effectiveness now and in the future. This course includes an opportunity to earn Microsoft Office Specialist Certifications for Excel, PowerPoint and Word.

Incubator (formerly Entrepreneurship & Management)

Grades: 10-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Intro to Business Management

Guided by entrepreneurs and business experts, students in this course develop and refine a real product or service. They test, adapt, and learn through experimentation while building foundational business skills. By the end, students complete a Business Model Canvas, competitive analysis, financial model, pitch deck, and funding plans. Students who complete the Incubator course are fully prepared to pass ASK Business Institute Concepts of Entrepreneurship exam and eligible to compete in the National Pitch Competition (think Shark Tank).

Tider Manufacturing & Sales

Grades: 11, 12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Intro to Business, Woods 2, Advanced Welding, 3D Solid Modeling, or Precision Machining

Tider Manufacturing is a school-based business where students design, build, and market real products. Combining machining, welding, woodworking, drafting, design, entrepreneurship, and marketing, this hands-on course gives students experience in every stage of production — from concept to customer. Students develop teamwork, craftsmanship, and problem-solving skills while gaining real-world experience in manufacturing and entrepreneurship.

Digital Photography, Video, & Design

Grades: 9-12

Length of Course: 1 semester

Number of Credits: .5

This course is designed to provide students with an opportunity to develop skills and interests in the photography, video and graphics areas. Students will explore these areas by completing several projects focusing on the basics of photography, video and graphics. This course includes an opportunity to earn Adobe Certified Professional (ACP) certification.

Tider Publications (Yearbook & Tider Talk)

Grades: 10-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Digital Photography, Video, & Design

This course combines the skills and production requirements of the yearbook and video journalism programs, focusing on actual media production where students apply journalistic, design, and technical skills to create high-quality publications and broadcasts that serve the school and community. Students will directly apply foundational media skills to produce the current volume of the school's annual yearbook and the high school video production "Tider Talk," with responsibilities for covering school and community events through both print and video, while striving to maintain a tradition of excellence that the school and community can take pride in. Students will receive a grade of either Pass or Fail in this course, but grade is not factored into cumulative GPA.



Digital Technology

Modernizing Industries and Connecting Communities

Introduction to Coding (Math)

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5 Math

If you are interested in computer science, this is a great place to start. Students will code in two of today's most used programming languages as they are introduced to computer programming. As you write and run programs in JavaScript and Python, you will learn about methods, variables, arithmetic expressions, loops, functions and other programming fundamentals.

Advanced Coding (Math)

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: .5 Math

Picking up where our Introduction to Coding class leaves off, students will continue to develop their skills in JavaScript and also begin coding in Java. Higher level problem solving is a primary focus in this second coding class as lessons become more complex. Upon the completion of both Introduction to Coding and Advanced Coding classes, students will have learned programming fundamentals in three of today's most used languages- Python, JavaScript and Java.

AP Computer Science A (Wisconsin Virtual School)

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: 1.0

Prerequisite: "B" or better in Intro to Coding. Advanced Coding highly recommended.



In this course students will see how the principles of computer science allow people to change the world. Students will be introduced to the big ideas of computer science: Creativity, Abstraction, Data, Algorithms, Programming, Internet and Global Impact. Students will learn to use languages such as Snap!, Javascript, Python and other languages to make creative projects. Students will be encouraged to take the Advanced Placement Computer Science Principles exam in May for potential college course credits if the student earns a passing score.



Financial Services

Empowering Financial Resilience



Accounting I (AS)

Grade Levels: 9-12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: 9th grade with approval of middle school counselor

Note: Accounting I is strongly recommended for all business/finance/marketing students.

“The Language of Business” - - The backbone of every organization is the accounting system. Knowledge and techniques learned will enable the student to keep their own personal and family business records, to interpret business statements and reports, and to keep the simpler forms of records needed in the management of business, trade and agriculture enterprises. Understanding how accounting data is accumulated through the double-entry procedure and the reporting and basic analysis of this financial information are key outcomes of the course. Other topics covered include payroll, inventory, depreciation, and career exploration. This is an important college preparatory course for students planning to major in any area of business, finance and/or marketing.



Supply Chain & Transportation

Driving Efficiency and Streamlining Tomorrow's Transport

Small Engines Technology

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5

There is a fee associated with this course.

Primary emphasis of study for this course is on four-cycle engines although two-cycle engines will be discussed. Students will be introduced to basic servicing principles relating to the cooling system, lubrication system, electrical systems, fuel systems and precision measurement. Lab activities will involve disassembly and reassembly of a Kohler engine and service to a personal small engine. There is a lab fee for consumable items.

Automotive Survival

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: .5

There is a fee associated with this course.

Whether your vehicle is just a mode of transportation, a hobby, or an extension of yourself your knowledge of your car must start somewhere. In this course students will learn about basic car ownership. Students will learn the systems of the car (engine, fuel system, electrical system, lubricating system, cooling systems, tires and suspension). Students will also learn about maintenance, repair needs, fix-it/dump-it decisions, and a car buying experience. Required labs will be changing oil and detailing your vehicle. It is preferred that students have access to a vehicle to perform lab activities.



Construction

Building Futures and Pioneering Sustainable Horizons

Woodworking 1

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5

There is a fee associated with this course.

Woodworking 1 is an introductory course related to finishing carpentry. The students will understand the use of hand tools as well as portable and stationary woodworking equipment. They will also learn about safety, measuring tools, hand tools, power tools, fasteners and finishes used in finish carpentry. Students will be required to make a number of projects where they will develop the skills with tools and equipment.

Woodworking 2

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: Woodworking 1

There is a fee associated with this course.

Woodworking 2 focuses on the skills, tools and techniques to successfully enter the world of custom cabinetry and furniture making. Students will be challenged to design, develop and produce a piece of furniture. An emphasis will be placed on joinery and finishing techniques.

Construction: Framing, Electrical, & Plumbing (Math)

Grade Level: 10-12

Length of Course: 1 semester

Number of Credits: .5 Math

Prerequisite: Woodworking 1

This course deals with basic residential structure construction. Students will learn terminology, construction math, framing, sheathing, roofing and siding installation. The project will be to construct storage buildings. Other topics include concrete, plumbing, residential electrical wiring and surveying.



Advanced Manufacturing

The Future of Engineering and Producing

Introduction to Engineering

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5

This STEM course is a basic introduction to engineering for all students. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will improve our lives. Exciting hands-on learning activities like data comparison of heart rates, rating consumer products, destructive testing and 3D solid modeling apply math, science, history and English content from other courses in a STEM experience. This course makes science and mathematics more engaging, interesting, concrete, and relevant.

3D Solid Modeling

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5

Prerequisite: Must have taken or current enrolled in Geometry



Students will learn how to use Solidworks software to create 3D images on the computer. They will then take these drawings and learn how to 3D print them. Learning 3D design is an interactive process. Students learn best when they can explore the practical applications of the concepts that they learn. This STEM course has many activities and exercises that enable students to put design concepts into practice. Students will be able to create in this course and make those creations become a reality.

Craftsman with Character (AS)

Grade Level: 10-12

Length of Course: 1 semester (2 class periods) (Spring)

Number of Credits: 1.0

Do you like hands-on learning? Then this is the course for you. This course is taught at Edgerton Gear and several other local manufacturing facilities by some of the most talented machinists and engineers in the area. You will have the ability to find a purpose to high school education, explore the world of manufacturing, analyze personal character, and learn to use precision measuring, CNC, and manual equipment.



Welding and Metal Fabrication (AS)

Grade Level: 9-12

Length of Course: 1 semester

Number of Credits: .5

There is a fee associated with this course.

Students will learn how to weld and fabricate using various thicknesses of steel and aluminum. Topics include SMAW, GMAW, oxyacetylene cutting, blueprint reading, welders math, measurement, metallurgy, and drafting. Students will be expected to skillfully complete a series of welds and sheet metal forming procedures. A small project will be completed.

Precision Machining

Grade Level: 9-12 Length of Course: 1 semester, 2 class periods Number of Credits: 1.0

Prerequisite: Welding and Metal Fabrication

Precision Machining is a technical application course for all students, designed so that students have credentials to enter the workforce or higher education. Students who complete this course will engage in real world case studies and learning activities that focus on machining and CNC manufacturing processes. Students who complete this course will learn the concepts necessary in order to develop their ideas into solutions that will advance their technical experiences and improve their general outlook on life and their community.



Advanced Manufacturing

The Future of Engineering and Producing

Advanced Welding Technology (AS) (GMAW SMAW)

Grade Level: 11,12

Length of Course: 1 semester

Number of Credits: 0.5



Prerequisite: Welding and Metal Fabrication

There is a fee associated with this course. Advanced Welding Technology is a course that is a more in depth study of welding. Topics of study are oxy-fuel and plasma cutting, oxy-fuel welding, out of position SMAW, GMAW, basic GTAW, metallurgy, blueprint reading and planning cost analysis and material layout. Students will be required to do a number of welding exercises as well as a project to further develop their skills. Welding and Metal Fabrication is a prerequisite for this course.

Tider Manufacturing & Sales

Grades: 11, 12

Length of Course: 1 year

Number of Credits: 1.0

Prerequisite: Woods 2, Advanced Welding, 3D Solid Modeling, Precision Machining or Intro to Business

Tider Manufacturing is a school-based business where students design, build, and market real products. Combining machining, welding, woodworking, drafting, design, entrepreneurship, and marketing, this hands-on course gives students experience in every stage of production — from concept to customer. Students develop teamwork, craftsmanship, and problem-solving skills while gaining real-world experience in manufacturing and entrepreneurship.

Adv Manufacturing, Construction, or Automotive Youth Apprenticeships

Youth Apprenticeship (YA) is a one or two-year program for 11th and 12th graders that integrates school-based and work-based learning to instruct students in employability and occupational skills.



Education

Transforming Lives and Enriching Futures Through Lifelong Learning

Teacher Education Preparation (TC)

Grade Level: 11,12 Length of Course: 1 year, 2 periods

Number of Credits: 2.0 HS credits and 12 college credits



This course is a combination of 4 different educational courses: Introduction to Educational Practices, Infant & Toddler Development, Health/Safety/Nutrition and Child Development. This course is transcribed with Blackhawk Technical College, so students who complete the course can earn up to 12 college credits and 2 high school credits. Students who are motivated to work with children in an educational, medical, community or personal setting should consider taking this course.

Student Employee Youth Apprenticeship

Grade Level: 11,12 Number of Credits: 0.5-2.0

Prerequisite: Teacher Education Preparation

The School Age Education Youth Apprenticeship is designed for high school students who want to develop skills for a career in teaching. The apprenticeship is either one or two years in length and involves working in various school-age settings. See Ms. Hayner if interested.

Education Youth Apprenticeship

Youth Apprenticeship (YA) is a one or two-year program for 11th and 12th graders that integrates school-based and work-based learning to instruct students in employability and occupational skills.

Contemporary Healthcare Practices (TC)

Grade Level: 10-12 Length of Course: 1 year, 2 periods
Number of Credits: .5 HS credit, 2 college credits



Highly recommended before taking Anatomy and Physiology. An introduction to contemporary healthcare practices for students interested in a career serving diverse healthcare communities. Learners explore the essential skills required for equitable and inclusive person-centered interactions. Learners examine various health communities, mindful practices, professionalism, problem solving, and patient confidentiality.

Nursing Assistant

Grade Level: 11, 12 Length of Course: 1 semester at EHS plus clinicals offsite
Number of Credits: .5 HS credits



Nursing assistants are in high demand to assist in the care of patients in extended care facilities, home care situations and with some additional training, hospitals. This 120-hour course involves classroom lectures, campus lab experiences, and a clinical practicum, which involves working in healthcare agencies with patients and residents. Those who successfully complete this course are eligible to take the National Nurse Aide Assessment Program (NNAAP) exam to become part of the Wisconsin Nurse Aide Registry as CNA/HHA. The cost of this testing is not included in course fees and tuition. A criminal background check and a complete physical are required for this course. The exam, background check and physical fees must be paid for by the student. *Nursing Assistant is a college course offered through EHS and Carriage Healthcare.

Emergency Medical Technician (EMT)

Grade Level: 11, 12 Length of course: 1 year, 3 periods
Number of credits: 1.5 HS credits



In collaboration with Mercyhealth, the EMT course is extensive, combining didactic studies, clinical duties, computer-based learning and testing, and practical skills. This course is designed to train police, fire, rescue personnel, and persons interested in the techniques of pre-hospital emergency care. The curriculum, developed by the U.S. Department of Transportation, will prepare students for the National Registry Examination for Emergency Medical Technician and receive state licensure as an EMT from the state of Wisconsin. An Emergency Medical Technician is trained to respond to emergencies and provide efficient and immediate care to the ill and injured, and transport the patient to an appropriate medical facility. The student will be responsible for paying for the NREMT cognitive (written) and psychomotor (practical) exam at the end of the course. Students who have completed the course and exam are eligible for a \$500 award through the CTE Incentive Grant upon graduation.

Healthcare & Human Services Youth Apprenticeship

Youth Apprenticeship (YA) is a one or two-year program for 11th and 12th graders that integrates school-based and work-based learning to instruct students in employability and occupational skills.



Public Service & Safety

Shaping, Serving, and Protecting Our Communities

Firefighter Cadet Program

Grade Level: 11,12 Course Length: 1 semester
Number of Credits: 1.0 HS credit with potential of 5 college credits
See Ms. Hayner for application.



This course is offered at Edgerton Fire Protection District (EFPD) in the mornings. Days will vary. Students will follow state mandated curriculum in Fire Fighting Principles and Hazardous Material Awareness & Operations. When students are finished with the course they will be able to sit for the Firefighter 1 state certification. Students should then apply for the EMT course through Start College Now. With successful completion of both courses, students could be hired on as a Firefighter after graduation. Student pays for State exam. Successful completion receive \$500 through DPI-CTE Incentive Grant.

- *Fire Fighting Principles* (4 possible college credits) Describes basic fire behavior, techniques used to control structural and related fire emergencies, and life safety practices. Students perform all practical evolutions necessary to control and extinguish fires and otherwise meet all requirements for Firefighter I certification with the State of Wisconsin.
- *Hazardous Materials Awareness & Operations* (1 possible college credit) In this course, students will learn characteristics relating to hazardous materials including problems of recognition and defensive operations. The course is designed to prepare students for the Hazardous Materials Awareness and Operations level of NFPA 472.

Criminal Justice System

Grade Level: 11,12 Length of Course: 1 semester
Number of Credits: .75 HS credit and 3 college credits



Edgerton High School partners with Blackhawk Technical College and the Edgerton Police Department to offer this course. This introductory course is an in-depth exploration of each step of the criminal justice process from investigation through adjudication. Also explored is the history, primary functions and jurisdictions of law enforcement agencies. The levels and functions of the court systems in America are distinguished. The role of belief systems, social systems, moral problems, and diversity and ethical decision making are discussed. Students will have the opportunity to tour BTC, local police stations and ride along with local police officers. This is a college course and students will earn 3 college credits with successful completion in the course. This course is limited to juniors and seniors.



Hospitality, Events, & Tourism

Unlocking Adventures and Elevating Experiences

Food Quantities and Measures (Math) (AS)

Grade Level: 10-12 Length of Course: 1 semester, Number of Credits: .5 math

This course is an Advanced Standing course with Blackhawk Technical College. This course will prepare students who are interested in owning their own culinary business one day. Study of standardized recipes, equivalents, abbreviations, weights and measures, food presentations, and appropriate substitutions. The technical aspects extending and reducing recipes and menu costing will also be a component. Restaurant or Food Truck simulation will be completed within the course.

Public Service & Hospitality Youth Apprenticeship

Youth Apprenticeship (YA) is a one or two-year program for 11th and 12th graders that integrates school-based and work-based learning to instruct students in employability and occupational skills.

ACADEMIC SUPPORT

Guided Study (ML support)

Grade Level: 9-12 Length of Course: 1 year

Number of Credits: 1.0 elective

Prerequisite: Multi-Language Learner

The goal of Guided Study is to provide ML students with the best possible opportunity to be academically successful. This course will provide ML students a place where they will be able to focus on meeting academic standards, and effectively communicating in English. Students will take responsibility for their education, develop proper study skills, set academic goals, and advocate for themselves. Upon completion of this course, students will earn .5 elective credit per semester. Students will receive a grade of either P or F in this course. (P=credit in course, but grade is not factored into cumulative GPA.)

English for Newcomers

Grade Level: 9-12 Length of Course: 1 year

Number of Credits: 1.0, English

Prerequisite: Multi-Language Learner

This course is designed to strengthen and support literacy skills in reading, writing, speaking and listening in English, as well as support content from English education classes. Upon successful completion of this year-long course, students will earn 1 English credit. Students will receive a grade of either P or F in this course. (P=credit in course, but grade is not factored into cumulative GPA.)

Transition

Grade Level: 9 Length of Course: 1 year

Number of Credits: 1.0 elective

Prerequisite: Teacher/counselor recommendation

Transition is designed to help assist in the transition of freshman students in various areas of need, including organization & study skills. This course will be offered by teacher recommendation only. The final grade will be an average of final semester grades in other courses.

Alternative Lab

Grade Level: 10-12 Length of Course: 1 semester or 1 year

Number of Credits: .50 or 1.0 elective credit

Prerequisite: Counselor approval

Alternative Lab is designed to assist students with organization and study skills. The final grade will be an average of final semester grades in other courses.

Math Studies

Grade Level: 9-12 Length of Course: 1 year

Number of Credits: 1.0 Elective

Prerequisite: Teacher/counselor recommendation

Math Studies is a course taken at the same time as your current math course. The goal of this course is to support the learning objectives of your current mathematics curriculum through pre-teaching, re-teaching, test practice, homework completion, and study skills. Students in this course will improve their general math skills, as well as the skills from their respective math class. Elective credit will be earned for this course. A letter grade will be assigned based on corresponding math course grade.

Science Studies

Grade Level: 9-12 Length of Course: 1 year

Number of Credits: 1.0 Elective

Prerequisite: Teacher/counselor recommendation

Science Studies is a course taken at the same time as your current science course. The goal of this course is to support the learning objectives of your current science curriculum through pre-teaching, re-teaching, test practice, homework completion, and study skills. Students in this course will improve their general science skills, as well as the skills from their respective science class. Elective credit will be earned for this course. A letter grade will be assigned based on corresponding science course grade.

CLUBS & ACTIVITIES

Anime Club: The Anime Club welcomes all members interested in the Japanese art form of anime or manga. Meetings include watching films, trying Japanese treats and promoting anime through discussion groups and games.

Art League: This is a student-led/student run club for anyone interested in visual art. Art league plans and hosts a series of art related events throughout the year. Some events are for members only and some for the whole student body. Students do not need to be enrolled in an art class to be a member or to participate in some events.

Black Student Affinity Group: The Black Student Affinity Group is a space for students to bravely share their experiences, create a sense of belonging, offer support and mentoring, and uplift their voices. The group strives to educate themselves and others on how to create a welcoming environment.

Chamber Singers: The EHS Chamber Singers begin rehearsals in November and perform numerous times throughout the holiday season in December. Students attired in beautiful, festive costumes spread holiday cheer throughout the community. Any current choir student may audition for this group.

Color Guard: Students must be enrolled in a music course to participate in Color Guard. Performances are choreographed and practiced after school.

Costa Rican Exchange: Geared to students who are interested in hosting Costa Rican Exchange students, traveling to Costa Rica, or who want to spend time with visiting students. This club presents a great way to learn more Spanish and explore Costa Rican culture. We will host Costa Rican students and travel to Costa Rica during the 2026-2027 school year.

Disc Golf Club: Disc Golf is a sport that is played the same as Golf, but athletes use flying discs instead of clubs and golf balls. Disc Golf Club is a year around club that teaches students how to properly throw the different discs used in disc golf and how to play the sport. This club is open to all students and students do not need to own a disc in order to join.

Drama Club: In Drama Club, we celebrate our love of theater! Members are often involved in the school musical or play, but anyone is welcome in our club. We host improv games and movie nights to watch favorite musicals, and we aim to attend at least one professional show a year.

EcoClub: Eco Club promotes a clean Earth, sustainability, and eco-friendly practices! Members strive to make the world a better place, encouraging and educating individuals to think about how they can personally make a difference through reducing their carbon footprint.

FBLA/DECA: Join this business and marketing club to learn about “real world” professional experiences. Develop communication and business skills for future careers in business, IT, marketing, finance, management, and more. Will compete at local, state, regional, and national levels. Everyone is welcome!

Fishing Team: The Edgerton Fishing Team offers an outdoor option during the long winter months and promotes taking full advantage of our beautiful winter and all that Wisconsin has to offer. We are a member of the Wisconsin Interscholastic Fishing Association and compete against other High School Fishing Teams in tournaments starting in January. The tournament locations range from 1 to 4.5 hours away from Edgerton. We strive to offer community activities, such as ice fishing youth day similar to the summer youth fishing day. We plan to partner with the DNR on education resources where needed.

CLUBS & ACTIVITIES

Freshman Summit Mentors: This is an opportunity for upperclassmen to work with the incoming freshmen for three days in July as they prepare to enter high school. Mentors are willing to volunteer their time to explain the ins and outs of high school in regards to classes, clubs, sports, study skills, etc. Mentors are responsible for coming up with team building games, planning activities, and providing lots of energy and excitement before the school year begins. Those interested in being a Freshman Mentor will need to fill out a brief application come spring. Freshmen Mentors may be asked to help with other events throughout the year as well, i.e. back to school nights, freshman orientation, open houses, etc.

FFA (The National FFA Organization): The FFA is involved in a variety of leadership opportunities, competitions, community service, travel, and recreational events. FFA focuses on building communities, strengthening agriculture, and growing leaders. Members have the option to attend many different events and activities. All FFA members are eligible to exhibit projects at the Rock County Fair. The FFA Alumni and others generously support the FFA with numerous scholarships for active members. Members should enroll in one Ag-Ed course per year unless there are scheduling issues.

German Exchange Club: Every other year, EHS will host a group of students from the Anne-Franke-Schule in Eschwege, Germany in the fall. In exchange, a group of EHS students will travel to Germany.

International Club: The International Club is open to all students interested in meeting students from other countries and those who have a desire to learn about other places and cultures. International Club is responsible for supporting our Exchange students (through the AFS and EF Exchange Year organizations), attending the Folk Art/ International Fair in Milwaukee or Madison, and planning various events to enjoy other food, traditions, and cultural events.

Jazz Club: Jazz Club is an ensemble composed of members of a concert band and wind ensemble that rehearses weekly. Students learn and perform multiple styles of jazz as well as improvisation.

Math Team: Math Team is open to all students in a Geometry class or at least one level above Geometry. The team participates in four Madison math competitions, the Rock Valley Conference meet and other math competitions each year. Problem solving skills are emphasized. Math Team members compete individually and as teams.

NHS (National Honor Society): Students with a cumulative GPA of 3.5 are invited to apply for NHS as juniors. Applicants must have been involved in nine extra-curricular school activities and four community activities. All applicants must have recommendations from their teachers and are selected by a faculty committee.

RedGen: REDgen stands for Resilience Education for the next Generation. REDgen is an organization that spans many schools in Wisconsin and surrounding states and focuses on developing a community of resilience and purpose. Students who are in REDgen participate in training, exploring mental health topics, and create activities with the goal of providing mental health and wellbeing awareness and peer to peer suicide prevention.

CLUBS & ACTIVITIES

Social Justice Club: The Social Justice Club aims, through action and education, to promote a school environment in which all members feel safe to voice their opinions while embracing the identities and backgrounds of their peers.

Spanish Club: Students interested in the Spanish language and culture are welcome to join this social club. Students need not be currently enrolled in a Spanish class. Members determine activities throughout the year.

Student Council: Edgerton High School Student Council is a student government organization that works to develop attitudes of good citizenship, promote good relations among students, faculty, and the community, improve school morale, provide a forum for student expression, and promote the general welfare of the school.

Trapshooting Club: Students interested in developing skills in trap, skeet, sporting clays and 5 stand shooting are encouraged to join. Students will learn how to safely handle a shotgun, basic and intermediate shooting skills and strategies, and how to work and compete as a team. Practices occur at Exclusive Hunt Club on Hillside Road. Parents are encouraged to volunteer as coaches and/or assist at practices. Primary season is spring, but opportunities are available year round. Competitions are held throughout the state on weekends. Fundraising is important to help the club cover associated costs.

Volleyball Club: Volleyball club is a spring club for anyone who is interested in playing volleyball. Whether you're new to the sport and interested in learning, or are already a player and are looking for some time to practice in the off season, all are welcome. We meet on Wednesdays, practice skills, then scrimmage. See Mr. Herder for details.

Wiffle Ball Club: This league consists of teams that have 3-4 players on each team. The club uses standard wiffle balls and homemade backstop/strike zone. All equipment is provided, such as bats, balls, and bases. Games will be 3 innings long and home field will be decided by a coin flip. Stats will be kept as best as possible on our Official Edgerton Wiffle League website. The Website will also include rosters, a rulebook, and team standings. The club aims to have at least one game each Wednesday of the month.

WIAA ATHLETICS

FALL:

Cross Country
Football
Football Cheerleading
Girls Golf
Boys Soccer
Girls Swim
Girls Tennis
Volleyball

WINTER:

Boys Basketball
Girls Basketball
Basketball Cheerleading
Dance Team
Girls Gymnastics
Boys Hockey
Girls Hockey
Boys Swim
Boys Wrestling
Girls Wrestling

SPRING:

Baseball
Boys Golf
Girls Soccer
Softball
Boys Tennis
Boys Track
Girls Track

Four Year High School Plan

Name:

Career Cluster:

Year of Graduation:

Min # of Credits = 24

Freshman Year	Credits
English 9	1.0
Modern US History	1.0
Biology	1.0
Algebra or Geometry	1.0
Freshman Seminar	0.5
Intro to Phy Ed or Intro to Strength & Speed	0.5
Total of at least	7

Sophomore Year	Credits
English 10	1.0
World History	1.0
Chemistry or Physics	1.0
Geometry/Alg 2	1.0
Physical Education	0.5
Total of at least	7

Student Signature

Parent Signature

Four Year High School Plan

Name:

Career Cluster:

Year of Graduation:

Min # of Credits = 24

Junior Year	Credits
English Electives	1.0
Civics/Geography	1.0
Chemistry or Physics	1.0
Alg 2/Math	1.0
Healthy Living	0.5
Phy Ed	0.5
Total of at least	7

Senior Year	Credits
English Electives	1.0
Personal Finance (11 th or 12 th)	0.5
Total of at least	6



Edgerton High School

Pathway to Your Future

A school of excellence for all students, families,
and community.

Address 200 Elm High Drive, Edgerton, WI 53534

Phone 608-561-6020

Website www.edgerton.k12.wi.us