PITTSVILLE HIGH SCHOOL

COURSE HANDBOOK





2024-2025 School Year

Cover collage by Ms. Lindsay Meissner
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Dear Students and Parents:

It is time to start thinking about registering for classes for the next school year. As you know from your discussions with your advisor it really is never too early to think about making good choices – especially when it comes to your future.

Here are a few items to pay ***particular attention to:***

Graduation Requirements – please review the graduation requirements listed on page 4. On page 5 you will find the "4 Year Planning Chart" to copy and complete as you are choosing classes. Fill out all the classes you might take through your senior year (you can change them later if necessary). This will give you a quick overview of which courses you need when.

Post Secondary Planning – College and Career Readiness– This section starts on page 6 and reviews the academic test and career interest inventories you have taken in hopes of helping you pick classes that align with your interest and future plans. Check it out!

Earning College Credit in High School – Read through page 11 to get some ideas on how Juniors and Seniors can get a head start in college or technical school by earning college credits with classes we offer right here at PHS! With the technology we have here at PHS, we can offer dozens of classes taught from around the state and nation. This is a great way to maximize your education at PHS.

Online and Distance Learning Options – If you are looking to expand your curricular options, check out page 12 for specific information on the many courses you can take through Rural Virtual Academy or from our distance learning network.

Please take adequate time to read, discuss, and think about the courses offered here and the information about how to make good choices for your academic future. Ask questions of your advisor, school counselor, or your principal. With the block schedule, there are many more possibilities to take a robust schedule that will help prepare you for your post-high school career.

Set a goal, and do everything you can to achieve it: Do you want to enter a technical school, a two-year college, a four-year university, the military, or a start job at which you are ready to excel? Look through this course handbook and the recommended websites and get all the information you can. Then make a plan geared toward your success!

Dr. Rod Watson
PHS Principal

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GRADUATION REQUIREMENT GUIDELINES

Although it is a total kindergarten through twelfth grade responsibility to educate children, the secondary school courses required for graduation shall be structured to ensure that students in the School District of Pittsville have the opportunity to fulfill the requirements for graduation from a varied and well-defined curriculum.

In order to graduate from Pittsville High School a student must have a minimum of 28 credits. This is prorated on a case-by-case basis for students who transfer into PHS from schools with a lower credit requirement. Of these, 15.5 credits are required by the state of Wisconsin:

- 4 credits of English
- 3 credits of mathematics
- 3 credits of science
- 3 credits of social studies
- ½ credit of health
- ½ credit of career and financial literacy (starting with Class of 2028)
- 1½ credits of physical education

**Students will also be scheduled into the following required electives over their high school career: Life and Personal Skills, and Senior Capstone.*

High School Load

- All changes in courses are to be cleared by the School Counselor or Principal, and must be recorded in the office. No course changes should take place three days after the start of the term.
- Parents are encouraged to call your student's advisor and/or School Counselor (715-884-5223) to discuss their student's choice or selection of classes.

Electives

- Elective courses should suit the student's needs, interests, and capabilities. They are designed to enhance, develop job entry skills, and prepare students for post secondary education.
- Grade levels for certain electives are only recommendations, but strong recommendations. Exceptions to the grade level designations are only made in consultation with the classroom teacher.

Non-discrimination

- The Pittsville School District does not discriminate against pupils on the basis of sex, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap in its educational programs or activities. Federal law prohibits discrimination in employment on the basis of age, race, color, national origin, sex, religion, or handicap.

FOUR-YEAR PLANNING CHART

	Freshmen	Sophomore	Junior	Senior
English (4 credits)	English 9 A	English 10 A	*	*Speech/Cran Sci
	English 9 B	English 10 B	*	*
Math (3 credits)	Algebra 1 A	Geometry A	*	
	Algebra 1 B	Geometry B	*	
Science (3 credits)	Physical Science A	Biology A	*	
	Physical Science B	Biology B	*	
Social Studies (3 credits)	World History A	US History A or APUSH	*Civics or AP Gov	
	World History B	US History B or APUSH	*Economics	
Health/PE (2.0 credits)	Health/PE 9	PE 10	PE 11	
CTE Academy		Life and Per. Skills	*Career and Financial Literacy	Contemporary American Prob. **Senior Capstone
Elective				
Elective				
Elective				
Elective				
Elective				
Elective				
Totals:	8 Credits	8 Credits	8 Credits	8 Credits

THERE ARE 16 BOXES EACH YEAR; EACH BOX IS EQUAL TO ½ CREDIT FOR A TOTAL OF 8 CREDITS EACH YEAR.

*Speech, Career & Financial Literacy, Civics, & Economics are now required classes.

**Seniors can choose to take a Rural Virtual Academy class, community service, or internship as part of the Senior Capstone class.

POST SECONDARY PLANNING: COLLEGE & CAREER READINESS

Pittsville High School uses a variety of academic tests and interest inventories to assist students in making post-secondary plans. The following information briefly explains these different assessments and how they link students to possible future careers. Students are encouraged to talk with their parents, advisor, and/or school counselor about their results to determine appropriate high school course choices given their individual interests and academic aptitudes.

Xello A website where parents and students can access content in regards to post-secondary choices. From military to college, research can be conducted on timelines, options, cost, job shadows, and so much more. This website is used during Advising sessions, courses, and career counseling sessions. It is a great resource to the students within this district. If a student or parent/guardian forgets his or her log-in ID or password, they can ask the school counselor or advisor at any time to look it up.

Pre-ACT Secure

The Pre-ACT Secure test is mandated in the 9th & 10th grades and will be part of the High School Report Card from WIS DPI. The Pre-ACT includes tests in science, math, English, reading, and writing. The results of this test inform students on what they can improve upon for the true ACT in March of junior year. The testing window falls each year from the end of April through the middle of May.

FORWARD

The FORWARD test is mandated in the 10th grade by the WI DPI. The test is given electronically. There are two Social Studies sections that must be completed. The testing window falls each year from the end of April through the middle of May.

ACT

The ACT is mandated in the state of Wisconsin for high school juniors. The mandated ACT is given during the junior year at the high school campus and proctored by PHS staff. We offer an optional iteration of the exam in the fall and a mandatory version in the spring. For more information, see www.act.org.

UW SYSTEM COLLEGE PREPARATORY COURSE REQUIREMENTS

The range of courses offered at today's high schools is designed to prepare students with differing interests and abilities for a variety of life-after-high-school options.

"College prep" courses are particularly important for providing the academic background needed to succeed at a college or university. A college preparatory program helps develop competence in four primary areas—English, mathematics, social studies, and natural science.

All UW System campuses require new freshmen to have completed a minimum of 17 high school credits. Thirteen of these credits must be "core college preparatory" (English, mathematics, natural science, and social science/history); an additional four electives are required.

Subject	**Credits**
English	4 credits
Mathematics	3 credits
Natural Science	3 credits
Social Science/History	3 credits

In addition to the "core college preparatory" credits identified, students need to complete a minimum of four elective credits as follows:

An additional 4 credits may be chosen from English, mathematics, natural science, social science/history, WORLD language, fine arts, computer science, and other academic areas. (Two years of a single WORLD language are required for admission, and strongly recommended at other UW System campuses.) Some UW System campuses may also accept technical and career courses for a portion of these 4 elective credits.

All students are *encouraged to exceed the minimum* number of college preparatory credits required for admission. Students who choose a rigorous high school curriculum (including senior year course work) are more successful in college. Strong academic preparation for college helps to ensure success.

Though all UW System campuses require a minimum of 17 college preparatory credits, Campus-Specific College Preparatory Course Requirements provide more detailed information by campus.

Please visit the UW Help Home Page at www.uwhelp.wisconsin.edu and follow this link to access the campus-specific requirements:

- Admission Tab (top of screen, left side)
- Freshmen

Preparing for College Requirements

Source: https://uwhelp.wisconsin.edu/prep-for-college/requirements/

Career Cluster Name	Description	Career Cluster Name	Description
	The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.		Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.
	Careers in designing, planning, managing, building and maintaining the built environment.		Preparing individuals for employment in career pathways that relate to families and human needs.
	Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.		Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.
	Business, Management and Administration careers encompass planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.		Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.
	Planning, managing and providing education and training services, and related learning support services.		Planning, managing, and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering
	Planning, services for financial and investment planning, banking, insurance, and business financial management.		Planning, managing, and performing marketing activities to reach organizational objectives.
	Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.		Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.
	Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.		Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

OPTIONS FOR EARNING COLLEGE CREDIT IN HIGH SCHOOL

Advanced Placement (AP) courses are designed for students who plan to pursue post-secondary education at the university and technical college levels. To earn college credit, students take a national exam ($96) in May and must earn a 3, 4, or 5 on the exam. Each technical college and university has its own set of standards regarding AP scoring; students are encouraged to look at the requirements for each school they are interested in to compare all options.

Currently, PHS students can take courses to prepare them for AP test through a variety of avenues:

1) *Traditional Classroom AP Courses:* AP Literature and Composition, AP Language and Composition, AP Calculus AB, AP United States History, AP Biology, and AP Government. Please see the recommend AP path below, but note that students can vary as they see fit within course offerings:

2023-2024 (adjustments to schedule coming next year, but the six offerings should be consistent)

Freshman Year- No AP offerings	Demonstrate excellence in core subjects (science, math, social studies, ELA) in order to be referred by teachers.	
Sophomore Year	Fall- None (it is now required for students to take regular Biology before AP Biology in their junior year)	Spring- APUSH (US History) (taken in place of US History)
Junior Year	Fall- AP GOV and/or AP BIO (AP GOV taken in place of Civics) AP Pre-Calculus	Spring- AP Calculus AB (if Pre-Calc has been taken) or AP Language
Senior Year	Fall- AP Literature	Spring- AP Calculus and/or AP Language

2) *Online AP Courses:* Students who have successfully taken the required general knowledge courses at PHS are encouraged to take online or distance learning AP courses. Please see the Online section for more information on this topic.

3) Dual Credit (DC) courses are technical college courses taught at the high school in which students can earn both high school and technical college credit. Currently, PHS has the following courses articulated with Mid-State Technical College for dual credit:

High School Course Title	Corresponding MSTC Course Title	Equivalent Credit
Machine Tool & Metal Fabrication I	Fabrication Fundamentals 1	1
Intro to Microsoft Office	Microsoft Office- Introduction	3
Essential Concepts of Health & Wellness	Essential Concepts of Health & Wellness	3
Foundations of Early Childhood Education	Foundations of Early Childhood Education	3
Food Science	Introduction to Food Science	3
Mental Wellness & Stress Management	Mental Wellness & Stress Management	3
Fish, Forest, and Wildlife Management	Fish, Forest, and Wildlife Management	3
Large Animal Science	Intro to Animal Science	3
Horticulture Science	Introduction to Horticulture	2
Intro to AutoCAD	Intro to AutoCAD	1
Welding I	Welding Fundamentals 1	1
Welding II	Welding Fundamentals 2 & Blueprint Reading	2
Principles of Marketing	Marketing Principles	3
Building & Construction	Construction Fundamentals	2
English Composition 1	English Composition 1	3
Speech	Speech	3
Oral & Interpersonal Communication	Oral & Interpersonal Communication	3
Restaurant Management	Quality Customer Service	1
Restaurant Management	Sanitation	1

Early College Credit Program (ECCP) & Start College Now (SCN) allows public high school juniors and seniors who meet certain requirements to take post secondary courses at a UW institution, a Wisconsin technical college, one of the state's participating private nonprofit institutions of higher education, or tribally-controlled colleges. Approved courses count toward high school graduation and college credit. STUDENTS NEED TO NOTIFY THE SCHOOL BOARD (submit the required form) BY MARCH 1ST FOR COURSES TO BE TAKEN THE FOLLOWING FALL SEMESTER AND BY OCTOBER 1ST FOR COURSES TO BE TAKEN THE FOLLOWING SPRING SEMESTER. The required form can be obtained from the School Counselor, or by visiting the DPI website https://dpi.wi.gov/dual-enrollment/eccp.

College-Level Examination Program (CLEP) is a College Board testing program that allows students to earn college credit by examination. There are 33 different subject exams which are accepted by over 2,900 colleges and universities. Students are not required to take a preparation class prior to taking the exam, but need a strong grasp of the subject material in order to pass the exam. Students are encouraged to contact their intended college or university to see if they participate in this program and, if they do, the cost associated with taking the exams at their site.

ONLINE (I) OPTIONS

Destination Careers Academy (DCA)

Pittsville High School began offering classes through DCA in the 2023-24 school year. This program focuses on technical and career-oriented classes. These classes are generally for upperclassmen who are confident in their career path. Career training in Agriculture, Health Sciences, Construction, Business, Information Technology, and Law are all options through DCA. Students will generally take these classes on provided computers in the PHS LMC at no cost to themselves. Please browse their website at https://dcawi.k12.com/ for more information.

Rural Virtual Academy (RVA)

Rural Virtual Academy (RVA) is a supplemental online course provider that partners with school districts throughout Wisconsin, to offer online courses to middle and high school students. RVA is a public charter school out of Medford, WI and has been operated for over a decade. It has served many enrollments to date. RVA "uncomplicates" the process of adding online courses to a district's middle and high school curriculum. RVA takes care of the details, providing the content, learning management system (LMS), Wisconsin-certified online teachers, technical support, training, server, and much more.

Although RVA offers many courses, Pittsville High School uses their services primarily to provide additional Advanced Placement courses to our students. However, students who are interested in a particular non-AP subject (I.E. Computer Programming) not offered at PHS or music students looking for a "skinny" have the option to take other courses with administrator approval. Additionally, students who are looking for credit recovery options can also utilize this service at their own expense. For more information (including a complete listing of all courses available,) please visit their website at https://www.rvaconnect.org/independent-study-course-catalog

OTHER/REQUIRED ELECTIVES

Classes offered every other day for a semester 1 & 2 (.25 credits per term): CTE Academy

Life and Personal Skills & PE 10 (Sem 2)
Career and Financial Literacy & PE 11 (Sem 1)
Contemporary American Problems & Senior Capstone (Sem 1)
(Internship, SCN, or community service choice)

AGRICULTURE EDUCATION (AG)

Course Offerings	9	10	11	12
Cranberry Science		X	X	X
+ Fish, Forest, and Wildlife Management (DC)	X	X	X	X
Food Science (DC)	X	X	X	X
Horticulture Science (DC)	X	X	X	X
Landscaping & Greenhouse Management	X	X	X	X
Large Animal Science (DC)	X	X	X	X
Leadership and Employability Skills	X	X	X	X
Small Animal/Vet Science		X	X	X
Vet & Small Animal Science II		X	X	X
-Wildlife & Conservation	X	X	X	X

(AG Mechanics is now Small Engines and can be found in the Technical Education section)

Cranberry Science (AGCRAN)

It's time to shine! Students have the opportunity to be part of the nationally recognized "SPLASH of RED CRANBERRY TOURS" and meet people from every state in the nation while increasing their knowledge in growing cranberries. Cranberry Science allows you to learn to speak to large groups of people and grow as an individual. The course will cover all aspects of the cranberry industry, while learning by giving cranberry tours. Student evaluations have given this class a 94% approval rating. Instruction includes the history of the cranberry industry and how it has evolved to its current status. Discussion of plant anatomy, growth, nutrition, and diseases is a priority. Field trips to marshes and local cranberry processing plants will also enhance curriculum. This course can be used to complete the Speech requirement for graduation.

- Prerequisites: Sophomore, Junior or Senior status
- ½ credit

+ Fish, Forest, and Wildlife Management DC (Dual Credit) (AGFISH)

Provides an integrated introduction to principles and practices of fisheries, forestry, and wildlife management, including production of goods and services while maintaining ecosystem integrity and functions. Emphasizes contemporary issues.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 3 credits for their "Fish, Forest, and Wildlife Management" course.

Food Science DC (Dual Credit) (AGFSCI)

Have you ever wondered about the relationship between science and food? Food Science is a course that focuses on the fundamental biological, chemical and physical scientific principles associated with the study of foods; topics include food composition and nutrition, food additives and regulations, food safety and toxicology, food processing, food engineering, food biotechnology, product development and sensory evaluation. This is a lab intensive course with a variety of hands on/project based learning opportunities.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 2 credits for their "Introduction to Food Science" course.

Horticulture Science DC (Dual Credit) (SCHORT)

Provides an overview of the science and profession of horticulture. Its role and importance throughout history, current trends, and careers are covered. Particular attention is given to horticultural crops, plant growth, and plant development. Successful completion of this course leads into an opportunity to enroll in Landscaping & Greenhouse management.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 2 credits for their "Introduction to Horticulture" course.

Landscaping & Greenhouse Management (AGLAND)

This hands-on, lab-based course is directed toward the students interested in landscaping, plant management, and industrial landscaping principles. This class has an emphasis on hands-on lab experience; students are encouraged to take this course if they like being outside during the spring months and doing labs in the greenhouse. Students will also be exposed to working in the greenhouse, hydroponics, bucket gardening, and orchard management. There is the possibility of doing a community landscape project as well.

- Prerequisites: Successful completion of Horticulture Science or teacher approval
- ½ credit

Large Animal Science DC (Dual Credit) (AGLARG)

This science based class provides students the basis to understand that all facets of modern agriculture are based on science discovery. Students will explore and discover the agriculture industry, particularly large animals in the Pittsville area. The course curriculum is enhanced through taking field trips and lab experiences to poultry, sheep, horse, dairy, elk, and pig farms. Students will learn about the impact agriculture has on the community by being exposed to a well-rounded, applied curriculum related to the large animal industry and the sciences that make agriculture such a fast growing industry. This course is highly recommended for students wishing to further their post-secondary education in the areas of animal and veterinary science.

- Prerequisites: None, but completion of Biology is recommended.
- ½ credit

Leadership and Employability Skills (AGLEAD)

Integrate necessary skills for student success by exploring your academic and career plan, identifying intrapersonal attributes for success, and adopt efficient and effective learning strategies for your future. This course develops student leadership skills that you can apply in everyday life. It will focus on personal skills development and team building activities in preparation for employment. Students will explore several career pathways and directly correlate their personal employability skills with the business community's expectations and needs. This course is highly recommended for club officers, committee chairpersons, sports captains, other school organization leaders, and anyone else wishing to improve their personal skills. Role playing, games, activities, and mini-workshops will be implemented into each unit.

- Prerequisites: None
- ½ credit

Veterinary & Small Animal Science (SCVETE)

This science based course will assist students in learning practical pet care for companion animals. In addition, the course explores care techniques, diseases, labs, and reproduction differences between small animals in a science based discovery way. Field trips in the topic areas will be included as well as knowledgeable speakers. Students are also encouraged to bring animals to class and demonstrate knowledge of their pets. This course is highly recommended for students wishing to further their post-secondary education in the areas of animal and veterinary science.

- Prerequisites: None
- ½ credit

Veterinary & Small Animal Science II (SCVET2)

Students enrolled in this science based course will follow advanced placement type coursework that will include topics ranging from cells to surgery and provide a view of the practice of veterinary medicine. iCEV curriculum will be used as part of the certification requirement and students will also need to plan and assist with care of classroom animals. Specific coursework will include: Animals & Society, Animals in Research, Veterinary Laws & Ethics, Common Veterinary Medical Equipment, Veterinary Medical Terms & Terminology, Basic Canine & Feline Anatomy, External Anatomy of Livestock: Terms & Terminology, Circulatory & Respiratory Systems, Digestive System, Endocrine, Immune & Integumentary Systems, Nervous, Skeletal & Muscular Systems, Animal Behavior, Veterinary Medical Practices: Animal Handling & Identification, Veterinary Medical Practices: Vital Signs, Veterinary Medical Practices: Blood Samples, Veterinary Medical Practices: Injections, Mathematical Applications in Veterinary Science, Veterinary Medical Practices: Clinical Examinations, Veterinary Medical Practices: Laboratory Procedures, Veterinary Medical Practices: Hospital Procedures

- Prerequisites: Veterinary and Small Animal Science, Biology
- ½ credit

-Wildlife & Conservation (AGWILD)

Students will examine issues concerning Wisconsin's native wildlife; topics will include Wisconsin's rich history of wildlife, hunting regulations, conservation concerns, and Project Wild. The hands- on portion of this class includes learning how to score antlers and the taxidermy process. The course curriculum will also be enhanced with field trips to whitetail deer and wildlife bird farms. If you are a student who enjoys the outdoors and wants to understand wild animals, conservation and wildlife in Wisconsin, this class is for you.

- Prerequisites: None
- ½ credit

ART EDUCATION (AR)

Course Offerings	9	10	11	12
+Art Glass	X	X	X	X
Intro Ceramics	X	X	X	X
Advanced Ceramics		X	X	X
Intro Drawing	X	X	X	X
Advanced Drawing		X	X	X
-Jewelry	X	X	X	X
-Advanced Jewelry			X	X
+ Multi-Media Art 1	X	X	X	X
+ Multi-Media Art 2	X	X	X	X
-Painting	X	X	X	X
+Intro Printmaking	X	X	X	X
+Advanced Printmaking			X	X

+Art Glass (ARGLA, ARGLAB, ARGLAC)

This studio course investigates a variety of approaches to glass. Students will develop an understanding of designing and soldering stained glass pieces. They will explore kiln forming by using a variety of methods to shape glass in a kiln using heat. The course will use sheet glass, rods, noodles, stringer, frit and more. If you enjoy working in glass this course is for you!

- Prerequisites: None
- ½ credit; this course can be repeated for credit
- Note: This course can also be taken as a skinny opposite another skinny such as band or choir for ¼ credit, or with a study hall for no credit

Ceramics (ARCERA, ARCERB, ARCERC)

Develop an understanding of hand building techniques: slab, coil, pinch, drape, and wheel thrown ceramics. Projects may include: bowls, plates, mugs, vases, and sculptural forms using traditional glazes, underglazes, raku glazes, and stains.

- Prerequisites: None
- ½ credit; this course can be repeated for credit.
- Note: This course can also be taken as a skinny opposite another skinny such as band or choir for ¼ credit, or with a study hall for no credit

Drawing (ARDRAW, ARDRAB, ARDRAC)

This studio course will emphasize accurate observation and teach the most fundamental drawing skills. While using different drawing tools, we will apply different techniques for creating the value scale. To improve your drawing skills we will draw from life and work with perspective, realism, portraiture, and abstract art. Course tools are chosen from graphite, pen and ink, colored pencils, pastels, conte, embossing, and printmaking techniques. Some materials may have to be purchased by students.

- Prerequisites: None
- ½ credit; this course can be repeated for credit.
- Note: This course can also be taken as a skinny opposite another skinny such as band or choir for ¼ credit, or with a study hall for no credit

-Jewelry (ARJEWE, ARJEWB, ARJEWC)

Explore and create a variety of art pieces such as pendants, bracelets, pins, key chains, and rings. Course may include a variety of mediums including glass, plexiglass, clay, metal, resin and junk. Some materials will have to be purchased by students.

- Prerequisites: None
- ½ credit; this course can be repeated for credit.
- Note: This course can also be taken as a skinny opposite another skinny such as band or choir for ¼ credit, or with a study hall for no credit

+ Multi-Media Art 1 (ARMUL1, ARMU1B, ARMU1C)

Explore and create a variety of projects, incorporating a variety of mediums. Designed for any student (not only those interested in fine arts) interested in developing lifelong skills. Potential projects include: weaving, fabric batik, ceramic tile making, bookmaking, metal boxes, basketry/vessel making, painting, paper cutting, foiled glass work, Ukrainian egg decorating, felting, and glass mosaic. Some materials may have to be purchased by students

- Prerequisites: None
- ½ credit; this course can be repeated for credit.
- Note: This course can also be taken as a skinny opposite another skinny such as band or choir for ¼ credit, or with a study hall for no credit

+ Multi-Media Art 2 (ARMUL2, ARMU2B, ARMU2C)

Explore and create a variety of projects, incorporating a variety of mediums. Designed for any student (not only those interested in fine arts) interested in developing lifelong skills. Potential projects include: weaving, fabric batik, ceramic tile making, bookmaking, metal boxes, basketry/vessel making, painting, paper cutting, foiled glass work, Ukrainian egg decorating, felting, and glass mosaic. Projects will not be repeated from Multi-Media 1. Some materials may have to be purchased by students.

- Prerequisites: None
- ½ credit; this course can be repeated for credit.
- Note: This course can also be taken as a skinny opposite another skinny such as band or choir for ¼ credit, or with a study hall for no credit.

-Painting (ARPAIN, ARPAIB, ARPAIC)

Building on the drawing skills, the painting studio course will explore and experience a variety of painting techniques and media. Students will apply their knowledge of the value scale to color and paint. Exploration of artists' styles will inspire student work. Course tools are chosen from watercolor pencils, watercolor, acrylic, ink, and oils. Some materials may have to be purchased by students.

- Prerequisites: Drawing
- ½ credit; this course can be repeated for credit.
- Note: This course can also be taken as a skinny opposite another skinny such as band or choir for ¼ credit, or with a study hall for no credit

+Printmaking (ARPRIN, ARPRIB, ARPRIC)

Explore the unlimited possibilities of creating works of fine art through the medium of printmaking by creating artwork through printing with a press. Students will explore a variety of techniques such as relief carving, etching, collagraph, and embossing to bring their drawings to life.

- Prerequisite: Drawing
- ½ credit; this course can be repeated for credit
- Note: This course can also be taken as a skinny opposite another skinny such as band or choir for ¼ credit, or with a study hall for no credit

Advanced Art Courses

All above high school art classes are offered as an advanced course during 2nd block.. Students will need to have completed beginner level courses or get approval from the art teacher to enroll in the advanced section. The advanced course will be in the same focus area as the concurrent beginner class (drawing, ceramics, etc). Students will work on more sophisticated artistic concepts and will create work independently to craft an advanced art portfolio. These courses are full blocks.

- Prerequisite: Successful completion of beginning class or waiver by art teacher
- ½ credit per term

BUSINESS EDUCATION (BU)

Course Offerings	9	10	11	12
Accounting I		X	X	X
Basics of Computing	X	X	X	X
Desktop Publishing	X	X	X	X
Entrepreneurship	X	X	X	X
International Business	X	X	X	X
Intro to Microsoft Office (DC)	X	X	X	X
Principles of Marketing (DC)	X	X	X	X
Restaurant Management	X	X	X	X
Yearbook & Web Design	X	X	X	X

Accounting I (BUACC1)

An introduction to principles of double-entry accounting is stressed. Emphasis is placed on understanding accounting and exercising fundamental principles. Computerized accounting methods will also be practiced.

- Prerequisites:
- ½ credit

Basics of Computing (BUBACO)

In this class, students will learn about the history of computers and how the idea originated. Students will also gain knowledge of basic hardware and software components and their functions. This class will also explore several other topics such as internet searching, file management, internet security, HTML coding and much more. If you have ever thought about working in the information technology field this is a great course to gain a base knowledge of the career path.

- Prerequisites: None
- ½ credit

Desktop Publishing (BUDESK) (not offered in 23-24)

Gain readily marketable skills to enhance your employability while learning the specifics of Microsoft Publisher. Projects include creating magazine covers, booklets, flyers, brochures, business cards, menus, and more! You will be able to understand the elements of design and apply them to any interest in marketing or graphic design.

- Prerequisites: None
- ½ credit

Entrepreneurship (BUENTR)

Have you ever thought you would like to own your own business or form a corporation with friends? This is your opportunity to discover the hard work needed in order to make your business a success. How do you go into business for yourself? What do you need to consider with regard to financing, location, partners, type of business, etc...?

- Prerequisites: None
- ½ credit

Intro to Microsoft Office DC (Dual Credit) (BUINTR)

Develops introductory skills in the Microsoft Office Suite (Word, Excel, Access, PowerPoint, and Outlook) while reinforcing knowledge of computer concepts, Windows Explorer, and Internet usage. Students should possess basic keyboarding, mouse, and Windows 10 skills. Students may develop these skills in the LiNK while concurrently enrolled in this course.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a Sophomore, Junior or Senior. Successful completion will earn you 3 credits for their "Microsoft Office Intro" course.

International Business (BUINBU)

From geography to culture, Global Business is an exciting topic in the business community today. This course is designed to help students develop the appreciation, knowledge, skills, and abilities needed to live and work in a global marketplace. It takes a global view on business, investigating why and how companies go international and are more interconnected.

- Prerequisites: None
- ½ credit

Principles of Marketing DC (Dual Credit) (BUPRIN)

This course introduces principles and problems of marketing goods and services. This course surveys the marketing mix and marketing concept; product, service, and relationship marketing for global competition; creating and keeping customers in an e-commerce world; branding and positioning; distribution strategies, and pricing strategies. This is a great class to learn how to market yourself and PHS, as well as a business.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a Sophomore, Junior, or Senior. Successful completion will earn you 3 credits for their "Marketing Principles" course.

Restaurant Management (BUREST)

Have you always dreamed of running your own restaurant? Maybe you want to manage a restaurant for a famous chef. What goes on beyond the dining room in a restaurant can determine whether a restaurant is a wild success or a dismal failure. In Restaurant Management, you'll learn the responsibilities of running a restaurant—from ordering supplies to hiring and firing employees. This course covers the different types of restaurants; managing kitchen and wait staff; food safety and hygiene; customer relations; marketing; using a point-of-sale system; scheduling employees; and dealing with difficult guests. Restaurant Management will prepare you for a steady career, whether you plan to buy a fast food franchise, operate a casual sit-down restaurant, or oversee a fine-dining establishment. You will also gain ServSafe certification to utilize in a future career in the Tourism and hospitality Industry.

- Prerequisites: None
- ½ credit

Yearbook and Web Design (BUYEWE)

This combined course is for students who want to learn how to create web pages and help with yearbook creation. Students learn how to or create websites and basic design features of websites. Students will also use web design software to create pages for the high school webpage. Additionally, students will be responsible for the production, publication, and marketing of the school yearbook.

- Prerequisites: None
- ½ credit

ENGLISH EDUCATION (EN)

Course Offerings	9	10	11	12
American Literature			X	X
Language and Composition (AP)			X	X
Literature and Composition (AP)			X	X
World Literature			X	X
Composition	X	X	X	X
Creative Writing	X	X	X	X
English 9	X			
English 10		X		
English 11/12			X	X
English Composition I (DC)		X	X	X
Oral & Interpersonal Comm (DC)		X	X	X
Outdoor Literature		X	X	X
Speech		X	X	X
Speech (DC)		X	X	X
Popular Literature		X	X	X

American Literature (ENAMER)

American Literature surveys a range of works produced in or about the United States of America. Literary works from diverse ethnic, racial, and social groups are studied in their historical, social, and political context for what they reflect and reveal about the evolving American experience.

- Prerequisites: Junior or Senior Status (or waiver by instructor)
- ½ credit

Language and Composition (AP) (ENLANA & ENLANB) (not offered in 23-24)

The AP English Language and Composition course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Students will learn to recognize and utilize various academic vocabularies, especially rhetorical and stylistic devices, take sample AP Language Multiple Choice tests using test strategies, and practice writing for the three essays on the AP College Board test: the Synthesis Essay, the Rhetorical Analysis Essay, and the Argument Essay.

- Prerequisites: Junior or Senior Status with Instructor's Consent and B- or above in English 10
- 1 credit

Literature and Composition (AP) (ENLITA & ENLITB)

This course, designed to be at a level equivalent to a first year college or university English class, is a rigorous, in-depth look at short stories, poetry, long fiction, and literary analysis. Students read, discuss, analyze, and write daily, and study the historical, cultural, and societal contexts and implications of works they are reading. The writing will cover topics that range from analyzing the author's tone, syntax, and diction, to synthesizing the context of the works with different literary criticisms. The course also works to prepare students for the AP Lit exam by including timed essays and multiple choice practice.

- Prerequisites: Junior or Senior Status with Instructor's Consent and B- or above in English (or instructor consent)
- 1 credit

Composition I (ENCOM1)

Do you love to write? Or maybe you don't love writing. Either way–this course is for you! Throughout the 9 weeks, you will work on building and refining the skills required to create a variety of informational pieces, both formal and informal, that will improve your skills as a writer. Employers are looking for the skills you will build, or improve on, in this course: communication, critical thinking, teamwork, and creativity.

- Prerequisites: None
- ½ credit

Creative Writing (ENCREA)

This course is for students who are interested in creative writing. Through daily reading and writing, students will build their narrative and grammatical 'tool box' and produce pieces of both short and longer fiction.

- Prerequisites: None
- ½ credit

English 9 (ENEN9A & ENEN9B)

This 1 credit required English class will introduce the following literary genres: Novel, Short Story, and Poetry. Students will engage in critical thinking through literary analysis of class texts. They will learn to work in collaborative teams. Students will build on what they have learned in previous years, as they develop as readers, thinkers, speakers, and writers. This is a required course for freshmen.

- Prerequisites: None
- 1 credit

English 10 (ENE10A & ENE10B)

A year-long course that introduces the following literary genres: Novel, Short Story, Drama, and Poetry. English 10 focuses on building a strong base in literary analysis through multiple writing assessments and projects.. This is a required course for sophomores.

- Prerequisites: English 9 or waiver
- 1 credit

English 11/12 (ENGJS)

This one term course explores various English topics at an 11th and 12th grade level. Students will study short fiction, poetry, and drama. Students will engage in sophisticated literary analysis of complex texts.

- Prerequisites: English 9 & 10; junior, or senior status
- ½ credit

English Composition I (DC)

Designed for learners to develop knowledge and skills in all aspects of the writing process. Planning, organizing, writing, editing, and revising are applied through a variety of activities. Students analyze audience and purpose, use elements of research, and format documents using standard guidelines. Individuals develop critical reading skills through analysis of various written documents

- Prerequisites: English 9 & 10, High School GPA of 3.0
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 3 credits for their "English Composition 1" course.

Oral & Interpersonal Communication (DC) (ENORIC)

Focuses on developing effective listening techniques and verbal and nonverbal communication skills through oral presentation, group activity, and other projects. The study of self, conflict, and cultural contexts will be explored, as well as their impact on communication. This course fulfills the speech requirement for high school graduation.

- Prerequisites: English 9 & 10 High School GPA of 3.0
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior, or senior. Successful completion will earn you 3 credits for their "Oral & Interpersonal Communications" course.

Speech (ENSPEE)

This course is intended for students interested in advancing their speaking, verbal and non-verbal communication and listening skills. The study of the oral tradition is highly emphasized in this course. Through researching, planning, writing, and presenting speeches, students will develop effective organization, evaluation, and presentation techniques.

- Prerequisites: Sophomore, Junior, or Senior Status
- ½ credit

Speech (DC) (ENSPEEC)

Explores the fundamentals of effective oral presentation to small and large groups. Topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process, form the basis of the course.

- Prerequisites: English 9 & 10, High School GPA of 3.0
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 3 credits for their "Speech" course.

Outdoor Literature (ENOUTD)

Outdoor literature is a class designed for students with an interest in outdoor activities. The class will focus on a variety of outdoor interests ranging from, but not limited to, hunting, fishing, water sports, and wilderness ethics. The literature of the class will be adapted to suit the interests of each particular class, but it will focus on essays, short stories, poetry, and magazine articles. While literature based the class will also include writing and research components as well as oral presentations of information.

- Prerequisites: Sophomore, Junior, or Senior Status
- ½ credit

Popular Literature (ENPOPU)

This is a semi-autonomous one term class for students that love reading. Over the course of the term, students read four texts, write and publish reviews, reach out to authors, and do close literary analysis.

- Prerequisites: Sophomore or above
- ½ credit

World Literature (ENCLAS)

This one term course will explore poetry, short stories, and long fiction from authors around the world. Students will focus on reading, discussion, and literary analysis, as well as composition skills.

- Prerequisites: Junior or Senior Status
- ½ credit

FAMILY AND CONSUMER EDUCATION (FC)

Course Offerings	9	10	11	12
Essential Concepts of Health & Wellness (DC)		X	X	X
Foundations of Early Childhood Education (DC)	X	X	X	X
Global Foods		X	X	X
Gourmet Foods	X	X	X	X
Local Foods	X	X	X	X
Medical Law, Ethics, & Professionalism (DC)			X	X
Mental Wellness & Stress Management (DC)		X	X	X
Restaurant Management		X	X	X

Essential Concepts of Health & Wellness DC (Dual Credit) (FCECHW)

This is an introductory course focusing on basic health and wellness promotion principles at the individual level. Basic principles include physical, mental, and spiritual. Students explore a holistic view of health and wellness concepts covering healthy lifestyle choices, managing stress, individual wellness perspective and how economics can positively and negatively impact the health and wellness of an individual.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 3 credits for their "Essential Concepts of Health and Wellness" course.

Foundations of Early Childhood Education DC (Dual Credit) (FCINFA)

This course introduces you to the early childhood profession. Course competencies include: explore the concepts of diversity, cultural responsiveness, and anti-bias as it relates to early childhood education, investigate the history of early childhood education, examine regulatory requirements for early childhood education programs in WI, summarize types of early childhood education settings, identify the components of a quality early childhood education program, summarize responsibilities of early childhood education professionals, explore early childhood curriculum models and examine the critical role of play as it relates to developmentally appropriate practice. Students who complete the course requirements are eligible to receive the Assistant Child Care Certificate (ACCT) which potentially allows them to work at a licensed child care center starting at the age of 17. You are able to take this course before you are 17 years of age but will not receive the ACCT. In the future, if you want to obtain the ACCT you will be able to take the class again.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 3 credits for their "Foundation of Early Childhood Education" course.

Global Foods (FCGLOB)

This class will focus on cultures and cuisines from WORLD lands. We will sample different cooking and baking techniques that are common in other countries. Some of the cultures that will be investigated include: Asian, Russian, Regional US as well as Latin America.

- Prerequisites: None
- ½ credit

Gourmet Foods (FCGOUR)

This class will focus on baking techniques. Major topics that will be covered include: sanitation, measurement, recipe terminology, egg cookery, holiday planning, cakes, cookies, pies and candies.

- Prerequisites: None
- ½ credit

Local Foods (FCLOCA)

This class will focus on foods that are grown in our local area. We will use different techniques to preserve food, such as canning and freezing. Major topics that will be covered include: community supported agriculture, the benefits of eating local, as well as the difference between organic and local foods.

- Prerequisites: None
- ½ credit

Medical Law, Ethics & Professionalism DC (Dual Credit) (MEDI)

Prepares students to display professionalism and perform within ethical and legal boundaries in the healthcare setting. Students will learn to maintain confidentiality, examine legal aspects of the medical record, perform quality improvement procedures, examine legal and bioethical issues and demonstrate awareness of diversity.

- Prerequisites: Junior or Senior Status
- ½ credit

Mental Wellness & Stress Management DC (Dual Credit) (FCMWSM)

Investigate the underpinnings of mental health and wellness. Explore the risks of stress and emotional management techniques to mitigate these risks by embracing a growth mindset. The learner will be engaged in processes to support the emotional dimension of health and demonstrate ways to implement these practices for oneself and others along their wellness journey.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior, or senior. Successful completion will earn you 3 credits for their "Mental Wellness & Stress Management" course.

Restaurant Management (BUREST)

Have you always dreamed of running your own restaurant? Maybe you want to manage a restaurant for a famous chef. What goes on beyond the dining room in a restaurant can determine whether a restaurant is a wild success or a dismal failure. In Restaurant Management, you'll learn the responsibilities of running a restaurant—from ordering supplies to hiring and firing employees. This course covers the different types of restaurants; managing kitchen and wait staff; food safety and hygiene; customer relations; marketing; using a point-of-sale system; scheduling employees; and dealing with difficult guests. Restaurant Management will prepare you for a steady career, whether you plan to buy a fast food franchise, operate a casual sit-down restaurant, or oversee a fine-dining establishment.

- Prerequisites: None
- ½ credit

WORLD LANGUAGE EDUCATION (FL)

Course Offerings	9	10	11	12
Spanish I	X	X	X	X
Spanish II	X	X	X	X
Spanish III		X	X	X
Spanish IV			X	X
Spanish V			X	X
Advanced Independent Spanish				X

Spanish I (FLSP1A & FLSP1B)

Students will begin the process of acquiring Spanish. The main focus of level 1 is to be able to understand and read the most used Spanish words in order to comprehend commonly used language. Speaking and writing skills will develop as students learn about a variety of cultural topics. This course is designed to focus on language proficiency skills, with a goal of reaching Intermediate-Low proficiency.

- Prerequisites: None
- 1 credit

Spanish II (FLSP2A & FLSP2B)

As students move along to the next level, everything from Spanish I is still critical: we will use Spanish to read, write, and communicate with each other. A continued focus on acquiring the most used words in the language will help build proficiency with a goal of reaching Intermediate-Mid proficiency.

- Prerequisites: a C average for Spanish IA and IB
- 1 credit

Spanish III /IV/V (FLSP3A & FLSP3B) (FLSP4A & FLSP4B) (FLSP5A & FLSP5B)

Students have spent the past two or more years acquiring Spanish, and the emphasis is the same in third year Spanish and beyond. Students in 3 and above will learn about a variety of cross-curricular and cultural topics. Don't be intimidated by an advanced language course! Previous years of study have prepared students to continue growing as Spanish speakers. Though students study the same unit together, the level of Spanish they are expected to produce varies by year. Proficiency goals are based on the year of study:

Spanish 3 has a goal of growing in the Intermediate- Mid proficiency level.

Spanish 4 and above is beginning to produce Intermediate- High language.

This course is taught using an alternating curriculum which will change each semester for two years (A,B,C, D). Students will explore new topics each semester.

- Prerequisites: a C average in the previous level course
- 1 credit per year

Advanced Independent Study (FLADIND)

If you have taken 4 years of Spanish and are approved to do so, you may partake in a term long independent study class. This class will involve a variety of independent activities to help you grow your language abilities. This course involves 100% independent learning. You will receive a learning contract with tasks to complete to earn certain grades. Some tasks are watching a Spanish show, producing weekly news reflections, reading a variety of novels, among other activities.

- Prerequisite: Instructor approval
- 1 credit

HEALTH OCCUPATIONS EDUCATION (HE)

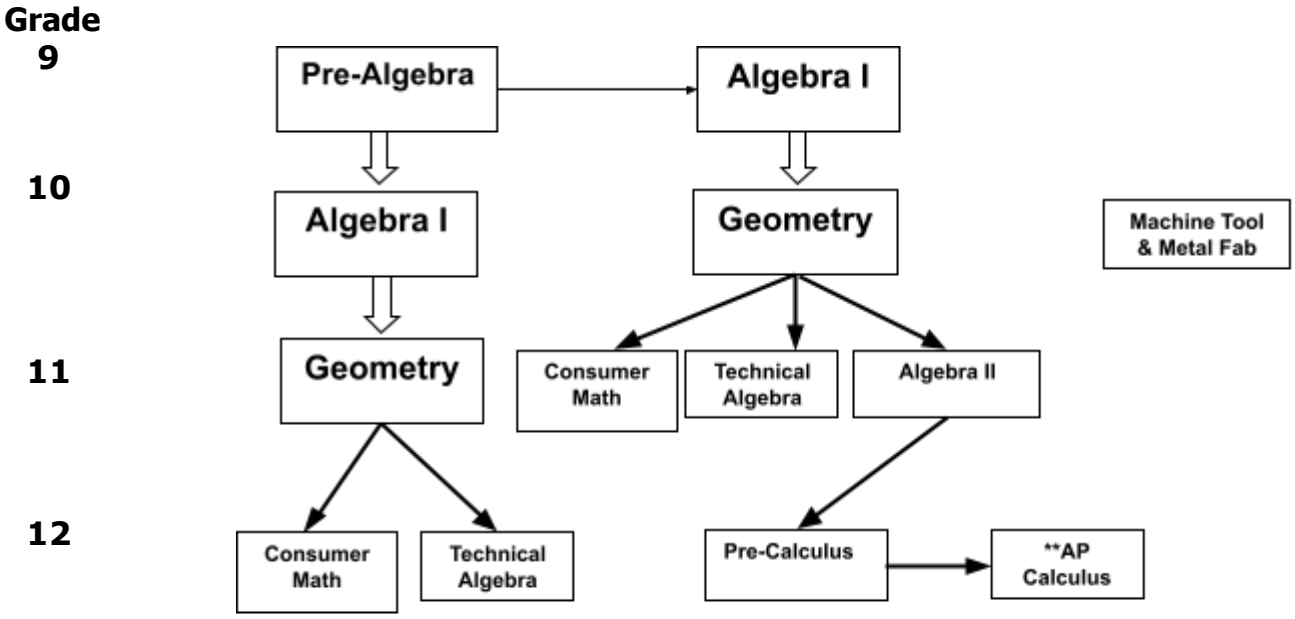
Course Offerings	9	10	11	12
Nursing Assistant-Basic			X	X

Nursing Assistant-Basic (Dual Credit) (HENABA)

This 120 hour Mid-State Technical College course prepares learners to display effective interpersonal and social interaction skills in a care setting; perform basic nursing, personal care and restorative skills; identify principles of and requirements related to client rights; and demonstrate techniques for meeting the basic needs of clients with dementia. This course involves online lecture, campus lab experiences, and 48 hours of clinical practicum, which involves working in healthcare agencies with patients and residents. Students must be at least 16 years old to attend clinical practicum. Completion of this course prepares students to take the state of Wisconsin licensing exam of which they must pay on their own. Students are responsible for their own transportation.

- Prerequisites: Junior or Senior Status
- Start College Now Form to school board prior to Oct. 1 or March 1 of each year
- .75 high school credit and 2 or 3 MSTC credits

MATH EDUCATION (MA)



Algebra I (MAAL1A & MAAL1B)

This course is a high school math course that is a prerequisite for most high school math and science courses. Algebra I is beneficial for those who plan on attending school after high school. Focus is to learn algebraic processes and investigate patterns in linear and quadratic equations. The logical processing and communication skills learned will help you in many walks of life. Students who take this course in 8th grade will have it on their HS transcript, but will still be required to take three years of math while a high school student.

- Prerequisites: None
- 1 credit

Algebra II (MAAL2A & MAAL2B)

This course furthers the study of Algebra I, linear and quadratic equations, and also includes, irrational numbers, rational and radical expressions, equations and polynomials; there is also a possibility of getting back into right angle trig before taking the ACT test again. This course is beneficial for ACT Math prep and prepares students for entry level college courses.

- Prerequisites: Algebra I, Geometry
- 1 credit

Calculus (AP) (MAACAL)

This course will focus on limits, derivatives, and integrals and their applications. A solid understanding of previous math classes is beneficial. It is recommended that students take this course during the junior or senior year.

- Prerequisites: Pre-Calculus
- 1 credit

Consumer Math (MACONA)

This course deals with the decisions and problems consumers face in everyday life. This course will not only deal with the mathematics of consumer affairs, but also other criteria needed for good consumer decisions. Topics include work, occupations, banking and credit, autos and transportation, housing and taxes, personal finance and investments and budgeting.

- Prerequisites: None
- ½ credit

Geometry (MAGEOA & MAGOEB)

Geometry features the study of several mathematical concepts focusing on angle measures and side lengths. The class involves applications of shapes, particularly as it relates to Algebra.

- Prerequisites: Algebra I
- 1 credit

Machine Tool/Metal Fabrication I DC (Dual Credit) (TEMAC1)

Students participating in this class will be introduced to common machine tools and their functions. Students will learn about and apply knowledge of structural shapes, sheet metal fabrication, fabrication techniques, metal selection, layout, cutting, bending, drilling, threading, and joining using manual equipment and techniques. Information is presented to the student and followed up with lab activities to provide a hands-on experience. Emphasizes developing an understanding of the tools, techniques, safe work habits, and application of sheet metal fabrication skills, drill press operation, metal lathe operation, and manual mill operation. Instruction will also include precision measurement, and computer controlled machining. By taking this course, students can receive .50 credits of math electives.

- Prerequisites: None
- ½ credit
- Articulation: Fabrication Fundamentals 1 Dual Credit

Pre-Algebra (MAPREA & MAPREB)

This is a course designed for those not quite ready to take algebra. It reviews basic math concepts required for algebra as well as basic algebraic concepts.

- Prerequisites: None
- 1 credit
- *Note: If a student is recommended for this course, they must also take Algebra I within the same school year.*

Pre-Calculus (AP) (MAPRCA & MAPRCB)

Pre-Calculus is designed to provide the serious mathematics student with the essential mathematical background needed in calculus and other college level courses. This course culminates in the optional AP exam, which gives students an opportunity to earn college math credit. This course prepares students for success in AP Calculus, in which students can earn college credit.

- Prerequisites: A/B in Algebra II
- 1 credit

Statistics and Probability (MASTAT) (not offered in 2024-25)

This course is a practical, hands-on approach to the study of statistics and probability. The topics include the use of graphs such as histograms, stem plots, time plots, and scatter plots to display data, using numbers such as median, mean, and standard deviation to describe data, evaluating data distribution, and calculating probabilities.

- Prerequisite: None
- 1 credit

Technical Algebra (MACOLA & MACOLB) (This course was previously called 'Advanced Algebra')

This course offers algebra content with applications. Topics include properties of real numbers, order of operations, algebraic solution for linear equations and inequalities, operations with polynomial and rational expressions, operations with rational exponents and radicals, algebra of inverse, logarithmic and exponential functions. This class is recommended for students looking to improve their foundations of algebra skills as preparation for technical school curriculum.

- Prerequisites: Junior or Senior status
- 1 credit

MUSIC and DRAMA EDUCATION (MU)

Course Offerings	9	10	11	12
Concert/Band	X	X	X	X
Concert Choir	X	X	X	X
Independent Music	X	X	X	X
Music Appreciation	X	X	X	X
Music in Theater	X	X	X	X
Theater Design	X	X	X	X
Drama	X	X	X	X

Concert Band (MUCONA & MUCONB) Skinny

Band is available to all interested students who are proficient on a band instrument or are willing to work to become proficient on a band instrument. Students in band will play alone and with others on a varied repertoire of music ranging from popular tunes to jazz to classical music. Band meets daily as a large group. Band members are required to participate in Pep Band, Parades, Pops/Fall Concert, Holiday Concert, Large Group Contest, Spring Concert, and Commencement.

- Prerequisites: Proficiency on a band instrument or consent of instructor
- ½ credit/term (this course must be taken for at least two consecutive terms) and can be repeated for credit

Concert Choir (MUCOSA & MUCOSB) Skinny

Choir is available to all students in grades 9-12 who are interested in singing and developing musical skills. Focus will be placed on music theory, sight-reading, proper vocal production, diction, style, and defining the role of the individual in a large ensemble. Choir will perform a variety of repertoire from various time periods and genres. Attendance is required at all performances including: Pops/Fall concert, Holiday Concert, Large Group Contest, Spring Concert, and Commencement.

- Prerequisites for choir: 8th gr. Choir or voice placement interview with instructor
- Prerequisites for swing choir: Auditioned the previous spring & able to take choir all year long
- ½ credit/term (this course must be taken for at least two consecutive terms) and can be repeated for credit

Music Independent Study (MUMUIA & MUMUIB) Skinny

This course is a project based music course. Students will collaborate individually with the teacher to decide on a course of study that may include (but is not limited to) music performance, history, research, listening, or composition. Examples of projects may include: selecting and performing a solo or ensemble for a WSMA event, researching a topic in music history, or collaborating to put together a service project that benefits the music department. Students will complete a minimum of two separate projects throughout the term and will be graded using a predetermined rubric. Students will also complete a number of self-reflections.

- Prerequisites: Minimum of one year in a high school level performing ensemble & Instructor approval
- ½ credit (will run as a skinny all year long); this course can be repeated for credit

Music Appreciation (MUMUSA & MUMUSB) Skinny

This course is designed to acquaint students with the elements of music and the primary musical periods of traditional Western European classic music through Contemporary. Its integrated approach allows students with no previous musical experience to explore the history of music through reading, listening, and research. Recordings, as well as videotaped performances, are played during class periods. Attendance at live performances is highly recommended.

- Prerequisites: None
- ½ credit; this course can be repeated for credit

Music in Theater (MUMUTA & MUMUTB) Skinny (not offered in 24-25 School Year)

The purpose of this course is to introduce students to the aspect of music in theater. Projects will vary from research to performance. Students will be required to study various genres and perform musical pieces alone and in a group. Emphasis will be put on proper singing technique, movement, and a well-connected understanding of the place of music in the theatrical world.

- Prerequisites: Choir & Instructor Approval
- ½ credit; this course can be repeated for credit

Drama (MUDRAM) Semester Skinny

So much more than acting, this course will provide a broad overview of what constitutes "drama" and "theatre." Learn about the roots and rich history of theatre; experience the basics of acting, including warm-up routines, acting exercises, and how to create character. Become familiar with the spectrum of theatre study and careers in theatre. Understand the technical components of theatre production and gain insight into theatre's counterparts, including radio, film, and television. Expect a mix of textbook study, on-your-feet participation activities, current articles, and video clips that bring the theatre world to the classroom. This class is a semester skinny class, but exceptions can be made for students who only want to do a term.

- Prerequisites: None, but membership in the PHS Drama Club is recommended
- ½ credit

Theater Design (MUTHDE) Semester Skinny

This course will cover the non-acting components of dramatic performances, from lighting to set design to costumes and more. Students will study set designs and create their own technical plan to support dramatic performances. This class is a semester skinny class, but exceptions can be made for students who only want to do a term.

- Prerequisites: None, but membership in the PHS Drama Club is recommended
- ½ credit

PHYSICAL EDUCATION (PE)

Course Offerings	9	10	11	12
Health	X			
Physical Education 9, 10, & 11	X	X	X	
Fitness & Weight Training	X	X	X	X
Competitive Games			X	X

Health (PEHEAL)

In this class, you will have the opportunity to learn about multiple health topics that relate to your life. We will discuss topics such as current health issues, physical fitness, nutrition, social health, mental health, emotional health, substance use/abuse, and sexuality. This class is required for graduation.

- Prerequisite: none
- ½ credit

Physical Education (PEPHY9, PEPH10, PEPH11)

Students will be given an opportunity to work on skill development and strategies in various team and individual sports, games, and activities. Effort, participation, use of skills, and responsibility will be emphasized. Units will vary by semester due to availability of space, weather, and student interest.

- Prerequisites: None
- ½ credit

Fitness and Weight Training (PEWEIG)

The purpose of this class is to encourage you to lead a physically active lifestyle. Our intent is to connect what is done in class with the lives of students outside of class, and more importantly for the rest of your lives. The expectation of the class is centered on constant movement with little rest time. You will perform different types of weight & cardio workouts to start out the semester.

- Prerequisites: None
- ½ credit

Competitive Games (PECOMP)

This class is designed for competitive students who enjoy high intensity games. Students will apply their physical skills and athleticism to compete against each other both individually and in teams. The development of strategies to win games, as well as sportsmanship will be emphasized. This is a class where students should expect to bring high physical energy to each class, as there will be both tournament-style play and games in which the score will be kept for continuous competition.

- Prerequisite: Junior or Senior status & have received no lower than B in required previous PE courses.
- ½ credit

SCIENCE EDUCATION (SC)

Course Offerings	9	10	11	12
+Advanced Chemistry			X	X
Biology		X		
AP Biology			X	X
Chemistry		X	X	X
Ecology		X	X	X
Forensic Science			X	X
Horticulture Science (DC)	X	X	X	X
Human Anatomy & Physiology			X	X
Physical Science	X			
-Physics			X	X
Science Issues		X	X	X
STEM:Science Olympiad	X	X	X	X
Survival Biology		X	X	X
Veterinary & Small Animal Science	X	X	X	X
Zoology		X	X	X

+Advanced Chemistry

Advanced Chemistry is a rigorous laboratory science course designed to reinforce concepts previously studied in general chemistry, and introduce new concepts related to thermodynamics, chemical equilibrium, reaction kinetics, electrochemistry, organic chemistry, and qualitative analysis. Each unit will typically consist of problem sets, laboratory activities, and an exam. This course is intended to prepare students for an introductory college chemistry course.

- Prerequisites: Successful completion of Chemistry and Algebra II with a "B-" or better
- 1 credit

Biology (SCBIOA & SCBIOB)

Tenth grade biology is designed to provide students with the basic principles and concepts of the life sciences. Building on the experiences and prior knowledge that the students bring to this course, we will engage in a series of conversations and laboratory exercises to explore and examine a series of topics related to living life forms. Interesting themes include biology, genetics, cells, evolution, ecology, bacteria, plants and animals, to name a few.

- Prerequisites: None
- 1 credit

Biology (AP) (SCBIPA & SCBIPB)

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and system interactions. Successful completion of this course and a score of 3 or higher on the AP BIO exam in the spring can count for college credit in most institutions.

- Prerequisites: Biology (B or higher)
- 1 credit

Chemistry (SCCHEA & SCCHEB)

Chemistry is a laboratory science course in which students investigate the composition of matter and the changes it undergoes. Topics covered include atomic structure, electron arrangement in atoms, the periodic table of the elements, ionic, metallic, and covalent bonding, chemical reactions, stoichiometry, gas laws, solutions, acids and bases, and reaction kinetics. A passing grade at the end of term one is necessary to continue with the course in term two.

- Prerequisites: Successful completion of Physical Science and Algebra I with a minimum grade of “C” in each.
- 1 credit

Ecology (SCECOL)

Ecology is the study of how living things, plant and animal, interact with their environment. This course will review major ecological concepts, identify the techniques used by ecologists, provide an overview of local and global environmental issues, and examine individual, group and governmental activities important for protecting natural ecosystems and the nature of ecology as a science. Ecology topics may include Wisconsin waterways, Ichthyology (study of fish), Wisconsin forests and forest ecology, Entomology (study of insects), soil components and properties, Wisconsin Invasive species, Ornithology (study of birds), Herpetology (study of amphibians and reptiles), spring ephemerals (wildflowers), Wisconsin threatened and endangered species, and selected biomes of the world. The students in this course will be in charge of PHS's Earth Day activities.

- Prerequisites: None
- ½ credit

Forensic Science (SCFORE)

The course introduces students to Forensics - Crime Scene Investigations (CSI) component will provide students with the opportunity to explore how scientific principles are used in analyzing physical evidence found at crime scenes and to be introduced to the wide array of career choices in forensics. The theoretical understanding and practical application of forensic science techniques including forensic DNA typing, bloodstain pattern analysis, forensic entomology, forensic toxicology, drugs and poisons, forensic anthropology, crime scene investigations, evidence collection and examination, ballistics, understanding of the relationship between forensic science and legal studies, and career opportunities in forensics. The class is designed around authentic performance assessments with students working in teams to solve crimes using scientific knowledge and reasoning.

- Prerequisite: None
- ½ credit

Horticulture Science DC (Dual Credit) (SCHORT)

Provides an overview of the science and profession of horticulture. Its role and importance throughout history, current trends, and careers are covered. Particular attention is given to horticultural crops, plant growth, and plant development.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior, or senior. Successful completion will earn you 2 credits for their "Introduction to Horticulture" course.

Human Anatomy & Physiology (SCHUMA & SCHUMB)

Anatomy and Physiology is a course designed to introduce the student to the wonders of the amazing human body. Anatomy – study of the *structure* of living organisms and Physiology – study of the *functio*n of living organisms, together they provide the critical concepts for understanding the human body. The class will explore the different systems of the human body such as the Circulatory, Muscular, Skeletal, Integumentary, Digestive, and Endocrine Systems, to name a few, throughout the year. Students will gain an appreciation and understanding of how these systems work/function together to maintain homeostasis in living organisms. This course is intended to prepare students to take the AP Biology exam to earn college credits.

- Prerequisites: Grade of B- or higher in Biology, Junior or Senior Status
- 1 credit

Physical Science (SCPHSA & SCHPSB)

Physical Science is a laboratory science course that explores the relationship between matter and energy. Basic fundamentals in the areas of chemistry and physics are stressed through lecture and laboratory activities. Concurrent enrollment in Algebra I or above is recommended.

- Prerequisites: None
- 1 credit

-Physics (SCPHYA & SCPHYB)

Physics is a laboratory science course that focuses on the explanation of the physical world around us. Major topics of study will include motion, forces, energy, sound, light, and electricity. Each topic will require mathematical problem solving and laboratory investigation.

- Prerequisites: Successful completion of Physical Science and Geometry with a minimum grade of "B-" in each. Completion of or concurrent enrollment in Algebra II is recommended.
- 1 credit

Science Issues Past, Present and Future (SCISSU)

This is a course designed to provide students with the basic principles and concepts of the ever-changing environment in the scientific community. Building on the experiences and prior knowledge that the students bring to this course, we will engage in a series of conversations, projects, and laboratory exercises to explore and examine a series of global topics related to science. Topics are based on student interest and some themes in this course may include, but are not limited to scientific breakthroughs, alternative energy, biological and chemical warfare, integrated pest management, invasive species, sustainable development, medicines, disease, space exploration, and more!

- Prerequisites: None
- ½ credit

STEM: Science Olympiad (SCSTEM)

Students will work in teams to investigate and solve various challenges, incorporating skills from science, technology, engineering, and mechanics. The course will develop student capacities in leadership, group work, scientific method, and use of technology. The course will conclude with a science challenge focused on shared areas of interest for small groups of students. Events will include several topics under the categories of life, personal and social science, earth and space science, physical science and chemistry, technology and engineering, and inquiry and nature of science. It is expected that students who enroll in this course participate in the Science Olympiad held at a UW campus in April each year.

- Prerequisites: None
- ½ credit

Survival Biology (SCSURV)

Survival Biology is a class designed to provide students with the basic knowledge and skills of surviving an outdoor experience. Building on the experiences and prior knowledge that the students bring to this course, we will engage in a series of conversations and exercises to explore and examine edible plants, topographic maps, signaling, backwoods medicine, auto survival, food and water, fire and tent building, and meteorology to name a few.

- Prerequisites: Sophomore, Junior or Senior Status
- ½ credit

Veterinarian & Small Animal Science (SCVETE)

This science based course will assist students in learning practical pet care for companion animals. In addition, the course explores care techniques, diseases, labs, and reproduction differences between small animals in a science based discovery way. Field trips in the topic areas will be included as well as knowledgeable speakers. Students are also encouraged to bring animals to class and demonstrate knowledge of their pets. This course is highly recommended for students wishing to further their post-secondary education in the areas of animal and veterinary science.

- Prerequisites: None
- ½ credit

World Biomes & You (SCWORL)

World Biomes and You is a study of the basic principles and concepts of the ever-changing environment of the Earth's biomes along with the flora and fauna communities. We will engage in a series of conversations, projects, presentations, and laboratory exercises to explore and examine a series of topics related to the Earth's plants, animals, and human interaction within the 7 Major Biomes of the World.

- Prerequisite: Sophomore, Junior or Senior Status
- ½ credit

Zoology – From the Birds to the Bees (SCZOOL) (not offered in 24-25 School Year)

Zoology is the study of animals - but animals are in ecosystems, so other living and non-living aspects of our world will be incorporated. This scientific course is designed to teach students the basic principles of the diversity of life through the application of identification, classification, their structure, embryology, evolution, habitats, and their interaction/distribution throughout their ecosystem and the world. We will examine fish, mammals, insects, reptiles, birds, etc. utilizing the school forest and public lands. Zoologists research everything they think to ask about animals.

- Prerequisites: Completion of Biology & Sophomore, Junior, or Senior status
- ½ credit

SOCIAL SCIENCES EDUCATION (SO)

Course Offerings	9	10	11	12
Ancient Greece/Rome	X	X	X	X
Behavior Sciences		X	X	X
Civics			X	X
Government (AP)			X	X
Contemporary American Problems				X
Economics			X	X
+ Europe in the Middle Ages	X	X	X	X
Geography	X	X	X	X
History of Wisconsin & Pittsville	X	X		X
US History (AP)		X	X	X
US History		X		
+ Turning Points in History		X	X	X
World History	X			

Ancient Greece and Rome (SOANCI)

Almost everything we have today, from science, ethics, entertainment, art and our modern form of government was invented and developed by the Greeks and Romans. This course examines their history from the pre-Trojan War era to the fall of the Roman Empire. Topics covered will include the Trojan War, Greek/Roman religion, the Persian and Peloponnesian Wars, Greek/Roman art, architecture, science and philosophy, Alexander the Great, the Roman Republic, expansion, and Empire, Roman law and military, the Caesars, the rise of Christianity and the Fall of Rome.

- Prerequisite: None
- ½ credit

Behavior Sciences (SOBEHA)

This course will examine the humanities from human relationships within our society. This course will offer brief introductions to Anthropology, Psychology, and Sociology. An emphasis of this course will be scientific methods, research, and work with individual studies that are applicable to today's world. The course will center on human interactions within society, and human behaviors and group relations that are essential to the world we reside in.

- Prerequisites: Sophomore, Junior, or Senior Status
- ½ credit

Contemporary American Problems (SOCONA & SOCONB)

This course will connect the real world to issues that have an impact on daily life. The emphasis of this course is on economics, financial awareness, and the role of different levels of government. This course features a daily review and discussion of current events at the international, national, state, and local levels. Current events will be used to highlight various topics of concern throughout the duration of the course to develop the skills to critically assess the world in which we live.

- Prerequisites: Senior Status
- ½ credit

Civics (SOCIVI)

Students in Civics will learn about their roles and responsibilities in civil society. They will explore current issues in government and society while learning about the structure and function of every level of government. Students will pass the state required US Constitution Test as a part of this class. This course (or AP Gov) is required for the class of 2025 and beyond.

- Prerequisites: This course should be taken by juniors upon completion of US and World History.
- ½ credit

Economics (SOECON)

Students in the economics course will gain a basic understanding of the important relationships of economics to our social and political problems. The course emphasizes the philosophy, development, and operation of our global economic system and its important influence upon the national and international societies. This course is required.

- Prerequisites: This course should be taken by juniors upon completion of US and World History.
- ½ credit

+ Europe in the Middle Ages (SOEURM)

This course will examine the history of Europe and the near east from the Fall of Rome through to the beginnings of the Italian Renaissance. Topics covered will include the Germanic kingdoms, Western Christianity, the Carolingian Dynasty, the Vikings, conflicts between the Papacy and State, Feudalism, Manorialism, the expansion of Islam, the Crusades, the Church and culture of the High Middle Ages, the Black Death and other crises of the 13th century.

- Prerequisite: None
- ½ credit

Geography (SOGEOG)

Geography is the study of the land and people on our planet. Students will investigate the lived experiences of people around the world, learn about the relationships between those people and the land they live on, and use this information to gain a new perspective on their own lives. Students will cultivate skills in research, analysis, and cooperative learning in this course.

- Prerequisite: None
- ½ credit

-History of Wisconsin and Pittsville (SOWISC)

This one term course will examine the history and development of the State of Wisconsin, Wood County, and the town of Pittsville. Student projects, and a class service project will also be included.

- Prerequisite: None
- ½ credit

+Turning Points in History (SOTURN)

How did past decisions affect future choices or events? This course will investigate key moments in history and how it affected the future. Events such as the impact of television in the 1950's and the Kennedy assassination will be used to demonstrate how pivotal events impacted future generations. Students will also be given the opportunity to investigate, defend, and present their own choice of a key turning point in history.

- Prerequisite: None
- ½ credit

US History A (SOUSHA)

This class investigates topics that occurred in what is now the United States from 1865 to 1920. It begins with the reconstruction era after the civil war. It continues with the Gilded Age, Progressivism, the age of Imperialism, WWI, and concludes with the roaring 20's

- Prerequisite: None
- ½ credit

US History B (SOUSHB)

This class investigates topics that occurred and affected the United States from the 1930 to present day America. Topics that will be explored will be the Great Depression, World War II, the Cold War, Civil Rights Movement, Vietnam War, end of the Cold War, and recent history.

- Prerequisite: Sophomore Status
- ½ credit

United States Government and Politics (AP) (SOUSGA & SOUSGB)

AP U.S. Government and Politics is an introductory college-level course in U.S. government and politics. Students cultivate their understanding of U.S. government and politics through analysis of data and text-based sources as they explore topics like constitutionalism, liberty and order, civic participation in a representative democracy, competing policy-making interests, and methods of political analysis. Successful completion of this course and a score of 3 or higher on the AP exam in May will earn college credit in most institutions.

- Prerequisite: US History (B or better is recommended)
- 1 credit

United States History (AP) (SOAUSA & SOAUSB)

This course examines the development of the United States from the founding of our nation to the present. This class will appeal to those who seek a challenge of their creative thinking, investigative, reading, and writing skills and to better prepare them for college level work. This course will enable you to "think like a historian" by analyzing people and events and examine reasons *why* they occurred. This is a rigorous course with the focal point of preparing you to pass the AP US History exam.

- Prerequisites: World History (recommended for students who earned a B or higher)
- 1 credit

World History A (SOWORA)

This course involves the history and culture of Asia and the Middle East, Europe, Africa, and Latin America, from about 1700 to 1871 AD. The topics covered will include the Enlightenment and French Revolution, Napoleon, Independence movements in the Americas, the Ottoman Empire, Industrial Revolution, the Opium Wars, and concludes with Italian and German unification.

- Prerequisite: None
- ½ credit

World History B (SOWORB)

This course involves the continued development, history, and culture of the Middle East, Europe, Latin America, and Africa from 1871 AD to the modern day. We will start with the age of European Imperialism in Africa and Asia, WWI, Rise of Totalitarian leaders, WWII from the non American perspective, post war decolonization, the Arab-Israeli conflict, The USSR, China, and Latin America in the Cold War. Concluding with the fall of communism and the rise of the modern world.

- Prerequisite: None
- ½ credit

TECHNOLOGY EDUCATION (TE)

Course Offerings	9	10	11	12
Autos I	X	X	X	X
Autos II		X	X	X
Building and Construction I (DC)	X	X	X	X
Building and Construction II	X	X	X	X
Diesel Technology		X	X	X
-Graphic Design	X	X	X	X
Intro to AutoCAD (DC)	X	X	X	X
Machine Tool/Metal Fabrication I (DC)	X	X	X	X
Machine Tool/Metal Fabrication II		X	X	X
Manufacturing	X	X	X	X
Power and Energy	X	X	X	X
Small Engines I	X	X	X	X
Small Engines II		X	X	X
Welding I (DC)	X	X	X	X
Welding II (DC)		X	X	X
Welding III			X	X
Woods I	X	X	X	X
Woods II		X	X	X
Woods III			X	X
+ Women in Tech Ed	X	X	X	X

Auto Mechanics I (TEAUTB)

This course is an overview of basic automotive technology and introduction to repair and maintenance theory and fundamentals. Hands-on instruction will be the primary method of instruction. In addition to basic maintenance, troubleshooting and repair, topics covered will include but is not limited to safety, environmental concerns, service shop management practices and basic customer relations. Students will be allowed to bring in vehicles for maintenance or repair with prior instructor approval.

- Prerequisites: Small Engines I
- ½ credit

Auto Mechanics II (TEAUT2)

This is an advanced course in automotive technology and repair. Students will gain hands-on experience in maintenance, troubleshooting, and repair. Students will expand their knowledge and skill-set learned in Autos I.

- Prerequisites: Autos I
- ½ credit

Building & Construction I (DC) (Dual Credit) (TEBUIL1)

Students in this class will study concepts associated with the theory, materials, and methods used in construction, including footings and foundations, walls, floors, roofs and roof materials, exterior finishes, interior walls, ceiling and floor finishes, and insulation types. Students also become familiar with blueprint reading and examine all trades associated with construction, including, electrical, HVAC, and plumbing. Safe use of the appropriate tools for each trade is covered. The course will focus around a major construction project. Students should be prepared to work outside.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 2 credits for their "Construction Fundamentals" course

Building & Construction II (TEBUIL2)

This is an advanced course in the area of Building and Construction. Students will apply their knowledge gained in the introductory building and construction course to help design, determine budget, and lead a major construction project. Students will also work with local contractors to help in the completion of the major project.

- Prerequisites: Building & Construction I
- ½ credit

Diesel Technology (TEDIES)

This course is designed to familiarize students with the procedures involved in the repair of diesel equipment. Hands-on experiences will be gained through the repair of medium and heavy duty diesel equipment. The type of equipment may vary to meet the needs of the students and program. Students will also learn how to follow a preventive maintenance schedule to prevent costly repairs and unsafe conditions.

- Prerequisites**:** Small Engines I or Autos I
- ½ credit

-Graphic Design (TEGRAP)

In this course students will be introduced to a variety of areas in the graphic arts portion of technology education. The course is designed to give students a fundamental idea of the tools, techniques, and software used in visual, sound, and presentation technology. The course is divided into three specific areas/units: Photography, Image Editing, and Videography. Students will learn how to use several software programs.

- Prerequisites: None
- ½ credit

Intro to AutoCAD (DC) (Dual Credit) (TEAUTO)

This introductory course in computer-aided drafting (CAD) using AutoCAD software provides foundation skills in using CAD software to create and print two-dimensional technical drawings. This course is available to students in any program. Computer skills and prior knowledge of drawing/drafting techniques is recommended.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 1 credit for their "Intro to AutoCAD" course.

Machine Tool/Metal Fabrication I (DC) (Dual Credit) (TEMAC1)

Students participating in this class will be introduced to common machine tools and their functions. Students will learn about and apply knowledge of structural shapes, sheet metal fabrication, fabrication techniques, metal selection, layout, cutting, bending, drilling, threading, and joining using manual equipment and techniques. Information is presented to the student and followed up with lab activities to provide a hands-on experience. Emphasizes developing an understanding of the tools, techniques, safe work habits, and application of sheet metal fabrication skills, drill press operation, metal lathe operation, and manual mill operation. By taking this course, students can receive .50 credits of math electives.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior or senior. Successful completion will earn you 1 credit for their "Fabrication Fundamentals 1" course.

Machine Tool/Metal Fabrication II (TEMAC2)

This is an advanced course in the area of metal fabrication. Students will apply their knowledge gained in the introductory metal fab course to design and construct a major project of their choice. Each student will be responsible for his or her project to include: design, bill of materials, cut list and plan of procedure. Additional instruction will include advanced metal lathe and mill techniques.

- Prerequisites: Successful completion of Machine Tool/Metal Fab.
- ½ credit

Manufacturing (TEMANU)

This course is designed for students to learn about the broad field of manufacturing. Students will learn about what manufacturing is, how it has developed, different types of manufacturing, planning, and production. Students will work as a group to form a small company in which they will design, produce, market, package, and distribute a product. This course can be repeated with the instructor's approval.

- Prerequisites: Woods I or Machine Tool or Welding I or consent from instructor (Can be repeated for credit)
- ½ credit

Power and Energy (TEPOEN)

This course will provide students with hands-on practical knowledge of how power, energy, and transportation systems work. Students will study the modes of power, energy, and transportation, and apply those concepts in order to solve real life problems. Emphasis is on hands-on, problem solving activities in which students work together in lab activities designed to reinforce the content presented. Activities will involve alternate energy and power systems; including: solar, hydroelectric, wind, mechanical, electrical, and fluid power.

- Prerequisites: None
- ½ credit

Small Engines I (AGMECH) (formerly Ag Mechanics)

In this course, theory and hands-on experiences provide opportunities for students to develop basic knowledge and skills in small engines. Instructional areas include: safety, tool identification, basic fundamentals and repair of small engines.

- Prerequisites: None
- ½ credit

Small Engines II (AGMEC2) (formerly Ag Mechanics II)

This course will offer students an advanced understanding in Small Engines. Specific topics will include small engine technology, troubleshooting, repair and maintenance. iCEV curriculum will be used as part of the certification requirement and students will also need to plan and complete an independent project for the course.

- Prerequisites: Small Engines I
- ½ credit

Welding I (DC) (Dual Credit) (TEWEL1)

An introduction to fundamental welding techniques with an emphasis on safe work habits that covers the processes of GMAW, FCAW, SMAW, and GTAW. Classroom instruction paired with lab activities are designed to provide fundamental skills in each of the welding processes covered in the class.

- Prerequisites: None
- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior, or senior. Successful completion will earn you 1 credit for their "Welding 1" course.

Welding II (DC) (Dual Credit) (TEWEL2)

Advanced course in fundamental welding techniques with an emphasis on safe work habits that covers the processes of GMAW, FCAW, SMAW, and GTAW . Classroom instruction paired with lab activities are designed to provide fundamental skills in each of the welding processes covered in the class. Students will also learn about, develop, and create a custom project.

- ½ credit
- Articulation: This course is offered as Dual Credit through Mid-State Technical College (MSTC) if taken as a sophomore, junior, or senior. Successful completion will earn you 1 credit for their "Welding 2" course.

Welding III (TEWEL3)

This is an advanced course in the area of welding fabrication. Students will apply their knowledge gained in the Welding I and Welding II courses to continue working on their AWS certificate or design and construct a major project of their choice. Each student will be responsible for his or her project to include: design, bill of materials, and plan of procedure. Additional instruction on advanced welding procedures will be discussed.

- Prerequisites: Successful completion of Welding I and Welding II
- ½ credit

Woods I (TEWOO1)

This is an introductory course in the area of woodworking. Students in this course will learn how industry alters wood to fit consumers' needs. They will learn about a variety of wood processing techniques and joinery. Students will have the opportunity to work with a variety of tools and machinery to alter wood into several products. Safe and correct operation of tools and machinery is required. Students will also receive instruction on measuring techniques, purchasing of material, and project planning and design.

- Prerequisites: None
- ½ credit

Woods II (TEWOO2)

This is an advanced course in the area of woodworking. Students will apply their knowledge gained in the introductory woods course to design and construct a major project of their choice. Each student will be responsible for his or her project to include: design, bill of materials, and plan of procedure. Additional instruction will include wood lathe operation, advanced joinery techniques, and CNC router table.

- Prerequisites: Successful completion of Woods I
- ½ credit

Woods III (TEWOO3)

Woods III is an independent woodworking class that runs in conjunction with either Woods I or II. Students will work on a major wood working project of his or her choice or an assigned project by the instructor. Successful completion of both Woods I and II is a must, and students will be selected by the instructor. Further knowledge of CNC woodworking will be discussed, along with safety, operation, and machine maintenance.

- Prerequisites: Successful completion of Woods I and II
- ½ credit

+ Women in Tech Ed (TEWOME)

This course is designed for females only to gain hands-on experience in everything Tech Ed. Female students will be introduced to a variety of areas in technology education including: basic home maintenance, basic plumbing, basic wiring, basic vehicle repair, basic metal and wood working, and other technology related topics.

- Prerequisites: None
- ½ credit

OTHER/REQUIRED ELECTIVES (EL)

Course Offerings	9	10	11	12
*Life and Personal Skills		X		
*Career and Financial Literacy			X	
*Senior Capstone				X
Independent Entrepreneurship				X
Teacher Assistant				X
Youth Apprenticeship			X	X
Work Experience				X

*Career and Financial Literacy (ELCARA & ELCARB)

In this required junior class, emphasis is given to career exploration and personal financial literacy. The course also stresses the steps to follow in finding and keeping a job, 21st century job skills that employers are looking for, the 16 career clusters, and post-secondary options for students. Students will participate in job shadow experiences in local communities, complete job and college applications, take part in mock interviews, and listen to presentations from community guest speakers. Students will also use their Xello accounts during this course. Course is required for graduation for Class of 2028 and beyond.

- Prerequisites: Junior status
- ½ credit for one semester (to be altered every other day with PE 11)

Independent Entrepreneurship (BUINEN)

No matter what you choose to do in life, it is essential to have strong business, leadership and transferable skills! In this course, students learn valuable leadership, entrepreneurship, and transferable skills that will provide them with a successful foundation for any career, in addition to the knowledge necessary to manage and run their own business. This course contains some central components to Career and Technical Education. Your learning will be facilitated through a CTE teacher and local entrepreneur. This course is an independent course for seniors only and scheduling must be completed with the selected CTE teacher. This course generally replaces the Teacher Assistant (TA) option for students in CTE.

- Prerequisites: Senior status, exemplary performance in previous courses with selected CTE teacher
- ½ credit

*Life and Personal Skills (ELLIFA & ELLIFB)

This required sophomore course will help you understand your development as an individual, as a family member, and as part of society. You will be able to evaluate all of life's alternatives which face you in today's world as well as give you valuable information to make your own decisions. This course explores aspects of life: personality development, communication, wellness, relationships with family and friends, dating and lifestyles, marriage, divorce, money management, family planning, parenthood, handling crisis, abuse, aging, and death. Practical information is given to help you deal with real life situations.

- Prerequisites: Sophomore status
- ½ credit for one semester (to be altered every other day with PE 10)

*Senior Capstone (ELSENA, ELSENB)

In this required senior class, seniors have the option of participating in an off-site business internship or an on-site service learning experience. In either case, emphasis is placed on obtaining "soft skills" and building relationships in a work environment. Students have the potential to earn the DPI Employability Skills Certificate and/or the DPI Leadership Certificate upon completion of this course. *Students may opt to take an online or distance learning AP course in place of this course.*

- Prerequisites: Senior status & Successful completion of Career & Financial Literacy
- ½ credit for one semester (to be altered every other day with Contemporary American Problems)

Study Skills (STUSKI)

This elective is offered as needed for students who want or need help with study skills, organization, or extra help with homework. The class will be structured as a guided study hall, with mini-lessons on how to build strong study habits, and significant blocks of time to work on homework assignments from other classes. This class will only be offered as a skinny. It can be repeated with principal or counselor approval if needed. In general, this course should be taken by freshmen, but students in other classes can request it.

- Prerequisites: None
- ¼ credit

Teacher Assistant (TA) (ELTEA1, ELTEA2, ELTEA3, ELTEA4)(1=TERM1, 2=TERM2, 3=TERM3, 4=TERM4)

Students who serve as a teacher's assistant will develop leadership and responsibility skills, while gaining experience within the field of education. A teacher assistant will be an aide to a classroom teacher. TA's will report directly to the classroom and will take direction from the teacher. In order to be accepted as a TA, students must have a record of excellent attendance, a positive attitude, and a good knowledge of the subject. Students must be in good academic standing in order to be allowed to TA- meaning that they are on track to graduate on time as determined by the school counselor. Students can TA for a maximum of 1 class during their senior year.

- Prerequisites: Senior status, grade of C or better in the class for which they are applying to TA
- Approved TA Form
- ¼ credit, pass fail only

Work Experience (ELWOR1, ELWOR2, ELWOR3, ELWOR4) (1=TERM 1, 2=TERM 2, 3=TERM 3, 4=TERM 4)

This senior level course provides students with opportunities to develop marketable skills in preparation for employment or advancement within their current job. Course content will include understanding the application of education to the workforce; completion of required forms, which document the student's progress and hours spent at the work site; and developing workplace skills and competencies. The student is required to fulfill 10 hours/week of related paid or unpaid (with approval) work to stay in the program.

- Prerequisites: Senior status, good academic standing, and School to Work Coordinator approval
- ½ credit per term, up to two blocks a day: this can be taken again for credit.

Youth Apprenticeship (YAYOU)

The youth apprenticeship program is an opportunity for students to receive on the job training at a facility while receiving credit for high school and a paycheck. As a youth apprentice, students report to their employer weekly and need to accumulate at least 450 hours of training. In addition to this, students must take appropriate high school or college courses in accordance with their apprenticeship field. After the apprenticeship is over, students receive an apprenticeship certificate that will allow them to obtain employment in that field. Many times this leads to full time employment once the students are completed with high school. This is a great avenue for students who are considering entering the workforce or technical college right after high school.

- Prerequisites: Junior or Senior status, good academic standing, and Youth Apprenticeship Coordinator approval
- ½ credit per term, up to two blocks a day: this can be taken again for credit.