

WATERTOWN HIGH SCHOOL



2017-2018

COURSE GUIDE

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WATERTOWN HIGH SCHOOL

825 Endeavour Dr
Watertown, WI 53098
920-262-7500

ADMINISTRATION

Cassandra Schug	Superintendent
William Loss	Principal
Melissa Hahn	Assistant Principal
Josh Kerr	Assistant Principal
Jamie Koepp	Activities Director

STUDENT SERVICE STAFF

Sara Dood	School Counselor (A - He)
Kelly Pokrzywa	School Counselor (Hi - Ph)
Holly Bouche	School Counselor (Pi - Z)
Tammy Foerster	Social Worker
Liam Champeau	School Psychologist
Jill Geske	Registrar
Kathy Klinger	Administrative Assistant

INTRODUCTION

This course guide has been prepared to help students and parents make the most appropriate selection of high school courses in keeping with the student's talents, abilities, and future goals. Watertown High School has a myriad of specialized courses to help prepare students for future education and/or the world of work. Students are encouraged to take full advantage of this opportunity by enrolling in as many courses as possible.

During course selection, students will be asked to make a tentative plan for the remaining years of high school. Parents and students can then anticipate a sequence of courses that will provide the best possible program for individual needs and goals following high school. The student is not obligated to adhere to the program plan for each year. It is always open to modification dependent upon changing interests and achievement.

PUBLIC NOTIFICATION OF NONDISCRIMINATION POLICY

No person shall, on the basis of sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability, be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any education program or activity in the school district (School Board Policies #5361 and 5361.1). If you have questions about procedures or if you wish to file a complaint, please contact the Secondary Director of Teaching and Learning (920-262-1460).

TRIMESTER SCHEDULE

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

- Each trimester is approximately 58 days long.
- Each class period lasts approximately 70 minutes.
- Progress reports are issued once per trimester, on approximately the 25th day of the term. Students receive a final grade report at the completion of a trimester.
- Each trimester course is worth 0.5 credit. Therefore, a student may earn as many as 2.5 credits each trimester, which amounts to 7.5 possible credits per academic year and 30 possible credits during the four-year high school experience.
- Students in the classes of 2018, 2019, and 2020 are required to earn 23 credits and the students in the class of 2021 and beyond are required to earn 25 credits to graduate.
- Students in the classes of 2018, 2019, and 2020 may take up to two study halls per year and can designate the trimester they would like to take it. Students would need to register for a minimum of four classes each trimester.
- Students in the class of 2021 and beyond are not eligible for a study hall and must register for five classes per trimester.

In the trimester schedule, most classes that are two trimesters long could be scheduled in three different ways, as shown below (NOTE: the first trimester of the class = “1”; the second trimester of the class = “2”):

Trimester 1	Trimester 2	Trimester 3
1	2	
	1	2
1		2

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

Additional Information:

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

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

COURSE SELECTION

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

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

When selecting course, the following factors should be considered:

1. Mandatory prerequisites
2. Post-secondary aspirations
3. Past performance in the subject
4. Anticipated level of effort in the class
5. Overall academic load for the year
6. Balance between academic commitment and personal “down time”
7. Time available for completing coursework along with other obligations like jobs, athletics, co-curriculars, etc.
8. Students entering grades 10 - 12 should select a minimum of four classes for two trimesters and five classes for one trimester.
9. Students entering grade 9 should select five classes per trimester.

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

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

Advanced Placement/Dual Credit Courses

Advanced Placement (AP) and Dual Credit (DC) courses are offered in high school, but are college level courses. A college course requires more time and personal responsibility than the typical high school class. AP and DC courses offer students the opportunity to earn college credit while still enrolled in high school. Students should work with Student Services to determine how these credits are transferred to higher level institution.

Students taking AP courses are expected to take the AP exam (appx. \$92) in May. According to their performance on the exam, student may receive college credit for each exam they take.

Students taking a College Credit in High School (CCHS) or CAPP course will receive credits from the university at a reduced cost. Students who take dual credit courses receive credit through Madison College or WCTC at no cost to the families.

CURRICULUM ADDITIONS

AP WORLD HISTORY 1 & 2 (AP World History 1 - 4090; AP World History 2 - 4095)

Prerequisite: None

Course Detail: 2 Trimesters

Course Fee: None

Grade Level: 11-12

Credit: 1

The AP World History course focuses on developing students' understanding of world history from approximately 8000 B.C.E to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction, between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania.

FUNCTIONS, STATISTICS, TRIG (FST) 1 & 2 (FST 1 - 3240; FST 2 - 3245)

Prerequisite: Advanced Algebra

Course Detail: 2 Trimesters

Course Fee: None

Grade Level: 11-12

Credit: 1

Functions, Statistics, and Trigonometry (FST) will combine traditional mathematical content with an emphasis on problem solving in real-life situations, geometry, statistics, and probability. FST emphasizes functional expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial, circular and other special functions both for their abstract properties and for modeling real-world situations. The course will also introduce statistical properties such as measures, probability, simulation and binomial and normal distributions.

GEOMETRY IN CONSTRUCTION 1 & 2 (Geom in Const 1 - 3250/8640; Geom in Const 2 - 3250/8645)

Prerequisite: None

Course Detail: 2 Trimesters

Course Fee: \$20 & Materials

Grade Level: 9-12

Credit: 2

Geometry in Construction is an integrated course where students learn a variety of topics through building a significant construction project that will be of service to the Watertown community. Students will learn safety, problem solving, tool use, print reading, and career exploration. Geometry content matches that of other geometry courses in the Math Department to prepare students for Advanced Algebra as the course is team taught with a Math and Tech Ed teacher. Students do not need prior construction experience.

SPEECH & DRAMA (Speech/Drama - 1340)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

Students will build upon public speaking and performance skills learned in the English curriculum and be exposed to several aspects of the communication process. Students will participate in several individual and group speaking activities, produce a creative dramatic production, and critically evaluate themselves throughout the trimester.

AGRISCIENCE

Course Name	Course Number	9	10	11	12	Prerequisite	Course Fee
Ag Power & Production 1	8405			X	X	X	
Ag Power & Production 2	8450			X	X	X	
Agriscience/Natural Resources 1	8390	X					
Agriscience/Natural Resources 2	8395	X					
Animal Care DC	8420		X	X	X		
Companion Animals	8542	X	X	X	X		
Environmental Conservation	8540		X	X	X		
Greenhouse Management 1	8545		X	X	X		
Greenhouse Management 2	8550		X	X	X		
Horse Care Management	8425		X	X	X		
Intro to Environmental Studies DC	8530			X	X		
Veterinary Science	8400			X	X	X	
Wildlife & Natural Resources	8555		X	X	X		

AG POWER & PRODUCTION 1 (Ag Power & Production 1 - 8405)

Prerequisite: Animal Care

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Ag Power & Production 1 is an advanced agriculture class that will cover the growing of field crops, raising of livestock, agribusiness, employability, starting and operating an agribusiness and tractor maintenance. This class will have a number of hands-on activities students will have the opportunity to develop and implement a plan for growing 20 acres of field crops and repair a tractor.

AG POWER & PRODUCTION 2 (Ag Power & Production 2 - 8450)

Prerequisite: Animal Care

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Ag Power & Production 2 is an advanced agriculture class that will continue on the topics started in first trimester: the growing of field crops, raising of livestock, agribusiness, employability, starting and operating an agribusiness and tractor maintenance. Students who are 18 will have the opportunity to earn their pesticide applicators licenses if they wish.

AGRISCIENCE/NATURAL RESOURCES 1 (Agrisc/Natural Resources 1 - 8390)

Prerequisite: None

Course Fee: None

Grade Level: 9

Course Detail: 1 Trimester

Credit: 0.5

Agriscience/Natural Resources 1 is an introduction to many different careers in agriculture. Students will be able to research the history of agriculture and explore the future. Leadership skills and organization will be explored along with the animal science and wildlife areas. This class will be full of hands-on activities.

AGRISCIENCE

AGRISCIENCE/NATURAL RESOURCES 2 (Agrisc/Natural Resources 2 - 8395)

Prerequisite: Agriscience/Natural Resource 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9

Credit: 0.5

The second course of Agriscience/Natural Resources will continue with hands-on activities and cover the topics of animal science along with plant science, forestry basics and agribusiness. In this class students will be able to explore many career options for their future.

ANIMAL CARE DC (Animal Care DC - 8420)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: Certification Fee

Grade Level: 10-12

Credit: 0.5

Animal Care will consist of the study of Livestock and their uses. The animals covered in this course are the species of Dairy, Swine, Sheep and Beef. The course will cover the following topics: parts, breeds, selection/judging, body systems, management, nutrition, facilities, diseases, and marketing. The class offers a number of hands-on activities in the animal lab and Cattle AI Certification (\$25 fee). Students will have an opportunity to raise a litter of pigs and care for a variety of other animals.

COMPANION ANIMALS (Companion Animals - 8542)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

Companion Animals will go over the proper care and management of companion animals. The class will discuss dogs, cats, rodents, ferrets, rabbits and more. This class will have many opportunities for hands-on activities, including providing daily care for different companion animals.

ENVIRONMENTAL CONSERVATION (Environmental Conservation - 8540)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

Environmental Conservation will involve learning about the environment and how to conserve the Earth's resources. The topics will include soils, water, wildlife, and forestry. This is a hands-on course with the opportunity to raise fish and compete in Wisconsin State Envirothon Competition. NOTE: In addition to meeting high school science graduation requirements, Environmental Conservation has been approved for equivalent credit by the Wisconsin DPI. UW System Campuses have agreed to accept the certified agriculture/science course toward admission requirements in Science.

GREENHOUSE MANAGEMENT 1 (Greenhouse Mgmt1 - 8545)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

Greenhouse Management 1 will involve learning about plant science through hands-on learning labs. Students will be growing poinsettias and learning how to propagate houseplants and geraniums. Students will also experience the latest plant technology of hydroponics and learn about Bonsai.

AGRISCIENCE

GREENHOUSE MANAGEMENT 2 (Greenhouse Mgmt2 - 8550)

Prerequisite: Greenhouse Management 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

Greenhouse Management 2 is a continuation of Greenhouse Management 1. Students in this trimester will be working with the growing, production, and marketing of flowers and vegetables. Students will also learn about the basics of landscaping and pruning.

HORSE CARE MANAGEMENT (Horse Care Mgmt - 8425)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

In Horse Care Management, you will learn about the history, parts, markings, colors, conformation, blemishes, unsoundness, selection/judging, feeding, diseases, equipment, and careers dealing with horses. Through this course and the FFA you will have an opportunity to be in the Horse Judging Career Development Event.

INTRO. TO ENVIRONMENTAL STUDIES DC (Intro to Environmental Studies DC - 8530)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: Tuition

Grade Level: 11-12

Credit: 0.5

This course presents an overview of the interrelationships between humans and the environment. The material presented in the first one-third of the course focuses on important ecological concepts. The remainder of the course deals with human influence on the environment. The ecological concepts are used throughout to identify, understand, and provide a basis for proposing possible solutions to contemporary environmental problems. Overall, this course will provide the student with a better understanding of how humans can more positively affect the environment in which they live.

Students will be required to access coursework both online and in the regular classroom. Online instruction will be led by faculty at UW-River Falls. Online work may be completed at WHS. Successful completion of the course will result in transferable college credit with UW-River Falls as the credit bearing institution. Interested students must complete a UW-River Falls electronic application. Go to www.uwrf.edu to set up a student login. Students enrolled are eligible for 3 college credits if they meet certain requirements. The cost for the 3 credit class is approx. \$300.

VETERINARY SCIENCE (Veterinary Science - 8400)

Prerequisite: Companion Animals & Animal Care

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Veterinary Science is an upper level class that will go into more detail and depth about genetics, animal anatomy, animal law, and diseases in various animals. Students will have the opportunity to participate in the raising of aquaculture and other activities. This course has hands on learning in the veterinary science career area.

AGRISCIENCE

WILDLIFE & NATURAL RESOURCES (Wildlife & Natural Resources - 8555)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: Optional Cert Fees

Grade Level: 10-12

Credit: 0.5

Wildlife and Natural Resources will cover in-depth wildlife management, to include habitat, identification, wildlife laws and current issues. This course will also include topics such as forestry and other natural resources. The student will have many hands-on learning activities including raising fish, Trapper Ed Certification (\$12 fee), ATV Safety (\$10 fee), Snowmobile Safety (\$10 fee), and Boater Safety Certification (\$10).

ART

Course Name	Course Number	9	10	11	12	Prerequisite	Course Fee
Advanced Ceramics	6081	X	X	X	X	X	X
Advanced Drawing	6010	X	X	X	X	X	X
Advanced Glass & Metal Art	6094	X	X	X	X	X	X
Advanced Painting	6090	X	X	X	X	X	X
Advanced Photography	6071		X	X	X	X	X
Advanced Printmaking	6065	X	X	X	X	X	X
Advanced Sculpture	6075	X	X	X	X	X	X
Animation	6020	X	X	X	X	X	X
AP Art History 1	6097		X	X	X		
AP Art History 2	6098		X	X	X	X	
AP Studio Art 1	6050			X	X		X
AP Studio Art 2	6051			X	X	X	X
Ceramics	6045	X	X	X	X	X	X
Computer Art	6085		X	X	X	X	X
Drawing	6015	X	X	X	X		X
Foundations	6005	X	X	X	X		X
Glass & Metal Art	6095	X	X	X	X	X	X
Introduction to Airbrushing	6060	X	X	X	X	X	X
Painting	6055	X	X	X	X	X	X
Photography	6070		X	X	X		X
Printmaking	6025	X	X	X	X	X	X
Sculpture	6035	X	X	X	X	X	X
Wearable & Performance Art	6088	X	X	X	X	X	X

ADVANCED CERAMICS (Advanced Ceramics - 6081)

Prerequisite: Ceramics

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

After taking Ceramics, you now have the basic knowledge and skills to take on more complex pottery making and decorating/finishing techniques while creating unique, individual ceramic artworks that YOU want to make!

ADVANCED DRAWING (Advanced Drawing - 6010)

Prerequisite: Drawing

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

An advanced study of drawing methods and materials with greater freedom of media and a more expressive personal focus. Students will also experiment artistically and begin to push the limits of their creativity and the boundaries of what "drawing" can mean.

ART

ADVANCED GLASS & METAL ART (Advanced Glass Metal - 6094)

Prerequisite: Glass & Metal Art

Course Fee: \$40

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

As an advanced student you will explore more in-depth possibilities in glass and metal such as larger more intricate stained glass pieces, 3-dimensional stained glass, advanced forms of: glass fusing, hot-glass techniques, enameling, lost wax casting and so much more! In this class students will work independently with the guidance of the instructor learning to use more sophisticated techniques and materials while pursuing personal interests.

ADVANCED PAINTING (Advanced Painting - 6090)

Prerequisite: Painting

Course Fee: \$40

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

A whole lot more painting, a whole lot more awesome. Find your creative voice, learn to stretch your own canvas, and push the boundaries of painting, sculpture and other art media.

ADVANCED PHOTOGRAPHY (Advanced Photography - 6071)

Prerequisite: Photography; Digital camera (not cell phone) required

Course Fee: \$40

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Further develop your photography style. Course emphasizes the refinement of technical skills including both darkroom and digital photography. *Students will use a manual film camera for this course which is provided by the Art Dept.

ADVANCED PRINTMAKING (Advanced Printmaking - 6065)

Prerequisite: Printmaking

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

As a continuation of Printmaking, students will learn and use more sophisticated approaches to a number of printmaking processes from the following: serigraphy (silkscreen), lithography, drypoint, and woodcuts.

ADVANCED SCULPTURE (Advanced Sculpture - 6075)

Prerequisite: Sculpture

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

As an advanced student you will create more elaborate sculptures using complex techniques and materials while working independently with the guidance of the instructor. You will have an opportunity to explore modern sculpting techniques and 3-D art forms as well as pursue your individual interests.

ART

ANIMATION (Animation - 6020)

Prerequisite: Foundations

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Create your own animations! You will learn to develop characters, create expressions, explore movement, design environments, write storylines and record your own dialogue and sound effects. This course will investigate traditional, digital and stop motion animation techniques.

AP ART HISTORY 1 (AP Art History 1 - 6097)

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

See the world differently. History will come alive as we explore the art and architecture from people past and present. We will also experiment with some of the art materials and techniques used by artists of the past and learn to discuss works of art critically. The first trimester covers movements from Pre-History through the Baroque Era. This course may be applied as Social Studies Elective or Humanities credit. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP ART HISTORY 2 (AP Art History 2 - 6098)

Prerequisite: AP Art History 1

Course Fee:

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Continue exploring the art of cultures from around the world. This course picks up where AP Art History 1 ends, following the development of art through the modern age all the way up to the present day. This course may be applied as Social Studies Elective or Humanities credit. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP STUDIO ART 1 (AP Studio Art 1 - 6050)

Prerequisite: None

Course Fee: \$20

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Create a portfolio of your own original artwork. Designed in an open ended way for students with a serious interest in art, AP Studio Art enables students to refine their skills and create artistic works that can be submitted to the College Board for evaluation for possible college credit or submitted to scholarships, competitions, and jobs. First trimester emphasizes quality of work and breadth of experience in the formal, technical, and expressive aspects of the student's art. (NOTE: The cost of the AP Exam is approx. \$90.00.)

AP STUDIO ART 2 (AP Studio Art 2 - 6051)

Prerequisite: AP Art History 1

Course Fee: \$20

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Students continue creating their own original portfolio work. Second trimester shifts focus to the exploration of a particular visual interest or problem. Students may create work for the Drawing, 2-D Design or 3-D Design AP Studio Portfolio. Work can be submitted to the College Board for evaluation for possible college credit, or submitted to scholarships, competitions, and jobs. (NOTE: The AP Exam is approx. \$90.00.)

ART

CERAMICS (Ceramics - 6045)

Prerequisite: Foundations

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Ready to try your hand at the pottery wheel? You will learn how to work with clay, hand-building techniques and the pottery wheel as well as explore the many surface decoration techniques from carving to glazing and other finishing options to create unique ceramic art pieces. Not only will students be able to create functional pieces such as mugs and vases but also decorative ceramics artworks.

COMPUTER ART (Computer Art - 6085)

Prerequisite: None

Course Fee: \$20

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

The computer is an essential tool for artists working in the fields of design, photography, and animation. Use the computer as a creative design tool and illustrative medium. Create symbols, logos, illustrations, posters, package design and much more!

DRAWING (Drawing - 6015)

Prerequisite: Foundations

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Improve your drawing skills with exciting exercises and creative projects. We'll use all kinds of drawing materials including wet, dry, color, and black and white media. Fun and challenging for everyone from beginners to experienced drawers.

FOUNDATIONS (Foundations - 6005)

Prerequisite: None

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Explore Art in a lively, inviting, hands-on course for artists of any level regardless of their experience or lack of experience. This course provides you the opportunity to do ceramics, printmaking, drawing, mask making, and painting.

GLASS & METAL ART (Glass & Metal Art - 6095)

Prerequisite: Foundations

Course Fee: \$40

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

This class involves a lot of breaking, cutting, twisting, pounding, and melting that result in cool looking art. Don't be intimidated you will learn all the skills needed to create stained glass panel, glass fusing, hot-glass techniques, enameling, gravity casting, metal wire/sheet, and resin cast jewelry.

ART

INTRODUCTION TO AIRBRUSHING (Intro to Airbrush - 6060)

Prerequisite: Drawing or Painting

Course Fee: \$40

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Experience the possibilities of airbrushing. You will move from learning the basics of controlling the airbrush all the way to making your own original works of art including graffiti, 3-D effects, neon and metallic illusions, caricature, skin painting and t-shirts. We will also learn to sand, prime, paint and seal a three dimensional object.

PAINTING (Painting - 6055)

Prerequisite: Foundations

Course Fee: \$40

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Learn to express yourself through paint. We will explore techniques from the traditional to modern using watercolor, acrylic, tempera and oil paints. Each assignment will help you discover and develop your own style.

PHOTOGRAPHY (Photography - 6070)

Prerequisite: Digital camera (not cell phone) required

Course Fee: \$40

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Become a photographer! This course focuses on both digital and film photography. Learn to compose photos, develop film, and print photographs. No previous knowledge of photography is necessary.

*Students will use a manual film camera for this course which is provided by the Art Dept.

PRINTMAKING (Printmaking - 6025)

Prerequisite: Foundations

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Do everything from monoprinting to t-shirt silk screening to nature printing! Essential to printmaking is the production of multiples and repetition. Enjoy experimenting in a variety of printmaking processes including block, screen, intaglio, collage, and monoprinting.

SCULPTURE (Sculpture - 6035)

Prerequisite: Foundations

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Make 3-dimensional Art that interests you! Explore the many types of sculpture making techniques such as carving, casting, modeling and assembling with wood, cardboard, plaster, soap, wire, plastic, recyclables, fabric, foam and so much more! Create large and small scale sculptures as well as kinetic (moving) sculptures such as art mobiles, wind spinners, marble runs and much more!

ART

WEARABLE & PERFORMANCE ART (Wearable & Performance Art - 6088)

Prerequisite: Foundations

Course Detail: 1 Trimester

Course Fee: \$20

Grade Level: 9-12

Credit: 0.5

Do you think Lady Gaga's dress made of bubbles is awesome? Ever hear of the Steampunk movement? Wearable art is a branch of fiber arts, which includes creating wearable forms of art using fabric and other fiber products and can also include jewelry, or clothing made from non-fiber materials such as leather, plastic sheeting, metals, etc. Art doesn't have to be painting or drawing and clothing doesn't have to be fabric. This course will give you the opportunity to make art that is meant to be on, around, or interacting with the body. Students will use non-traditional materials in artwork that is 3-D and goes beyond the expected.

BUSINESS/MARKETING

Course Name	Course Number	9	10	11	12	Prerequisite	Course Fee
Accounting - Year 1 - Course 1 DC	7040		X	X	X		X
Accounting - Year 1 - Course 2 DC	7050		X	X	X	X	X
Advanced Accounting 1	7060			X	X	X	
Advanced Accounting 2	7070			X	X	X	
AP Macroeconomics (See Soc St Dept)	4110			X	X		
AP Microeconomics (See Soc St Dept)	4115			X	X		
Business/Personal Law	7150			X	X		
Desktop Publishing DC	7410	X	X	X	X		
Entrepreneurship	7005	X	X	X	X		
Introduction to Computers	7415	X	X	X	X		
Keyboarding/Microsoft Word DC	7000	X	X	X	X		
Money 101/Early Bird Money 101/ Money 101 (Music)	7090/7091/7095		X	X	X		
Office Applications DC	7010			X	X		
Personal Finance CAPP	7085			X	X		
Principles of Marketing DC	7300		X	X	X		
Retail Operations	7200		X	X	X	X	
Sports & Entertainment Marketing	7325		X	X	X		

ACCOUNTING - YEAR 1 - COURSE 1 DC (Accounting Yr 1 –1 DC - 7040)

Prerequisite: None

Course Fee: \$25

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Students are introduced to accounting concepts which provide foundation for many careers in business: accounting, banking, business management, business ownership, finance, sales and marketing, clerical, and administrative positions, etc. This class also teaches concepts that will be beneficial in everyday life! Throughout the two trimesters, emphasis is placed on analyzing the daily financial activities of a business, preparing financial documents, managing a checking account, and recording payroll information. Students taking this course are not required to take it for dual credit. As this class is a full-year course, students must register for 7040 and 7050.

ACCOUNTING - YEAR 1 - COURSE 2 DC (Accounting Yr 1 –2 DC - 7050)

Prerequisite: None

Course Fee: \$25

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

In the second trimester of accounting, first trimester concepts are reinforced through an accounting simulation. Additional accounting concepts and topics include accounting for a business organized as a corporation, accounting for a partnership, and international accounting.

BUSINESS/MARKETING

ADVANCED ACCOUNTING 1 (Advanced Account 1 - 7060)

Prerequisite: Accounting - Year 1 - Course 1 & 2 DC

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Students will build upon the basic accounting skills that were developed in the first year course. Accounting work will be focused on corporations, proprietorships, and partnerships. Students will gain in-depth knowledge of accounting procedures and techniques which are used in solving business problems and making financial decisions. Learning will also focus on accounting practices for a factory (cost accounting) as well as the financial accounting component. Students will complete several mini-projects as well as a simulated accounting project. As this class is a full-year course, students must register for 7060 and 7070.

ADVANCED ACCOUNTING 2 (Advanced Account 2 - 7070)

Prerequisite: Advanced Accounting 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Advanced Accounting 2 is a continuation of Advanced Accounting 1.

BUSINESS/PERSONAL LAW (Bus/Personal Law - 7150)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

A sound basis of knowledge in business & personal law enables you to make educated decisions in a complicated society. It is important that you have a firm grasp of these when you assume the responsibilities that come with being an adult and citizen of this country. Understanding contracts that you enter into on an everyday basis; signing the credit card receipt, entering into an apartment lease, buying a car, weddings, insurance, and the list goes on. Join this class to find out what you don't know about the world of being an adult!

DESKTOP PUBLISHING DC (Desktop Publishing DC - 7410)

Prerequisite: Basic Keyboarding Skill

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Many businesses today are doing their own publications within the business rather than outsourcing the work. This course will give you the tools necessary to create these in-house publications. We will use software such as Microsoft Word, Microsoft Publisher, and Adobe InDesign. After completion, you will have a portfolio of sample publications such as a logo, business cards, letterhead, brochures, catalogs, placemats, menu, bumper stickers, and much more. The capstone project for this course is employment as a Desktop Publisher for Frillio's Pizza. NOTE: Only sophomores, juniors, and seniors can receive Madison College credit.

BUSINESS/MARKETING

ENTREPRENEURSHIP (Entrepreneurship - 7005)

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

This introductory course teaches students the concepts and processes for running a successful entrepreneurship. Content areas include economic foundations, international business, ownership, management, finance, and marketing. As a culminating activity, students develop a business plan as a proposal to start a new business of their own. In-class activities include individual and group projects along with computer business applications and Internet activities. This is a great course for introducing students to the other business courses offered at WHS.

INTRODUCTION TO COMPUTERS (Intro to Computer - 7415)

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Learn the basic skills necessary to function in the age of technology. There are three parts to the course; Part 1 - the basics of how computers work, Part 2 - introduction to the Microsoft Office Suite package- Word, Excel, PowerPoint, & Access, and finally Part 3 - how does all this technology affect the world.

KEYBOARDING/MICROSOFT WORD DC (Keyboarding DC - 7000)

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

This course is for the beginning typist or the typist that would like to improve their speed and accuracy skills. Once keyboarding proficiency is established you will move into Microsoft Word. This course will cover business document assembly, formatting, templates, tables, columns, graphics, mail merge, forms, and even web pages! Speed and accuracy will still be a focus along with language skills and composition.

MONEY 101 (Money 101 - 7090; EB Money 101 - 7091; Money 101 (Music) - 7095)

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Money 101: Blueprint for Financial Prosperity does not promise to make you a millionaire, but it will give you the life skills to create a blueprint to help you avoid financial pitfalls. You will gain knowledge necessary to make informed financial decisions on budgeting; saving and investing; credit and debt; and your financial responsibilities to your community. This course will give you a golden ticket to the "Get R.E.A.L." (Get Real Education About Life) event in the spring which is a virtual community where you choose your career and make decisions about your budget and lifestyle. * Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

BUSINESS/MARKETING

MARKETING/BUSINESS MANAGEMENT COOP CLASS 1 (Market Mgmt Cl 1 - 7340)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

This course is the capstone of your marketing business career at Watertown High School. The Marketing Business Cooperative Education Program is a year-long State Skills Certified Program which means you will graduate with the competency standards set by the State of Wisconsin and will be awarded The Certification of Occupational Proficiency.

MARKETING/BUSINESS MANAGEMENT COOP CLASS 2 (Market Mgmt Cl 2 - 7350)

Prerequisite: Marketing/Business Coop Class 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

This course is a continuation of Marketing/Business Management Coop Class 1.

OFFICE APPLICATIONS DC (Office Apps DC - 7010)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course is uniquely designed to allow you to independently work on two Microsoft Office programs you are interesting in learning: Word, Excel, Access, PowerPoint, or Publisher. As an added plus, you will earn WHS credit and two Madison College credits.

PERSONAL FINANCE CAPP (Personal Finance CAPP - 7085)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: Tuition

Grade Level: 11-12

Credit: 0.5

This is a one trimester course that fulfills the financial literacy requirement for graduation. This course covers the major financial decisions encountered by individuals. Course content areas covered are budgeting, use of credit, automobile and consumer durables, insurance, housing decisions, taxes, retirement planning, estate transfer, and investments. Each content area is analyzed within the context of a comprehensive framework of personal financial planning. This course is offered through the University of Wisconsin –Oshkosh. The cost for the 3 credit class, if all requirements are met, is approx. \$300. UW-Oshkosh determines the tuition cost in August.

PRINCIPLES OF MARKETING DC (Principles of Market DC - 7300)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

This cornerstone class helps students who are pursuing a career in corporate America or entrepreneurial endeavors. The six units in this one trimester class are the building block for continual growth and knowledge in marketing and business degrees. The curriculum taught in this class is the same whether you take it for Madison College Credit or not. Why not take it for credit? It's FREE!

BUSINESS/MARKETING

RETAIL OPERATIONS (Retail Operations - 7200)

Prerequisite: Entrepreneurship or Principles of Marketing

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Let The Blue Zone become your learning lab classroom. Learn retail skills, display ideas, and industry trends in the classroom and then put them into action in the store. This is a hands-on class and never the same class twice.

SPORTS & ENTERTAINMENT MARKETING (Sports Entertainment Market - 7325)

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Sports and entertainment opportunities are intangible products in a multi-billion dollar industry. It is marketing!! Take the principles taught in Principles of Marketing DC and dig deeper into the sports and entertainment industry. Opportunities to demonstrate creativity and concepts while applying knowledge to events at Watertown High School.

ENGLISH

Course Name	Course Number	9	10	11	12	Prerequisite
*Analysis in Film	1350			X	X	
AP English Language & Composition 1	1270			X		
AP English Language & Composition 2	1275			X		
AP English Literature & Composition 1/ Early Bird AP English Lit & Comp 1	1310/1316				X	
AP English Literature & Composition 2/ Early Bird AP English Lit & Comp 2	1315/1317				X	
British Literature 1	1330				X	
British Literature 2	1335				X	
*Creative Writing	1170		X	X	X	
English 9 - 1	1010	X				
English 9 - 2	1015	X				
English 10 - 1	1120		X			
English 10 - 2	1125		X			
English 11 - 1	1260			X		
English 11 - 2	1265			X		
English 12 - 1	1410				X	
English 12 - 2	1415				X	
Honors English 9 - 1	1030	X				
Honors English 9 - 2	1035	X				
Honors English 10 - 1	1130		X			
Honors English 10 - 2	1135		X			
*Speech & Drama	1340		X	X	X	
*Reading Workshop	1400	X	X	X	X	
World Literature 1	1320				X	
World Literature 2	1325				X	

Four credits of English are required for graduation.
(1 credit of English 9/Honors, 1 credit of English 10/Honors, 1 credit of English 11/AP,
and 1 credit Senior English options)

ANALYSIS IN FILM (Analysis in Film - 1350) *Elective

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This trimester **elective** course will focus on the study of films to determine why filmmakers make the choices they do. Films will be interpreted and analyzed on both an intellectual and emotional level, and students will learn camera techniques, editing, lighting, sound, film genre and auteur theory. This analysis, both verbal and written, will improve understanding and appreciation of both stories and film. This course is not designed to merely view films. Heavy emphasis will be on interpreting and analyzing the films and on writing formal essays. This class cannot be taken as a substitute for regular English course requirements. Students may need to purchase support materials.

ENGLISH

AP ENGLISH LANGUAGE & COMPOSITION 1 (AP English Language 1 - 1270)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11

Credit: 0.5

AP English Language and Composition is designed to prepare students to take the Advanced Placement exam for possible college credit as well as to move at a faster pace than general courses. Students will read both fiction and nonfiction by American authors, learn about a wide variety of literary genres, and study the rhetoric used in these texts. Extensive writing, reading and analysis will be linked to the texts. Students may need to purchase support materials for this course. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP ENGLISH LANGUAGE & COMPOSITION 2 (AP English Language 2 - 1275)

Prerequisite: AP English Language & Composition 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11

Credit: 0.5

This course is a continuation of AP English Language and Composition 1. Students may need to purchase support materials for this course. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP ENGLISH LITERATURE & COMPOSITION 1 (AP English Literature 1 - 1310; EB AP Eng Literature 1 - 1316)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

This course will offer students challenges and opportunities for creative and expository analysis, as well as prepare students for the college experience. This course is designed to prepare students to take the Advanced Placement exam for possible college credit as well as to move at a faster pace than general courses. Students will read college-level literature, critically study the diction and syntax of poetry, short stories, nonfiction, and novels; and write analytical, argumentative, and expository essays. Students may need to purchase support materials for this course. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.) *Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

AP ENGLISH LITERATURE & COMPOSITION 2 (AP English Literature 2 - 1315; EB AP Eng Literature 2 - 1317)

Prerequisite: AP English Lit & Comp 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

This course is a continuation of AP English Literature & Composition 2. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.) *Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

ENGLISH

BRITISH LITERATURE 1 (British Literature 1 - 1330)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

This course will include the study of British authors from many eras. The students will be required to write analytically, read critically, and engage in formal speaking activities. This course is recognized by technical colleges and universities for academic credit. First trimester covers the Anglo Saxon period to the Renaissance. Students may need to purchase support materials for this course.

BRITISH LITERATURE 2 (British Literature 2 - 1335)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

This course is a continuation of British Literature 1. Second trimester covers Romanticism to Modern Literature.

CREATIVE WRITING (Creative Writing - 1170) *Elective

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

In this **elective** course students will learn about the major forms of creative writing and write their own pieces. Students will also read a diverse selection of American literature and world literature to gain an understanding of just what makes good writing in terms of form, style, and word choice. Students will also have the opportunity to publish their work. This class cannot be taken as a substitute for regular English course requirements.

ENGLISH 9 - 1 (English 9-1 - 1010)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9

Credit: 0.5

English 9 is a combination of composition, literature and communication skills. The course is designed to improve writing through the study of the process approach to composition. A variety of genres will be studied, including short stories, essays, and poetry. First trimester will include Of Mice and Men and Romeo and Juliet. Students may need to purchase support materials for this course.

ENGLISH 9 - 2 (English 9-2 - 1015)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9

Credit: 0.5

English 9 -2 is a continuation of English 9. Second trimester includes “literature circles” and the study of the novel To Kill a Mockingbird.

ENGLISH

ENGLISH 10 - 1 (English 10-1 - 1120)

Prerequisite: None

Course Fee: None

Grade Level: 10

Course Detail: 1 Trimester

Credit: 0.5

English 10 is a combination of composition, literature, and communication skills. The course is designed to improve writing and communication skills through the study of the process approach. A variety of contemporary genres will be studied, including short stories, essays, novels, drama, and poetry. Students may need to purchase support materials for this course.

ENGLISH 10 - 2 (English 10-2 - 1125)

Prerequisite: None

Course Fee: None

Grade Level: 10

Course Detail: 1 Trimester

Credit: 0.5

English 10-2 is a continuation of English 10-1.

ENGLISH 11 - 1 (English 11-1 - 1260)

Prerequisite: None

Course Fee: None

Grade Level: 11

Course Detail: 1 Trimester

Credit: 0.5

English 11 will cover a combination of reading, writing, and speaking opportunities. Students will learn about a wide variety of literary genres and study the diverse cultural backgrounds of many American authors. Writing and speaking will be linked to the literature studied. First trimester will cover early American literature to the Civil War era. Students may need to purchase support materials.

ENGLISH 11 - 2 (English 11-2 - 1265)

Prerequisite: None

Course Fee: None

Grade Level: 11

Course Detail: 1 Trimester

Credit: 0.5

English 11-2 is a continuation of English 11. Second trimester will cover Post Reconstruction to Modern American literature.

ENGLISH 12 - 1 (English 12-1 - 1410)

Prerequisite: None

Course Fee: None

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

This two trimester course is designed to meet the needs of students who plan to enter the work force, the military, or a technical college following graduation. This course is NOT recognized by universities for academic credit. The emphasis of the class is technical writing, expository writing, and general communication skills to meet Career Readiness standards. Students will read both classical and modern literary selection from a variety of genres and from varied perspectives. Personal goal setting and growth through Independent-learning opportunities are the focus of the first trimester.

ENGLISH

ENGLISH 12 - 2 (English 12-2 - 1415)

Prerequisite: None

Course Fee: None

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

English 12-2 is a continuation of English 12-1. Students may need to purchase support materials for this course.

HONORS ENGLISH 9 - 1 (Honors English 9-1 - 1030)

Prerequisite: None

Course Fee: None

Grade Level: 9

Course Detail: 1 Trimester

Credit: 0.5

This course will cover the same objectives as English 9. However, it will also offer students more challenges and opportunities for in-depth analysis. The challenging pace of this course is designed to advance writing skills, study a variety of genres, and practice communication skills. Students may need to purchase support materials for this course.

HONORS ENGLISH 9 - 2 (Honors English 9-2 - 1035)

Prerequisite: None

Course Fee: None

Grade Level: 9

Course Detail: 1 Trimester

Credit: 0.5

Honors English 9-2 is a continuation of Honors English 9, including the study of Great Expectations and To Kill a Mockingbird. Students may need to purchase support materials for this course.

HONORS ENGLISH 10 - 1 (Honors English 10-1 - 1130)

Prerequisite: None

Course Fee: None

Grade Level: 10

Course Detail: 1 Trimester

Credit: 0.5

Honors English 10 is a combination of composition, literature, and communication skills. The course is designed to improve writing and communication skills through the study of the process approach. A variety of contemporary genres will be studied, including short stories, essays, novels, drama, and poetry. Students may need to purchase support materials for this course. What sets this course apart from a "regular" level course is extensive, independent reading and analysis of text, modeled after the writing and thinking required by AP-level courses.

HONORS ENGLISH 10 - 2 (Honors English 10-2 - 1135)

Prerequisite: None

Course Fee: None

Grade Level: 10

Course Detail: 1 Trimester

Credit: 0.5

This course is a continuation of Honors English 10-1.

ENGLISH

SPEECH & DRAMA (Speech & Drama - 1340) *Elective

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

In this trimester **elective** course, students will build upon public speaking and performance skills learned in the English curriculum and also be exposed to several aspects of the communication process. Students will participate in several individual and group speaking activities, produce a creative dramatic production, and critically evaluate themselves throughout the trimester. Students may need to purchase support materials for this course. This class cannot be taken as a substitute for regular English course requirements.

READING WORKSHOP (Reading Workshop - 1400) *Elective

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

This trimester **elective** course is open to any student who is serious about becoming a better reader. Students will learn to read textbooks, novels and other fiction and non-fiction materials more efficiently and with better understanding. The skills and strategies learned in this course will help students in just about any reading situation both in and out of school. This class cannot be taken as a substitute for any regular English requirements.

WORLD LITERATURE 1 (World Literature 1 - 1320)

Prerequisite: None

Course Fee: None

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

The emphasis of this two-trimester course is the study of literature from around the world. In trimester one, the class will focus on literature of Europe, Asia and the Middle East. Students will study the history and writing of these cultures while learning to communicate for a variety of purposes and for varied audiences. The course is recognized by technical colleges and universities for academic credit. Students may need to purchase support material for this course.

WORLD LITERATURE 2 (World Literature 2 - 1325)

Prerequisite: None

Course Fee: None

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

The emphasis of this two-trimester course is the study of literature from around the world. In trimester two, the class will focus on literature of Africa and Latin America. Students will study the history and writing of these cultures while learning to communicate for a variety of purposes and for varied audiences. The course is recognized by technical colleges and universities for academic credit. Students may need to purchase support material for this course.

FAMILY CONSUMER SCIENCES

Course Name	Course Number	9	10	11	12	Prerequisite	Course Fee
Education & Training Pathway:							
Assistant Child Care Teacher DC	8145			X	X		
Career Exploration - Education 101 - 1	9514			X	X		
Career Exploration - Education 101 - 2	9516			X	X		
Child Care Teacher Coop DC 1	8150				X	X	X
Child Care Teacher Coop DC 2	8155				X	X	X
Mentoring Experience 1	9512			X	X	X	
Mentoring Experience 2	9513			X	X	X	
Parenting and Relationships	8140		X	X	X		
Hospitality & Tourism Pathway:							
Basic Foods	8000	X	X	X	X		X
Culinary Arts Management 1 DC	8100				X	X	X
Culinary Arts Management 2 DC	8110				X	X	X
Cultural Foods	8025		X	X	X	X	X
Fashion Design DC	8270			X	X		X
Fiber, Fabric & Food Entrepreneurship	8220	X	X	X	X		
Food Science	8010		X	X	X		X
Interior Design	8271			X	X		X
Introduction to Hospitality 1 DC	8060			X	X	X	X
Introduction to Hospitality 2 DC	8061			X	X	X	X
Nutrition & Fitness	8075	X	X	X	X		X
Professional Baking DC	8070			X	X	X	X

ASSISTANT CHILD CARE TEACHER DC (Assist Child Care Teacher DC - 8145)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course is an introduction to childhood education and childcare services. The course covers curriculum development, health and safety, job skills training, hands-on teaching experience, and professional development in the field of education. The final project of the course is community services project planned and taught by the students. High school students interested in any type of career field involving children or teaching would benefit from this course. Successful completion of this course earns a DPI Certificate of Assistant Child Care Teacher (ACCT).

BASIC FOODS (Basic Foods - 8000)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: \$20

Grade Level: 9-12

Credit: 0.5

Do you like hands on learning? Are you interested in learning the fundamentals of food preparation and how to stretch your food dollars, as well as how to make a meal in less than 30 minutes? Included in this one trimester course is safe food handling techniques, food trends, nutritionally sound meal planning, and convenience food usage. Food preparation includes introductory techniques in grains, pasta and stir frying, quick breads and yeast breads, milk and cheese, vegetables and fruits, meats and poultry.

FAMILY CONSUMER SCIENCES

CAREER EXPLORATION - EDUCATION 101-1 (Career Exploration-Ed 101-1 - 9514)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course provides opportunities for students with an interest in teaching in a K-12 setting. Instruction addresses the principles and procedures for promoting the physical, emotional, and social, and intellectual development of children, adolescents and developmentally appropriate practices in educational settings. Students have the opportunity to gain work experience in classrooms with certified teachers as part of their course work. Other components include the development of a four-year post-secondary plan, salaries and benefits of a teacher, job security, and future projections of the job market. NOTE: This course can be taken in conjunction with Mentoring Experience or individually.

CAREER EXPLORATION - EDUCATION 101-2 (Career Exploration-Ed 101-2 - 9516)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Career Exploration Education 101-2 is a continuation of Career Exploration Education 101

CHILD CARE TEACHER COOP DC 1 (Child Care Teacher DC 1 - 8150)

Prerequisite: Assistant Child Care Teacher DC

Course Detail: 1 Trimester

Course Fee: \$19 First Aid Training

Grade Level: 12

Credit: 0.5

This course involves further study of professionalism, curriculum development, guidance of children, health and safety, and special needs teaching. High school students interested in any type of career field involving children or teaching would benefit from this course. Students who successfully complete the Child Care Teacher standards and requirements for graduation will receive the second level Department of Public Instruction Child Care Teacher (CCT) certification. Students have the option to enroll to Madison College to receive 3 credits with their Health, Safety, and Nutrition course. Students have the option to take the Child Care Co-Op work component too.

CHILD CARE TEACHER COOP DC 2 (Child Care Teacher DC 2 - 8155)

Prerequisite: Assistant Child Care Teacher DC

Course Detail: 1 Trimester

Course Fee: \$19 First Aid Training

Grade Level: 12

Credit: 0.5

Child Care Teacher Coop DC 2 is a continuation of Child Care Teacher Coop DC 1.

FAMILY CONSUMER SCIENCES

CULINARY ARTS MANAGEMENT 1 DC (Culinary Arts 1 DC - 8100)

Prerequisite: Basic Foods or Intro to Culinary/Hospitality

Course Fee: \$20

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

Students will develop skills for the hospitality, restaurant, and lodging industry. Students will refine their culinary skills in the areas of short order cooking, salads and garnishing, nutrition, breakfast production, meats, poultry, and seafood, presentation skills, dairy and cheese, desserts, sustainability in food service, and cost control, purchasing, inventory, and marketing. Students will develop menus and do the marketing and sales procedures for running their own restaurant (“Our Place Coffee and Bake Shop”). Students will plan and prepare gourmet meals for several banquets. At the conclusion, students will be able to take the National Restaurant Association ProStart II exam, receive transcribed credit at Waukesha Area Technical College (WCTC), advance placement at other post-secondary schools, and will be eligible for several scholarships to attain their post-secondary education. Culinary competitions are a part of this course.

CULINARY ARTS MANAGEMENT 2 DC (Culinary Arts 2 DC - 8110)

Prerequisite: Culinary Arts Management 1

Course Fee: \$20

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

Culinary Arts Management 2 is a continuation of Culinary Arts Management 1.

CULTURAL FOODS (Cultural Foods - 8025)

Prerequisite: Basic Foods

Course Fee: \$20

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Do you like to travel? Do foods of other countries interest you? This course studies foods and cultures from around the world including: Asia, Middle East, Africa, Mediterranean Countries, Europe, Latin America, and Regional United States. Prepare delicious, ethnic foods as you learn about careers in travel and tourism.

FASHION DESIGN DC (Fashion Design DC - 8270)

Prerequisite: None

Course Fee: Materials

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Fashion Design DC is aligned with the technical college system. Students will learn about the careers, famous designers, and historical influences in fashion design. Students will be able to apply principles and elements of design as it relates to fashion. Students will study trends in fashion design. Students will be provided with opportunities to develop skills through the use of individual or team projects. Examples may be, but not limited to: develop a line of clothing including design basics, fabric choices, labeling and pricing. Or develop a recycled/redesign clothing or accessory line.

FAMILY CONSUMER SCIENCES

FIBER, FABRIC & FOOD ENTREPRENEURSHIP (Fiber, Fabric, & Foods - 8220)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 9-12

Credit: 0.5

Have you an interested in starting your own small business? Are you creative? If so, the Entrepreneurship with Fiber, Fabric, and Foods class is for you! Students will creatively use fabric and food to produce projects that will be marketed during this one trimester course. Projects will include stationary shop, bath and home boutique, accessories and bags, gourmet and tasty treats, and warm and logo wear. Students will learn how to start-up, run and maintain their own small business by selling the products they make in class to the school store or after school.

FOOD SCIENCE (Food Science - 8010)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: \$20

Grade Level: 10-12

Credit: 0.5

Foods - what is the science behind it? What makes popcorn “pop”? What effect does Maillard browning have on food? What makes aged cheese? How are new foods developed? Do you have an interest in the science of food? Then this is the course for you! You will actively participate in experiments related to the fundamentals of food chemistry and how that chemistry relates to food preparation, food processing, and food preservation. Food dehydration, canning, pickling, freezing, fermenting, use of additives, and flavorings are just some of the techniques and products that will be done in this class. Develop your sense of “taste” for a career in food science. NOTE: This course may be recognized by some colleges toward a third science credit. However, students must confirm, with each specific college of interest, to determine if the course would be accepted toward a third science credit for admission.

INTERIOR DESIGN (Interior Design - 8271)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 11-12

Credit: 0.5

This course is designed to give you an in-depth look at interior design. You will have the opportunity to be an interior design consultant. Emphasis will be on color, line, styles, materials and textiles, construction, and production, as well as careers and presentation methods for designers. Also included is the study of exterior and interior housing styles, furniture styles, accessories and backgrounds. You will develop professional presentations as the professionals do and design or/redesign a project.

FAMILY CONSUMER SCIENCES

INTRODUCTION TO HOSPITALITY/CULINARY 1 (Intro to Hosp/Culinary 1 DC - 8060)

Prerequisite: Basic Foods

Course Detail: 1 Trimester

Course Fee: \$20

Grade Level: 11-12

Credit: 0.5

Are you interested in finding out more about the fastest growing career fields in the world - Hospitality, Food Service and Lodging? This course combines culinary and management skills. Units of study include career development, food and workplace safety, kitchen essentials (which includes knife skills), stocks, sauces and soups, fruits and vegetables, potatoes and grains, serving the customer, communication and management essentials. Students have the opportunity to prepare their course skills in FCCLA and Wisconsin Restaurant Association competitions. Students may receive a Level 1 National Restaurant Association ProStart Certification and a Level 1 Hospitality, Lodging and Tourism Youth Apprenticeship Certification.

INTRODUCTION TO HOSPITALITY/CULINARY 2 (Intro to Hosp/Culinary 2 DC - 8061)

Prerequisite: Intro to Hosp 1

Course Detail: 1 Trimester

Course Fee: \$20

Grade Level: 11-12

Credit: 0.5

Introduction to Hospitality/Culinary 2 is a continuation of Introduction to Hospitality/Culinary 1.

MENTORING EXPERIENCE 1 (Mentor Experience 1 - 9512)

Prerequisite: Grade & Attendance Requirement

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Throughout the mentoring experience, the mentor will learn more about his or her own interests as they are related to career opportunities, build interpersonal skills, learn about what younger students are interested in, establish positive relationships with and be a positive role model for younger students throughout the Watertown community, and be able to reflect on their developing growth as a student. NOTE: This course can be taken in conjunction with Career Exploration - Education 101 or individually.

MENTORING EXPERIENCE 2 (Mentor Experience 2 - 9513)

Prerequisite: Grade & Attendance Requirement

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course is a continuation of Mentoring Experience 1. NOTE: This course can be taken in conjunction with Career Exploration - Education 101 or individually.

NUTRITION AND FITNESS (Nutrition & Fitness - 8075)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: \$20

Grade Level: 9-12

Credit: 0.5

Do you just want to learn how to maintain a healthy body by eating wisely and exercising? Your nutrition and fitness habits now will continue to affect your life. This course offers you both exercise and the knowledge of learning how to make healthy food choices and prepare healthy foods. You will have the opportunity to learn about foods and prepare foods one day, and then the next day you will learn techniques for maintaining a strong healthy body by toning, aerobics, flexibility and yoga.

FAMILY CONSUMER SCIENCES

PARENTING & RELATIONSHIPS (Parenting & Relationship - 8140)

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

The Parenting course prepares students to understand the development of relationships throughout the lifespan. This course is designed to help young people acquire knowledge and skills essential to the care and guidance of relationships currently and as a future parent or caregiver. This course is highly recommended for students who want to pursue a career in the field of education from early childhood through high school level teaching. This course is encouraged for students interested in the ACC & CTT certificate courses.

PROFESSIONAL BAKING DC (Professional Baking DC - 8070)

Prerequisite: Basic Foods

Course Fee: \$20

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

If you enjoy baking, this course is for you. Upon completion of this course, you will have experienced the following: using professional baking equipment, making artisan breads, lean and rich dough yeast breads, quick breads, yeast, pastries, pies and tarts. Try your hand at baking cookies, cakes and cake decorating, preparing creams, icings and syrups. You will also have the experience of marketing and selling your product at the "Our Place" Bake Shop. If you choose, you can take the test to receive credit from the National Restaurant Association. Your hours can be applied to the National Baking Association Certification and you can receive transcribed credit and/or advanced placement at either WCTC/MATC.

HEALTH SCIENCES

Course Name	Course Number	9	10	11	12	Prerequisite	Course Fee
Certified Nursing Assistant DC	8370			X	X	X	X
Essential Skills in Healthcare	8355			X	X		
Healthcare Career Exploration DC	8350		X	X	X		
Health Observation DC	8360				X	X	X
Medical Terminology DC	8352			X	X	X	X

CERTIFIED NURSING ASSISTANT DC (CNA DC - 8370)

Prerequisite: Attendance & Grade Requirement

Course Detail: 1 Semester

Course Fee: None

Grade Level: 11-12

Credit: 1

Students will be instructed in skills that are required of nursing assistants in long term care facilities or hospitals. The course consists of lecture, laboratory demonstrations in the classroom and clinical experience at a local facility. Upon proper completion of skills and passing a state certified test, the student will receive state certification and be eligible for employment. This is a Madison College course and meets generally three times a week with additional class hours when clinical activities are completed. **Release time will only be given to students enrolling in this class during the school day.**

ESSENTIAL SKILLS IN HEALTHCARE (Essentials Skills Healthcare - 8355) (Formally known as Health Services)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: \$7

Grade Level: 11-12

Credit: 0.5

Students in this class will learn an extension of knowledge in the following areas: personal health and wellness (communication, goal setting, and stress management), mental and emotional health (focus on mental illness/disorders), nutrition, human growth and development, and myths of aging. This health-related course will focus on essential skills students need to maintain their own health and wellness while working in health care. Students also become First Aid and CPR certified through the American Heart Association.

HEALTHCARE CAREER EXPLORATION DC (Health Care Career Expl DC - 8350)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

Students are introduced to many basic topics involved with care in the medical field. The focus of this course will be on careers in health care with discussions, research, and the expertise of professionals from the community. Curriculum also includes information on safety practices, infection control, basics of insurance, history of health care, as well as legal and ethical responsibilities involved in health care. Dual credit is available for any student who successfully completes this course with a grade of C or better on Madison College's grading scale.

HEALTH SCIENCES

HEALTH OBSERVATION DC (Health Observation DC - 8360)

Prerequisite: Health Care Career Exploration

Course Fee: Appx. \$75

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

This course allows students the opportunity to 'job shadow' in the healthcare field. Students will begin the trimester in the classroom focusing on professionalism, interpersonal and written communication skills, and confidentiality as they relate to customer service in health care. Once observations begin, students will rotate through various positions at the hospital and other health care facilities in the community four days a week (M, T, Th, F). Students must provide their own transportation. Wednesday class will always be held at WHS to continue covering the course curriculum. This class is responsible for running the blood drive in the Fall and Spring. Students can earn two transcribed credits with WCTC for the course, Introduction to Health Professions. Priority for enrollment will be given to employed Health Services Youth Apprenticeship students. Attendance is crucial for student success as attendance at the job shadow experiences accounts for half the student's grade.

MEDICAL TERMINOLOGY DC (Medical Terminology DC - 8352)

Prerequisite: None

Course Fee: \$55

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course is fundamental for many health-related programs and is important to student success in the medical field. The focus of this course is on the component part of medical terms: prefixes, suffixes, and word roots. Students practice formulation, analysis, and reconstruction of terms. Emphasis is on spelling, word analysis, definition and pronunciation. This course requires a high level of reading and writing skills. Dual credit is available for juniors and seniors, who successfully complete this course with a grade of C or higher on the Madison College Grading Scale.

INFORMATIONAL TECHNOLOGY

Course Name	Course Number	9	10	11	12	Prerequisite	Course Fee
Digital Design 1 DC - Foundation of Web	7035	X	X	X	X		
Digital Design 2 DC - Advanced Web Design	7036	X	X	X	X	X	
Game Development	7031	X	X	X	X	X	
Intro to Computer Programming	7030	X	X	X	X		
IT Essentials 1 DC	7037			X	X		
IT Essentials 2 DC	7038			X	X	X	

DIGITAL DESIGN 1 DC - FOUNDATIONS OF WEB DESIGN (Digital Design 1 DC - 7035)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

This course uses the professional web-authoring software of Adobe Dreamweaver. You will learn the professional Web design and developmental process using project management and collaboration; design, research and communication while creating a variety of graphical images, an electronic portfolio, and interactive graphics. **NOTE:** Only sophomores, juniors, and seniors can receive Madison College credit.

DIGITAL DESIGN 2 DC - ADVANCED WEB DESIGN (Digital Design 2 DC - 7036)

Prerequisite: Digital Design 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

This course enhances the more advanced features of Adobe's Dreamweaver and introduces multimedia elements with Adobe Flash. You will create your own professional web page to showcase your work. As a culminating project, you will create a client web site for a business.

GAME DEVELOPMENT (Game Development - 7031)

Prerequisite: Intro to Computer Programming

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

This course is designed to write, compile, and run Java applications and applets. The course starts with a focus on the fundamental aspects and features of object-programming, especially how they relate to Java and game programming. Game development places an emphasis on flexible games using gaming tools and the ability to add sound. As the course progresses, Adobe Flash CS5.5 will be integrated to create games with Web animation, while maintaining an environment that is interactive with the user. **NOTE: This course may also be taken as a third credit of Math toward the WHS graduation requirement. This course may be recognized by some colleges toward a third math credit. However, students must confirm, with each specific college of interest, to determine if the course would be accepted toward a third math credit for admission.**

INFORMATIONAL TECHNOLOGY

INTRODUCTION TO COMPUTER PROGRAMMING (Intro Computer Programming - 7030)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

This course is designed for the student who has had very little or no experience in computer programming. Java is the language that will be used. The moderate pace of the course will allow an in-depth study of programming fundamentals and should enable the student to make sound decisions about future programming courses. **NOTE: This course may also be taken as a third credit of Math toward the WHS graduation requirement. This course may be recognized by some colleges toward a third math credit. However, students must confirm, with each specific college of interest, to determine if the course would be accepted toward a third math credit for admission.**

IT ESSENTIALS - HARDWARE & SOFTWARE 1 DC (IT Essentials-Hardware 1 DC - 7037)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

IT Essentials: PC Hardware and Software 1 curriculum provides an introduction to the computer hardware and software skills needed to help meet the growing demand for entry-level information and communication technology (ICT) professionals. The curriculum covers the fundamentals of PC technology, networking, and security, and also provides an introduction to advanced concepts.

IT ESSENTIALS - HARDWARE & SOFTWARE 2 DC (IT Essentials-Hardware 2 DC - 7038)

Prerequisite: IT Essentials 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

IT Essentials: PC Hardware and Software 2 is an extension of the first trimester class. It is a hands-on, career-orientated e-learning solution with an emphasis on practical experience to help students develop fundamental computer skills, along with essential career skills. IT Essentials curriculum helps students prepare for entry-level ICT (information and career technology) career opportunities and the CompTIA A+ certification, which helps students differentiate themselves in the market place to advance their careers.

MATHEMATICS

Course Name	Course Number	9	10	11	12	Prerequisite
AP Calculus 1	3230				X	X
AP Calculus 2	3235				X	X
AP Statistics 1/ EB AP Stats 1	3215/3217			X	X	X
AP Statistics 2/ EB AP Stats 2	3216/3218			X	X	X
Advanced Algebra 1	3140		X	X	X	X
Advanced Algebra 2	3150		X	X	X	X
Algebra 1	3001	X				X
Algebra 2	3002	X				X
Applied Spatial Math 1	3081		X	X	X	X
Applied Spatial Math 2	3091		X	X	X	X
Functions, Statistics, Trigonometry 1	3240			X	X	X
Functions, Statistics, Trigonometry 2	3245			X	X	X
Game Development (See IT Dept)	7031	X	X	X	X	X
Geometry 1	3101	X	X	X	X	X
Geometry 2	3111	X	X	X	X	X
Geometry in Construction 1: Geometry	3250/8640	X	X	X	X	X
Geometry in Construction 2: Geometry	3255/8645	X	X	X	X	X
Honors Advanced Algebra 1	3225		X	X		X
Honors Advanced Algebra 2	3226		X	X		X
Honors Geometry 1	3100	X	X			X
Honors Geometry 2	3110	X	X			X
Honors Pre-Calculus 1	3120			X	X	X
Honors Pre-Calculus 2	3130			X	X	X
Intermediate Algebra 1	3065		X	X	X	X
Intermediate Algebra 2	3075		X	X	X	X
Intro to Computer Program (See IT Dept)	7030	X	X	X	X	
Pre-Calculus 1	3160			X	X	X
Pre-Calculus 2	3170			X	X	X

Three credits required for graduation.

AP CALCULUS 1 (AP Calculus - 3230)

Prerequisite: Successful completion of all courses through Pre-Calc

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

Part one of a two part course on Calculus following the objectives of the CEEB Advanced Placement Program. This course covers the concept of Limits: algebraically, numerically, graphically and verbally. The course then continues on with a formal definition of the derivative and finishes with the chain, product and quotient rules for derivatives. Finally, students use the ideas of limits and derivatives to study the concepts in context with engineering, physics and business applications. Students are given the opportunity to take the Advanced Placement Exam in May. Each student will be required to have a TI-84+ graphing calculator. Students will also need ready access to a computer and the internet. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

MATHEMATICS

AP CALCULUS 2 (AP Calculus - 3235)

Prerequisite: Successful completion of AP Calculus 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

Part two of a two part course in Calculus following the objectives of the CEEB Advanced Placement Program. Picks up where part one left off with the study of two types of integrals, using integrals to solve accumulation problems, area problems, volumes of rotation, solving separable differential equations and introductory integration techniques. Each student will be required to have a TI-84+ graphing calculator. They will also need ready access to a computer and the internet. (NOTE: The cost of the AP Exam is approximately \$90.00 for each student who chooses to take the exam.)

AP STATISTICS 1 (AP Statistics 1 - 3215; EB AP Statistics 1 - 3217)

Prerequisite: Successful completion of all courses through Adv Alg

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Part one of a two part course on Statistics following the objectives of the CEEB Advanced Placement Program. This is a college level, non-calculus based course. This course is designed to present strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students will work on projects involving the hands-on gathering and analysis of real world data. They will learn to interpret and judge the statistical information in the world around them. Computers and calculators will allow students to investigate and explore statistical concepts. Effective communication skills will be developed through regular written analysis of real data. The course content and learning activities will prepare students for the AP Exam and possible college credit. Each student will be required to have a TI-84+ graphing calculator. They will also need ready access to a computer and the internet. (NOTE: The cost of the AP Exam is approximately \$90.00 for each student who chooses to take the exam.) *Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

AP STATISTICS 2 (AP Statistics 2 - 3216; EB AP Statistics 2 - 3218)

Prerequisite: Successful completion of AP Statistics 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Part two of a two part course on Statistics following the objectives of the CEEB Advanced Placement Program. This is a college level, non-calculus based course. This course is designed to present strategies for collecting, organizing, analyzing, and drawing conclusions from data. Students will work on projects involving the hands-on gathering and analysis of real world data. They will learn to interpret and judge the statistical information in the world around them. Computers and calculators will allow students to investigate and explore statistical concepts. Effective communication skills will be developed through regular written analysis of real data. The course content and learning activities will prepare students for the AP Exam and possible college credit. Each student will be required to have a TI-84+ graphing calculator. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.) *Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

MATHEMATICS

APPLIED SPATIAL MATH 2 (Applied Spatial Math 2 - 3091)

Prerequisite: Applied Spatial Math 1

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Part two of a two part course. This is an informal geometry course and is intended to build skills for a geometry course, which is a requirement for college admission. Topics include: relationships of points, lines, and planes, parallel and perpendicular lines, angles, circles, congruent and similar triangles, graphing, constructions, perimeter, volume, and trigonometry. A scientific or graphics calculator is recommended.

FUNCTIONS, STATISTICS, TRIGONOMETRY (FST) 1 (Functions, Stats, Trig 1 - 3240)

Prerequisite: Successful completion of all courses through Adv Alg

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimesters

Credit: 0.5

Part one of a two part course. Functions, Statistics, and Trigonometry (FST) will combine traditional mathematical content with an emphasis on problem solving in real-life situations, geometry, statistics, and probability. FST emphasizes functional expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial, circular and other special functions both for their abstract properties and for modeling real-world situation. The course will also introduce statistical properties such as measures, probability, simulation and binomial and normal distributions. A graphics calculator is needed.

FUNCTIONS, STATISTICS, TRIGONOMETRY (FST) 2 (Functions, Stats, Trig 2 - 3245)

Prerequisite: Successful completion of FST 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimesters

Credit: 0.5

Part two of a two part course. Functions, Statistics, and Trigonometry (FST) will combine traditional mathematical content with an emphasis on problem solving in real-life situations, geometry, statistics, and probability. FST emphasizes functional expressions and forms, especially linear and quadratic forms, powers and roots, and functions based on these concepts. Students study logarithmic, trigonometric, polynomial, circular and other special functions both for their abstract properties and for modeling real-world situation. The course will also introduce statistical properties such as measures, probability, simulation and binomial and normal distributions. A graphics calculator is needed.

GEOMETRY 1 (Geometry 1 - 3101)

Prerequisite: Successful completion of Algebra 1 & 2

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Part one of a two part course. The course introduces the basic geometric figures and postulates. It then uses these to create theorems involving angle pair relations, parallel and perpendicular lines, transformations and similarity. A scientific or graphics calculator is recommended.

MATHEMATICS

GEOMETRY 2 (Geometry 2 - 3111)

Prerequisite: Successful completion of Geometry 1

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Part two of a two part course. The course begins with trigonometry. After trigonometry is covered, the course moves to congruent triangles, quadrilaterals and polygons, circles and three-dimensional figures. A scientific or graphics calculator is needed.

GEOMETRY IN CONSTRUCTION 1: GEOMETRY (Geometry in Construction 1: Geom - 3250/8640)

Prerequisite: Passed Algebra 1 & 2

Course Fee: \$20 & Materials

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 1 (0.5 - Geom; 0.5 - Const)

Part one of a two part course and is a two-period block. Geometry in Construction is an integrated course where students learn a variety of topics through building a significant construction project that will be of service to the Watertown community. Students will learn safety, problem solving, tool use, print reading, and career exploration. Geometry content is similar to other geometry courses in the Math Department and is designed to prepare students for Advanced Algebra. The course is team taught with a Math and Tech Ed teacher. Students do not need prior construction experience.

GEOMETRY IN CONSTRUCTION 2: GEOMETRY (Geometry in Construction 2: Geom - 3255/8645)

Prerequisite: Geometry in Construction 1

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 1 (0.5 - Geom; 0.5 - Const)

Part two of a two part course and is a two-period block. Geometry in Construction is an integrated course where students learn a variety of topics through building a significant construction project that will be of service to the Watertown community. Students will learn safety, problem solving, tool use, print reading, and career exploration. Geometry content is similar to other geometry courses in the Math Department and is designed to prepare students for Advanced Algebra. The course is team taught with a Math and Tech Ed teacher. Students do not need prior construction experience.

HONORS ADVANCED ALGEBRA 1 (Honors Advanced Algebra 1 - 3225)

Prerequisite: Algebra & Honors Geometry

Course Fee: None

Grade Level: 10-11

Course Detail: 1 Trimester

Credit: 0.5

Part one of a two part course. Honors Advanced Algebra moves at a faster pace and more in depth than Advanced Algebra. Each topic investigates applications to real world problems. Problem-solving strategies are integrated throughout. Topics covered include functions, linear functions, quadratic functions, radical functions, polynomial functions, and rational functions. A graphics calculator is recommended.

MATHEMATICS

HONORS ADVANCED ALGEBRA 2 (Honors Advanced Algebra 2 - 3226)

Prerequisite: Honors Advanced Algebra 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-11

Credit: 0.5

Part two of a two part course. Honors Advanced Algebra moves at a faster pace and more in depth than Advanced Algebra. Each topic investigates applications to real world problems. Problem-solving strategies are integrated throughout. Topics covered include matrices, probability, sequences and series, statistics, trigonometry, logarithmic functions and conics. A graphics calculator is recommended.

HONORS GEOMETRY 1 (Honors Geometry 1 - 3100)

Prerequisite: Algebra

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-10

Credit: 0.5

Part one of a two part course. Honors Geometry moves at a faster pace and is more in depth than Geometry. The course introduces the basic geometric figures and postulates. It then uses these to create theorems involving angle pair relations, parallel and perpendicular lines, transformations and similarity. A scientific or graphics calculator is recommended.

HONORS GEOMETRY 2 (Honors Geometry 2 - 3111)

Prerequisite: Honors Geometry 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-10

Credit: 0.5

Part two of a two part course. Honors Geometry moves at a faster pace and more in depth than Geometry. The course begins with trigonometry. After trigonometry is covered, the course moves to congruent triangles, quadrilaterals and polygons, circles and three-dimensional figures. A scientific or graphics calculator is needed.

HONORS PRE-CALCULUS 1 (Honor Pre-Calculus 1 - 3120)

Prerequisite: Algebra, Honors Geometry & Honors Adv Algebra

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Part one of a two part course. This course moves at a faster pace and more in depth than Pre-Calculus. Each topic investigates applications to real world problems. Problem-solving strategies are integrated throughout. Topics covered include functions (linear, quadratic, exponential, logarithmic, power, polynomial, rational) and mathematical models, fitting functions to data, and trigonometric functions and their graphs. A graphics calculator is required for this course.

HONORS PRE-CALCULUS 2 (Honor Pre-Calculus 2 - 3130)

Prerequisite: Honors Pre-Calculus 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Part two of a two part course. Each topic investigates applications to real world problems. Problem-solving strategies are integrated throughout. Topics covered include identities of trigonometric functions, harmonic analysis, conic sections, polar coordinates and complex numbers, three - dimensional vectors, matrices, probability, and an introduction to limits and derivatives. A graphics calculator is required for this course.

MATHEMATICS

INTERMEDIATE ALGEBRA 1 (Intermediate Algebra 1 - 3065)

Prerequisite: Algebra & Applied Spatial Math or Geometry

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Part one of a two part course. This is an informal Advanced Algebra course which is intended to build skills necessary for success in Advanced Algebra which is a requirement for college admission. This course is intended for students who struggled with the topics covered in Algebra and have intentions of continuing education beyond high school but are not prepared for the rigors of Advanced Algebra. Problem-solving strategies, application investigations and geometric interpretations are integrated throughout. Concepts covered include a review of basic algebra, linear equations in two variables, systems of equations, relations and functions, and polynomial operations. A scientific or graphics calculator is recommended.

INTERMEDIATE ALGEBRA 2 (Intermediate Algebra 2 - 3075)

Prerequisite: Intermediate Algebra 1

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Part two of a two part course. Problem-solving strategies, application investigations and geometric interpretations are integrated throughout. Concepts covered include rational expressions and equations, radicals, irrational and complex numbers, quadratic functions, composition and inverse of functions, exponential and logarithmic functions, and absolute value inequalities. A scientific or graphics calculator is recommended.

PRE-CALCULUS 1 (Pre-Calculus 1 - 3160)

Prerequisite: Successful completion of Alg, Geom, and Adv Alg

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Part one of a two part course. Students who need and/or desire a strong background in mathematics should take this course. The emphasis is on types and graphs of functions, properties of functions using rule of four, fitting functions to data, polynomial and rational functions and trigonometry basics. Higher-level thinking skills are utilized in real world problem solving and multi-step problems. Algebraic and geometric concepts are integrated and utilized throughout. A graphics calculator is required for this class.

PRE-CALCULUS 2 (Pre-Calculus 2 - 3170)

Prerequisite: Successful completion of Pre-Calculus 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Part two of a two part course. Students who need and/or desire a strong background in mathematics should take this course. The emphasis is on sinusoidal graphs, six trigonometric functions, trigonometric identities and creating proofs of them, solving trig equations, applying parametric equations, harmonic analysis, triangle trig and vectors, conic sections and polar form. Higher-level thinking skills are utilized in real world problem solving. Algebraic and geometric concepts are integrated and utilized throughout. A graphics calculator is required for this course.

MUSIC

Course Name	Course Number	9	10	11	12	Prerequisite	Course Fee
General Music							
AP Music Theory 1	6370		X	X	X	X	
AP Music Theory 2	6375		X	X	X	X	
Advanced Soundscapes	6125	X	X	X	X	X	X
Class Guitar	6110	X	X	X	X	X	
School of Rock	6355	X	X	X	X	X	
Soundscapes	6120	X	X	X	X		
Instrumental Music							
Chamber Orchestra 1, 2, 3	6276/6277/6278			X	X		X
Concert Band 1	6280	X	X	X	X		X
Concert Band 2 & 3	6281/6282	X	X	X	X		X
Concert Orchestra 1	6270	X	X				X
Concert Orchestra 2 & 3	6273/6275	X	X				X
Jazz Ensemble 1	6320	X	X	X	X	X	
Jazz Ensemble 2	6330	X	X	X	X	X	
Symphonic Band 1	6295	X	X	X	X		X
Symphonic Band 2 & 3	6296/6297	X	X	X	X		X
Wind Symphony 1, 2, 3	6300/6305/6310		X	X	X	X	X
Vocal Music							
Choral Ensemble: Soprano-Alto 1	6215	X	X	X	X		X
Choral Ensemble: Soprano-Alto 2 & 3	6216/6217	X	X	X	X		X
Choral Ensemble: Tenor-Baritone 1	6220	X	X	X	X		X
Choral Ensemble: Tenor-Baritone 2 & 3	6225/6226	X	X	X	X		X
Concert Choir 1, 2, 3	6240/6245/6250		X	X	X	X	X
Select Voices 1, 2, 3	6230/6232/6235		X	X	X	X	X

All performance based classes will have an annual one-time uniform cleaning fee of \$10.

AP MUSIC THEORY 1 (AP Music Theory 1 - 6370)

Prerequisite: Current or previous school music course

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Get to know the inner-workings behind music. In this AP level course, students will expand on their knowledge of music, going deeper into ideas of melody, harmony, form, and the structural elements within music. In addition, students will develop their overall musicianship through training their ears to recognize melodies and rhythm, and by singing melodic ideas. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP MUSIC THEORY 2 (AP Music Theory 2 - 6375)

Prerequisite: Previous School Music Course

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

This course is a continuation of AP Music Theory 1. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

MUSIC

ADVANCED SOUNDSCAPES (Advanced Soundscapes - 6125)

Prerequisite: Soundscapes

Course Fee: \$5

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Create your own music in this advanced technology based composition course. A continuation of Soundscapes, students will use music notation and loop-based software to create complex compositions focused on the use of live digital recordings. A web-based portfolio will be created to document, display and share work.

CHAMBER ORCHESTRA (Chamber Orch 1 - 6276; Chamber Orch 2 - 6277; Chamber Orch 3 - 6278)

Prerequisite: Concert Orchestra 1, 2, & 3

Course Fee: \$10

Grade Level: 11-12

Course Detail: 3 Trimesters

Credit: 1.5

Chamber is our most advanced orchestra designed for Juniors and Seniors. This course builds upon the concepts and skills developed in Concert Orchestra. Students enrolling in this course must possess the ability to perform intermediate to advanced string literature at the discretion of the conductor. We perform a variety of music and work with guest artists as available. Performances are scheduled as part of the class throughout the school year. Students in Chamber Orchestra have additional opportunities for performance outside of the class structure including Pit Orchestra, Symphony Orchestra, Solo/Ensemble Festival, State Solo/Ensemble Festival, Pep Band, and performances throughout the community.

CHORAL ENSEMBLE 1 (Choral Ensemble Soprano-Alto 1 - 6215; Choral Ensemble Tenor 1 - 6220)

Prerequisite: None

Course Fee: \$10

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Sing a variety of musical styles and genres as you develop your voice at the high school. Students rehearse in a combined Soprano-Alto and Tenor-Baritone choir, performing both together and separate groups throughout the course of the year. This choir participates in the Fall Vocal Concert, Holiday Concert at St. Bernard's, Festival of the Arts, Dessert Concert and Pops Concert. ***Students enrolled in Choral Ensemble 1 must also take Choral Ensembles 2 and 3.**

CHORAL ENSEMBLE: SOPRANO-ALTO 2 & 3 (Chor Ens Soprano-Alto 2 - 6216; Chor Ens Soprano-Alto 3 - 6217)

CHORAL ENSEMBLE: TENOR-BARITONE 2 & 3 (Chor Ens Tenor 2 - 6225; Chor Ens Tenor 3 - 6226)

Prerequisite: None

Course Fee: \$10

Grade Level: 9-12

Course Detail: 2 Trimesters

Credit: 0.25 each Trimester

*This course will meet every other day during Trimesters 2 & 3 and will alternate with Health (freshman) or Money 101 (sophomores). This course is a continuation of Choral Ensemble 1.

MUSIC

CLASS GUITAR (Class Guitar - 6110)

Prerequisite: Acoustic guitar or rent a guitar from WHS
Course Fee: None Grade Level: 9-12

Course Detail: 1 Trimester
Credit: 0.5

Learn to play the guitar! No experience required. Students will develop basic technique in multiple styles, learn to read and write three forms of music notation, and study the history of the instrument and its influence on music history. This course is designed for aspiring guitarists with little to no prior knowledge or skill. Students who already play the guitar should consider taking School of Rock.

CONCERT BAND 1 (Concert Band 1 - 6280)

Prerequisite: None
Course Fee: \$10 & Inst Rental Grade Level: 9-12

Course Detail: 1 Trimester
Credit: 0.5

Develop your skills and technique on an instrument through performance within a large ensemble. Through the beginning of the year, students will perform for the entire Varsity sporting events with the marching band, developing a field show that will be performed at half-time. Students will then transition into concert band where attention will be set on developing individual technique and skill on their instrument, learning musical literacy skills, and developing their overall musicianship. Students will have the opportunity to have private lessons throughout the year, and individual growth and development will be tracked and assessed using SmartMusic. ***Students enrolled in Concert Band 1 must also take Concert Band 2/3.**

CONCERT BAND 2 & 3 (Concert Band 2 - 6281; Concert Band 3 - 6282)

Prerequisite: None
Course Fee: \$10 & Inst Rental Grade Level: 9-12

Course Detail: 2 Trimesters
Credit: 0.25 each Trimester

*This course will meet every other day during Trimesters 2 & 3 and will alternate with Health (freshman) or Money 101 (sophomores). A continuation of Concert Band 1, students will further work on their individual technique and ensemble playing in this developing group. Students will perform as a part of a large ensemble, working on a variety of different styles culminating in a Winter Concert. In addition to continuing working on large-ensemble music pieces, students will work on their own solo music as well as possible chamber music to be performed at the District Solo/Ensemble Festival. Students will participate in private lessons, and learn a variety of musical skills and techniques to further their development on their instrument and within the large ensemble.

CONCERT CHOIR (Concert Choir 1 - 6240; Concert Choir 2 - 6245; Concert Choir 3 - 6250)

Prerequisite: Audition
Course Fee: \$10 Grade Level: 10-12

Course Detail: 3 Trimesters
Credit: 1.5

Sing in Watertown High School's most advanced vocal performance ensemble. Concert Choir is open to students by audition only. Perform a wide variety of advanced/collegiate level vocal literature in this mixed group of singers. Individual achievement is encouraged through private voice lessons and Solo Ensemble participation. This choir performs in the Fall Vocal Concert, Holiday Concert, Festival of the Arts, Showcase Concert and Pops Concert. ***Students enrolled in Concert Choir 1 must also take Concert Choir 2 and 3.**

MUSIC

CONCERT ORCHESTRA 1 (Concert Orchestra 1 - 6270)

Prerequisite: Audition

Course Fee: \$10 & Instr Rental

Grade Level: 9-10

Course Detail: 1 Trimester

Credit: 0.5

Concert Orchestra is an intermediate group where students develop the skills necessary to move towards our advanced group. It is designed for string players who have prior string experience, either from participating in a prior school program or private study. Students learn a variety of music and work with guest artists as available. The ensemble performs four concerts throughout the year and has the opportunity for additional performances beyond the classroom. This includes a Symphony experience, pit orchestra, Solo/Ensemble, State Solo/Ensemble, Pep Band, and performances throughout the community. ***Students enrolled in Concert Orchestra must also take Concert Orchestra 2/3.**

CONCERT ORCHESTRA 2 & 3 (Concert Orchestra 2 - 6273; Concert Orchestra 3 - 6275)

Prerequisite: Concert Orchestra 1

Course Fee: \$10 & Instr Rental

Grade Level: 9-10

Course Detail: 2 Trimesters

Credit: 0.25 each trimester

*This course will meet every other day during Trimesters 2 & 3 and will alternate with Health (freshman) or Money 101 (sophomores). This course is a continuation of Concert Orchestra 1.

JAZZ ENSEMBLE 1 (Jazz Ensemble 1 - 6320)

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Get the chance to play and perform a different style of music. Students will explore the many different styles within jazz, including swing, latin, and funk through performance and listening. Students will have the opportunity to work with more creative aspects in jazz through work with improvisation and soloing. This ensemble is composed of traditional big band jazz instrumentation and includes saxophones, trombones, trumpets, piano, bass, guitar, and drum set.

JAZZ ENSEMBLE 2 (Jazz Ensemble 2 - 6330)

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Students will explore the many different styles within jazz, including swing, latin, and funk through performance and listening. Students will have the opportunity to work with more creative aspects in jazz through work with improvisation and soloing. This ensemble is open to all instruments.

MUSIC

SCHOOL OF ROCK (School of Rock - 6355)

Prerequisite: HS music course; ability to sign or play an instrument

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

Form a band and learn the history of popular music in this interactive music history course. Students will study the evolution of popular music from the 1950s, 1960s, and 1970s. Small rock bands will be formed as students learn to perform music from the historical periods they are studying. Teams will also learn about compositional elements within Rock and compose their own music with the class. Basic sound design and recording will also be covered to simulate real world experiences.

SELECT VOICES (Select Voices 1 - 6230; Select Voices 2 - 6232; Select Voices 3 - 6235)

Prerequisite: Audition

Course Detail: 3 Trimesters

Course Fee: \$10

Grade Level: 10-12

Credit: 1.5

Sing a variety of 3 and 4 part treble music in this choir of all female students. Select Voices is the intermediate level choir for female students at Watertown High School. This choir performs in the Fall Vocal Concert, Holiday Concert at St. Bernard's, Festival of the Arts, Showcase Concert and Pops Concert. Solo Ensemble and private voice lessons are highly encouraged. ***Students enrolled in Select Voices 1 must also take Select Voices 2 and 3.**

SOUNDSCAPES (Soundscapes - 6120)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5 (CTE Credit)

Create your own music in this technology based composition course. Using professional grade software, students will expand their understanding of musical concepts including melody, harmony, rhythm, form, arranging, and composition. In addition, students will explore and discuss the history of music technology, copyright law, and career options in the music industry. **This course counts as a career and technical education credit.*

SYMPHONIC BAND 1 (Symphonic Band 1 - 6295)

Prerequisite: Audition

Course Detail: 1 Trimester

Course Fee: \$10 & Instr Rental

Grade Level: 9-12

Credit: 0.5

Develop your skills and technique on an instrument through performance within a large ensemble. Through the beginning of the year, students will perform for all of the Varsity sporting events with the marching band, developing a field show that will be performed at half-time. Students will then transition into concert band where attention will be set on developing individual technique and skill on their instrument, learning musical literacy skills, and developing their overall musicianship. Students will perform as a part of a large ensemble, working on a variety of different styles culminating in a Winter Concert. Students will have the opportunity to have private lessons throughout the year, and individual growth and development will be tracked and assessed using SmartMusic. ***Students enrolled in Symphonic Band 1 must also take Symphonic Band 2/3.**

MUSIC

SYMPHONIC BAND 2 & 3 (Symphonic Band 2 - 6296; Symphonic Band 3 - 6297)

Prerequisite: Audition

Course Detail: 2 Trimesters

Course Fee: \$10 & Instr Rental

Grade Level: 9-12

Credit: 0.25 each Trimester

*This course will meet every other day during Trimesters 2 & 3 and will alternate with Health (freshman) or Money 101 (sophomores). A continuation of Symphonic Band 1, students will further work on their individual technique and ensemble playing in this developing group. In addition to continuing working on large-ensemble music pieces, students will work on their own solo music as well as possible chamber music to be performed at the District Solo/Ensemble Festival. Students will participate in private lessons, and learn a variety of musical skills and techniques to further their development on their instrument and within the large ensemble.

WIND SYMPHONY (Wind Symphonic 1 - 6300; Wind Symphonic 2 - 6305; Wind Symphonic 3 - 6310)

Prerequisite: Audition

Course Detail: 3 Trimesters

Course Fee: \$10 & Instr Rental

Grade Level: 10-12

Credit: 1.5

Challenge yourself to perform collegiate level band literature in this advanced ensemble. Students will work as a team to prepare and perform at Varsity sporting events throughout Marching Band season; the first 6 weeks of the school year. Transitioning to concert music in mid-October, students work to develop an ensemble sound, study the art of practice, begin private lessons, and prepare for both a Fall Concert and the annual St. Bernard's Holiday Concert. Musical selections challenge students to improve literacy of mixed, compound, and asymmetrical meter, develop technical mastery of their instrument, and learn basic music theory. Wind Symphony members will work on solo literature in private lessons and participate in at least one festival event, quintet or smaller. Students will also have the opportunity to perform in the Memorial Day parade and are required to perform at Graduation. Individual year-long growth will be assessed with Smart Music. ***Students enrolled in Wind Symphony 1 must also take Wind Symphony 2 and 3.**

OTHER

ACADEMIC DECATHLON (Academic Decathlon - 4075)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

The purpose of the US Academic Decathlon is to develop and provide academic competitions, curriculum, and assessment to promote learning and academic excellence through teamwork among students of all achievement levels. Academic Decathlon is structured to provide students with a comprehensive, cross-curricular exposure to an in-depth, college level investigation of an annually pre-determined topic. Academic Decathlon is offered only during the first trimester of each academic year. The following subjects are covered: Art, Economics, Mathematics, Language & Literature, Music, Social Science, and Science. Students will be expected to attend study sessions that will be held outside of the regular school day. Students will be expected to compete in academic competitions that include testing, public speaking, and essay writing.

INDEPENDENT STUDY (Independent Study - 0060)

Prerequisite: Attendance & Grades

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

When the needs and interest of the student indicate goals that cannot be satisfied within the limits of the current curriculum and/or time structure, the student may enter into a contract with a teacher in the subject area of his/her expressed interest. Such a contract shall indicate goals to be achieved, the learning activities to be experienced, an approximation of the necessary time involvement, the methods of evaluation and the credit to be awarded. Credit can be granted only upon the approval of the principal. Independent Study applications are available in the Student Services Office and must be approved by the principal no later than the third day of the trimester. No more than one Independent Study may be taken each year and not during the same trimester as a study hall. Students must have no unexcused absences, no F grades, and no referrals from the previous trimester.

STUDY HALL (Study Hall 1 (Tri 1) - 0055; Study Hall 2 (Tri 2) - 0056; Study Hall 3 (Tri 3) - 0057)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0

Students in the class of 2018, 2019, and 2020 may register for a study hall for two trimesters. Students in the class of 2021 and beyond are not eligible for a study hall and must register for five classes per trimester.

PHYSICAL EDUCATION/HEALTH

Course Name	Course Number	9	10	11	12	Prerequisite
Adaptive Physical Education Mentor	9216/9217/9218		X	X	X	X
Aerobic Fitness	9300		X	X	X	X
Freshman Physical Education/Early Bird PE	9190/9191	X				
Health Education/Early Bird Health/Health (Music)	9220/9221/9230	X				
Healthy You, Healthy Lifestyle	9305	X	X	X	X	
Lifetime Fitness (Winter)	9310		X	X	X	X
Lifetime Sports (Fall or Spring)	9315		X	X	X	X
Personal Health & Wellness CAPP	9320	X	X	X	X	
Racquet Sports	9325		X	X	X	X
Speed & Weight Training	9192	X	X	X	X	
Team Sports	9330		X	X	X	X

All students are required to take 1.5 total credits of Physical Education to graduate. Each trimester of Physical Education Class is worth .5 credit. All classes may be repeated for multiple elective credits.

Required:

- 1 trimester of physical education during grade 9 which is required by all freshmen titled: Freshman Physical Education Course.
- 1 trimester of physical education during grade 10.
- 1 trimester of physical education during grade 11 or 12.

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

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

Fee: One time high school (4 year) heart rate monitor strap and combination lock - \$20.

Replacement Fee: Heart rate monitor strap - \$15 or combination lock fee - \$6

ADAPTIVE PHYSICAL EDUCATION MENTOR (Mentor 1 - 9216; Mentor 2 - 9217; Mentor 3 - 9218)

Prerequisite: Application Process

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5 (Elective)

Students can receive an elective credit as a class helper in the Adaptive Physical Education class. If you are looking for a rewarding experience where you can work one on one with a student who may need assistance, this is a great opportunity. You MUST fill out an application to be considered for this class. See Ms. Jansen if you are interested in this opportunity. No heart rate strap or lock is required.

AEROBIC FITNESS (Aerobic Fitness - 9300)

Prerequisite: Physical Education 9

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

If you are looking for a course based on strength, flexibility, and fitness that will help tone your muscles as well as increase your core strength, this popular class is perfect for you. Total body fitness will be developed through the practice of yoga, Pilates, step aerobics, Swiss ball, circuit training, T25, P90X and many other great workouts.

PHYSICAL EDUCATION/HEALTH

FRESHMAN PHYSICAL EDUCATION (Phy Ed 9 - 9190; EB Phy Ed 9 - 9191)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9

Credit: 0.5

This required class for all freshmen includes the basic rules and techniques for many field sports, racquet sports, and weight training techniques. These include: basketball, badminton, floor hockey, football, pickleball, tennis, volleyball, and weight training.

Early Bird Option: This class will allow freshman students to take more classes during the school day. Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

HEALTH EDUCATION (Health - 9220, EB Health - 9221, Health (Music) - 9230)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9

Credit: 0.5

Concentrates on personal health and changes physically, emotionally, and socially that occur during the teen years. You will be able to better understand yourself and improve your decision making skills in developing a health positive lifestyle.

Early Bird Option: This class will allow freshman students to take more classes during the school day. Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

HEALTHY YOU, HEALTHY LIFESTYLE (Healthy You, Healthy Lifestyle - 9305) ***Not in lieu of Freshman PE**

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: \$20

Grade Level: 9-12

Credit: 0.5

Learn how to maintain or achieve a healthy body by eating wisely and exercising! Your nutrition and fitness habits will continue to affect your life. This offers both exercise and learning and how to make healthy food choices and prepare healthy foods. You will learn how to make healthy foods and maintain a strong body by toning, aerobics, Pilates, flexibility and yoga, circuits, aerobics activity.

LIFETIME FITNESS - WINTER (Lifetime Fitness - Winter - 9310)

Prerequisite: Physical Education 9

Course Detail: 1 Trimester

Course Fee: \$25 Bowling Fee

Grade Level: 10-12

Credit: 0.5

These lifetime activities can be enjoyed for years and years to come. Cross Country skiing, snow shoeing, broomball are popular winter activities. Pickleball, yoga/Pilates, bowling, and volleyball will round out this trimester winter course.

LIFETIME SPORTS - FALL OR SPRING (Lifetime Sports - 9315)

Prerequisite: Physical Education 9

Course Detail: 1 Trimester

Course Fee: \$25 Bowling Fee

Grade Level: 10-12

Credit: 0.5

These lifetime activities can be enjoyed for years and years to come. Biking, bowling, fitness walking, tennis, disc golf and golf.

PHYSICAL EDUCATION/HEALTH

PERSONAL HEALTH & WELLNESS CAPP (Personal Health/Fitness CAPP - 9320) ***Not in lieu of Freshman PE**

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

This elective credit course includes units in fitness workouts, yoga, and Pilates. Instruction in the techniques of CPR, AED, and First Aid are a part of this course. Also a variety of wellness topics will be researched and presented. This course also includes a CAPP option for the American Red Cross CPR-AED-First Aid course through UW-Oshkosh. *CAPP college credit option is in progress for the 17-18 school year. The cost for the 3 credit class is approx. \$300. UW-Oshkosh determines the tuition cost in August.

RACQUET SPORTS (Racquet Sports - 9325)

Prerequisite: Physical Education 9

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

If you enjoy pairing up as a duo to play tennis, badminton, pickleball, soft tennis or you enjoy small team racquet sports such as eclipse ball or Lacrosse that is the class for you! Take your previous knowledge of these court games and get your heart rate up in some competitive matches.

SPEED AND WEIGHT TRAINING (Speed/Weight Training - 9192) ***Not in lieu of Freshman PE**

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

A lifelong fitness course designed to teach students how to use all aspects of the fitness center, research the effects of weight training on your heart, and design a weight lifting program to meet their body's needs. The course also focuses on speed training and the effects of running on their heart, weight, and muscles.

TEAM SPORTS (Team Sports - 9330)

Prerequisite: Physical Education 9

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

This action packed course is based on quality competition in a team setting. Softball, football, floor hockey, basketball, indoor/outdoor soccer, ultimate Frisbee, eclipse ball, and volleyball. Teams are set the first week, techniques and strategies practiced from previous knowledge, and then scores and standings are kept through the trimester.

SCIENCE

Course Name	Course Number	9	10	11	12	Prerequisite
AP Biology 1	2130			X	X	X
AP Biology 2	2135			X	X	X
AP Chemistry 1	2170			X	X	X
AP Chemistry 2	2175			X	X	X
Anatomy & Physiology 1	2100			X	X	X
Anatomy & Physiology 2	2105			X	X	X
Biology 1	2020	X				
Biology 2	2040	X				
Chemistry 1	2140		X	X	X	X
Chemistry 2	2150		X	X	X	X
Earth Science	2275			X	X	X
Environmental Science	2280			X	X	X
General Physics CAPP 1	2200			X	X	X
General Physics CAPP 2	2205			X	X	X
Genetics	2250			X	X	X
Honors Biology 1	2010	X	X	X	X	
Honors Biology 2	2015	X	X	X	X	
Honors Chemistry 1	2155		X	X	X	X
Honors Chemistry 2	2156		X	X	X	X
Honors Physics 1	2195		X	X	X	X
Honors Physics 2	2196		X	X	X	X
Integrated Chemistry	2000		X	X	X	
Integrated Physics	2001		X	X	X	
Microbiology	2080			X	X	X
Physics 1	2180		X	X	X	X
Physics 2	2190		X	X	X	X
PLTW: Principles of Biomedical Science 1	2110	X	X	X	X	
PLTW: Principles of Biomedical Science 2	2115	X	X	X	X	X
PLTW: Human Body Systems 1	2120		X	X	X	
PLTW: Human Body Systems 2	2125		X	X	X	X

Three credits are required for Graduation
(1 credit Biology, 1 credit Physical Science, and 1 credit Elective)

SCIENCE

AP BIOLOGY 1 (AP Biology 1 - 2130)

Prerequisite: Biology & Chemistry

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This full year course is offered as a second year of biology allowing students to experience the pace and rigor of college-level science instruction. Topics covered will include molecules and cells (chemistry of life, cell structure and function, and cellular energetics), heredity and evolution (heredity, molecular genetics, and evolutionary biology), and organisms and populations (diversity of organisms, structure and function of plants and animals, and ecology). Extensive laboratory work is involved and will require some out of class time. Completion of this course will prepare students to take the AP Biology exam. Dissections will be a required part of this course. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP BIOLOGY 2 (AP Biology 2 - 2135)

Prerequisite: Biology & Chemistry

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

AP Biology 2 is a continuation of AP Biology 1. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP CHEMISTRY 1 (AP Chemistry 1 - 2170)

Prerequisite: Chemistry or Honors Chemistry - grade B or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This full year course is offered as a second year of chemistry allowing students to experience the pace and rigor of college-level science instruction. Topics covered will include the structure of matter (atomic theory, bonding, and nuclear chemistry), states of matter (gases, liquids and solids, and solutions), and reactions (reaction types, stoichiometry, equilibrium, kinetics and thermodynamics). Extensive laboratory work is involved. Completion of this course will prepare students to take the AP Chemistry exam. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP CHEMISTRY 2 (AP Chemistry 2 - 2175)

Prerequisite: AP Chemistry 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

AP Chemistry 2 is a continuation of AP Chemistry 1. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

SCIENCE

ANATOMY & PHYSIOLOGY 1 (Anat & Phys 1 - 2100) *Will not run for 2017-2018; see e-Campus or PLTW: HBS

Prerequisite: Biology

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course is a writing intensive college preparatory class design to prepare students interested in the medical and/or biological sciences. The organization and behavior of the body at the cellular, tissue, and systemic levels are addressed in regards to histology, integumentary system, the skeletal system, and the muscular system. Reasoning skills and critical thinking skills are emphasized with particular emphasis placed on the relationship between systems. Dissections will be a required part of this course.

ANATOMY & PHYSIOLOGY 2 (Anat & Phys 2 - 2105) *Will not run for 2017-2018; see e-Campus or PLTW: HBS

Prerequisite: Anatomy & Physiology 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course is a continuation of Anatomy & Physiology 1 and may not be taken without successful completion of Anatomy & Physiology 1. Students will study the following systems in depth: circulatory system, respiratory system, digestive system, and nervous system. Dissections will be a required part of this course.

BIOLOGY 1 (Biology 1 - 2020)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9

Credit: 0.5

This full year course may be taken by any 9-12 grade student to fulfill their biology graduation requirement and lab science requirement for college entrance. Concepts are developed through lecture, discussion, media, class activities and labs. Topics covered include: scientific method, ecology, cellular organization, population biology, genetics, evolution, and animal body systems.

BIOLOGY 2 (Biology 2 - 2040)

Prerequisite: Biology 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9

Credit: 0.5

Biology 2 is a continuation of Biology 1. Dissections will be done during this trimester.

CHEMISTRY 1 (Chemistry 1 - 2140)

Prerequisite: Algebra - Grade of C or higher is strongly encouraged

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-11

Credit: 0.5

This course requires a strong background in both math and science. Chemistry concepts require mathematical problem solving, so students must have a thorough understanding of ratios, percents, exponents, and algebra prior to taking the course. Chemistry is a discussion of the structure and behavior of matter. Topics include the atomic theory, chemical bonding, chemical reactions, nuclear chemistry, solutions, acids and bases, and organic chemistry. Material is covered using a lecture/lab approach. Students will also complete several self-directed lab projects. Chemistry fulfills the physical science requirement for graduation as well as college entrance. *Students must pass Chemistry 1 to enroll in Chemistry 2.

SCIENCE

CHEMISTRY 2 (Chemistry 2 - 2150)

Prerequisite: Chemistry 1

Course Fee: None

Grade Level: 10-11

Course Detail: 1 Trimester

Credit: 0.5

Chemistry 2 is a continuation of Chemistry 1.

EARTH SCIENCE (Earth Science - 2275)

Prerequisite: Biology or Integrated Physics or Chemistry

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This is a trimester course designed to cover topics of interest in the field of the earth sciences. Topics include mineralogy and petrology, earth movements (glaciations and mass movements in particular), earth formation (glacial and erosion especially), cosmology, and plate tectonics. Every effort will be made to correlate the learned concepts to Wisconsin features.

ENVIRONMENTAL SCIENCE (Environmental Science - 2280)

Prerequisite: Biology & Chemistry or Integrated Chemistry

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

The goal of the Environmental Science class is to provide students with scientific principles, concepts and methodologies required to understand the interrelationships of the natural world. Students will identify and analyze nature and human-made environmental problems and will examine alternative solutions for resolving and/or preventing such environmental issues. Emphasis is placed on a comprehensive approach to environmental science using case studies, laboratory exercises, and environmental monitoring to reinforce scientific principles.

GENERAL PHYSICS CAPP 1 (CAPP Physics 1 - 2200)

Prerequisite: Physics or Honors Physics 1 & 2

Course Fee: Tuition

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course is offered as a second year of physics allowing students to experience the pace and rigor of college-level science instruction. Treatment of the content is done at a higher level of abstraction, and more emphasis is placed on numerical/algebraic problem solving than during Physics 1 & 2. General topics include Newtonian mechanics, thermal physics, electricity and magnetism, and waves and optics. Students enrolled are eligible for 5 college credits if they meet certain requirements. For details, see Mr. Cooksey. This course is offered through the University of Wisconsin – Oshkosh. The cost for the 5 credit class is approx. \$500. UW-Oshkosh determines the tuition cost in August.

GENERAL PHYSICS CAPP 2 (CAPP Physics 2 - 2205)

Prerequisite: General Physics CAPP 1

Course Fee: Tuition

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

General Physics CAPP 2 is a continuation of General Physics CAPP 1. This course is offered through the UW – Oshkosh. The cost for the 5 credit class is approx. \$500.

SCIENCE

GENETICS (Genetics - 2250)

Prerequisite: Biology & Chemistry/Integrated Chemistry

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This class will serve as an introductory and enrichment course for students seeking an extra trimester of science. Course study will focus on areas such as Mendelian genetics, structure and function of DNA, protein synthesis and real world applications of genetics, including Biotechnology and Forensics. This course can serve as a partial third year science class for students not taking college prep classes.

HONORS BIOLOGY 1 (Honors Biology 1 - 2010)

Prerequisite: None

Course Fee: None

Grade Level: 9

Course Detail: 1 Trimester

Credit: 0.5

Honors Biology is a full year introductory course in biology that covers the topics of cell biology, genetics, ecology, and biological diversity. Encountered in the study of these topics are the themes of evolution, homeostasis, flow of energy, the levels of organization, and the structure and function of living things.

HONORS BIOLOGY 2 (Honors Biology 2 - 2015)

Prerequisite: Honors Biology 1

Course Fee: None

Grade Level: 9

Course Detail: 1 Trimester

Credit: 0.5

Honors Biology 2 is a continuation of Honors Biology 1. Dissections will be done during Honors Biology 2.

HONORS CHEMISTRY 1 (Honors Chemistry 1 - 2155)

Prerequisite: Teacher Recommendation

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

This course requires a strong background in both math and science. Chemistry concepts require mathematical problem solving, so students must have a thorough understanding of ratios, percents, exponents, and algebra prior to taking the course. Chemistry is a discussion of the structure and behavior of matter. Topics include the atomic theory, chemical bonding, chemical reactions, nuclear chemistry, solutions, acids and bases, and organic chemistry. Material is covered using a lecture/lab approach. Students will also complete several self-directed lab projects. Honors Chemistry fulfills the physical science requirement for graduation as well as college entrance.

HONORS CHEMISTRY 2 (Honors Chemistry 2 - 2156)

Prerequisite: Teacher Recommendation, Honors Chemistry 1

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Honors Chemistry 2 is a continuation of Honors Chemistry 1.

SCIENCE

HONORS PHYSICS 1 (Honors Physics 1 - 2195)

Prerequisite: Algebra & Geometry

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Honors physics is a course that deals with matter and energy in the study of forces, motion, light, sound, heat and electricity. Emphasis is placed on developing an understanding of scientific methodologies and their use in developing mathematical models to represent the physical world. Emphasis is placed on algebraic solutions to problems as opposed to numerical answers. The pace and scope of Honors Physics 1 & 2 and its attention to algebraic problem solving is what separates it from Physics 1 & 2.

HONORS PHYSICS 2 (Honors Physics 2 - 2196)

Prerequisite: Honors Physics 1

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Honors Physics 2 is a continuation of Honors Physics 1.

INTEGRATED CHEMISTRY (Integrated Chemistry - 2000)

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

This full year course (Integrated Chemistry & Integrated Physics) presents principles and concepts of physical and earth science. Students must register for both Integrated Chemistry (2000) and Integrated Physics (2001). Topics covered in Integrated Chemistry include the scientific method, structure of matter, chemical reactions, radioactivity, and cosmology.

INTEGRATED PHYSICS (Integrated Physics - 2001)

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

This full year course (Integrated Chemistry & Integrated Physics) presents principles and concepts of physical and earth science. Students must register for both Integrated Chemistry (2000) and Integrated Physics (2001). Topics covered in Integrated Physics include the scientific method, force and motion, energy, work and power, electricity, light, energy resources, sound, layers of the earth, and space science.

MICROBIOLOGY (Microbiology - 2080)

Prerequisite: Biology: grade C or higher; Chemistry recommended

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course will serve as an introductory and enrichment course for students seeking an extra trimester of science. Course study will focus on microorganisms, including cell chemistry, cellular structures and functions, and cell genetics. Microbes such as bacteria, viruses and fungi will be studied. Microbes, as they relate to human diseases, will be explored. A research paper will be written during the trimester. This course is a good preparation for health/medical careers.

SCIENCE

PHYSICS 1 (Physics 1 - 2180)

Prerequisite: Algebra or Geometry

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Physics is a course that deals with matter and energy in the study of forces, motion, light, sound, heat and electricity. Emphasis is placed on developing an understanding of scientific methodologies and their use in developing mathematical and conceptual models to represent the physical world. Emphasis is placed on conceptual and numerical solutions to problems as opposed to algebraic solutions.

PHYSICS 2 (Physics 2 - 2190)

Prerequisite: Physics 1

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Physics 2 is a continuation of Physics 1.

PLTW: PRINCIPLES OF BIOMEDICAL SCIENCE 1 (PLTW: Principles of Biomed 1 - 2110)

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Students explore concepts of biology and medicine to determine factors that led to the death of a fictional person. While investigating the case, students examine autopsy reports, investigate medical history, and explore medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, basic biology, medicine, and research processes while allowing them to design their own experiments to solve problems. Place-based experiences may require students to be off campus for extended class periods or days. *This course does not meet Biology graduation requirement, but can be taken concurrently with Biology.

PLTW: PRINCIPLES OF BIOMEDICAL SCIENCE 2 (PLTW: Principles of Biomed2 - 2115)

Prerequisite: PLTW: Principles of Biomedical Science 1

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

This course is a continuation of PLTW: Principles of Biomedical Science 1. Students may be eligible for college credit at cooperating post-secondary schools depending on the final grade and the score on the end of the course assessment. *This course does not meet Biology graduation requirement, but can be taken concurrently with Biology.

PLTW: HUMAN BODY SYSTEMS 1 (PLTW: Human Body Systems 1 - 2120)

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Exploring science in action, students build organs and tissues on a skeletal Maniken®; use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration; and take on the roles of biomedical professionals to solve real-world medical cases. Students will also learn anatomy and physiology through units such as identity, power, communication, movement, and protection. Place-based experiences may require students to be off campus for class.

SCIENCE

PLTW: HUMAN BODY SYSTEMS 2 (PLTW: Human Body Systems 2 - 2125)

Prerequisite: PLTW: Human Body Systems 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

This course is a continuation of PLTW: Human Body Systems 1. Students may be eligible for college credit depending on the final grade and the score on the end of the course assessment.

SOCIAL STUDIES

Course Name	Course Number	9	10	11	12	Prerequisite
AP Art History 1 (See Art Dept)	6097		X	X	X	
AP Art History 2 (See Art Dept)	6098		X	X	X	X
AP European History 1/EB AP Euro Hist	4185/4196			X	X	X
AP European History 2/EB AP Euro Hist	4195/4197			X	X	X
AP Macroeconomics	4110			X	X	
AP Microeconomics	4115			X	X	
AP Psychology 1	4130			X	X	
AP Psychology 2	4131			X	X	
AP United States History 1	4005		X			X
AP United States History 2	4025		X			X
AP World History 1	4090			X	X	
AP World History 2	4095			X	X	
American Problems	4040			X	X	
Area Studies	4200			X	X	
Economics	4100			X	X	
European History 1	4180			X	X	
European History 2	4190			X	X	
Global Problems	4046			X	X	
Government & Society 1	4030	X				
Government & Society 2	4035	X				
International Relations	4170			X	X	
Philosophy	4135			X	X	
Psychology	4120			X	X	
Sociology 1	4140			X	X	
Sociology 2	4141			X	X	X
United States History 1	4000		X			
United States History 2	4020		X			
World History 1	4080			X	X	
World History 2	4085			X	X	

Three credits of Social Studies are required for Graduation.
(Government 1 & 2, US History 1 & 2, and 1 credit elective)

AP EUROPEAN HISTORY 1 (AP European History 1 - 4185; EB AP European History 1 - 4196)

Prerequisite: US History 1 & 2

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course covers generally the Late Middle Ages to the Age of Absolutism, approximately 1300 A.D. - 1700 A.D. The course content and learning activities will prepare students to take the AP Exam for possible college credit. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

*Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

SOCIAL STUDIES

AP EUROPEAN HISTORY 2 (AP European History 2- 4195; EB AP European History 2 - 4197)

Prerequisite: AP European History 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course covers generally 1700 - present. The course content and learning activities will prepare students to take the AP Exam for possible college credit. The course is finalized with an extensive living history museum project. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.) *Early Bird class will meet daily for one semester (90 days) from 6:45 a.m. - 7:35 a.m. A minimum of 20 students must register and due to staffing, no students may drop this course after the course selection process.

AP MACROECONOMICS (AP Macroeconomics - 4110)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

The purpose to study macroeconomics is to understand the world in which you live, to make you a more intelligent participant in the economy, and to give you an understanding of both the potential and limits of economic policy. Topics discussed in this course will include basic economic concepts, an analysis of national income and its components, unemployment and inflation, the financial sector, stabilization policies, economic growth and productivity, and international economics. This course also promotes an understanding of economic activity and the evaluation of the determinants of an economy and the economic decisions made by policy makers. Students will also learn how to generate, interpret, and analyze charts and graphs to describe economic concepts. The course is designed to prepare students to take the AP exam for college credit and has no prerequisites. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP MICROECONOMICS (AP Microeconomics - 4115)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This course is an introduction to microeconomics. Microeconomics introduces students to the cost-benefit analysis that is the economic way of thinking. This analysis is used to understand smaller segments of the economy - specifically, consumers and producers - as they interact in output markets and resource markets, and to understand the government's impact on these specific economic units. The course is designed to prepare students to take the AP exam for college credit and has no prerequisites. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP PSYCHOLOGY 1 (AP Psychology 1 - 4130)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

This is an in-depth study of the basic elements of psychology, its theories, models, and frameworks of analysis. The class will emphasize writing and analytical skills. It will also provide first-hand experience in the application of psychological principles. The course content and learning activities will prepare students to take the AP Exam for possible college credit. (NOTE: The cost of the AP Exam is approx. \$90.00.)

SOCIAL STUDIES

AP PSYCHOLOGY 2 (AP Psychology 2 - 4131)

Prerequisite: AP Psychology 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

AP Psychology 2 is a continuation of AP Psychology 1.

(NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP UNITED STATES HISTORY 1 (AP US History 1 - 4005)

Prerequisite: Government & Society 1 & 2

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

This course is designed to prepare students to take the AP exam for possible college credit. The topics covered will be from Discovery and Settlement to Imperialism. Students will learn to assess historical materials and their relevance to a given interpretive problem. The course will develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Reading and interest levels must be high.

(NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP UNITED STATES HISTORY 2 (AP US History 2 - 4025)

Prerequisite: AP United States History 1

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

This course is a continuation of AP US History 1 and covers the period from World War I to the Present. The course content and learning activities will prepare students for the AP Exam and possible college credit.

(NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AP WORLD HISTORY 1 (AP World History 1 - 4090)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

The AP World History course focuses on developing students' understanding of world history from approximately 8000 B.C.E to the present. The course has students investigate the content of world history for significant events, individuals, developments, and processes in six historical periods, and develop and use the same thinking skills and methods (analyzing primary and secondary sources, making historical comparisons, chronological reasoning, and argumentation) employed by historians when they study the past. The course also provides five themes (interaction, between humans and the environment; development and interaction of cultures; state building, expansion, and conflict; creation, expansion, and interaction of economic systems; and development and transformation of social structures) that students explore throughout the course in order to make connections among historical developments in different times and places encompassing the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

SOCIAL STUDIES

AP WORLD HISTORY 2 (AP World History 2 - 4095)

Prerequisite: AP World History 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course is a continuation of AP World History 1. (NOTE: The cost of the AP Exam is approx. \$90.00 for each student who chooses to take the exam.)

AMERICAN PROBLEMS (American Problems - 4040)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

The American Problems course presents the students with an in-depth study of the current problems which may surround and affect them in their environment. In an attempt to understand and obtain solutions to these problems, the students will be required to observe and report on various groups or individuals at work in their community, to read articles dealing with these problems, and to make students more knowledgeable individuals in the communities that they will inhabit. This course is for students who have had difficulty earning Social Studies credit.

AREA STUDIES (Area Studies - 4200)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

In essence, this course is everything you might expect from a Geography or World Cultures course and then some. The first few weeks of the course are spent looking at "big picture" themes that dictate how humans interact not only with the world around them but also with one another (core geographic concepts, earth forces, population issues, water, weather, etc.). The rest of the course is spent applying those themes to specific regional, national, and cultural case studies in North America, Latin America, Africa, and/or Asia. We bring a lot of the other aspects of the various social sciences like culture, economics, history, politics, and sociology into this class as well.

ECONOMICS (Economics - 4100)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

With the recent economic activity, this course is an excellent choice for students who would like to extend their understanding of personal finance as it applies to current issues in society. The students will use basic economic principles and decision-making skills to understand the impact their individual choices have on their career options and future financial success. Real world topics covered will include: income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets; simulate the use of electronic checking and saving accounts; demonstrate comprehension of debt and credit management; and evaluate and understand insurance and taxes. This course will provide the ground work for making informed personal financial decisions and help Watertown students be successful in today's economy.

SOCIAL STUDIES

EUROPEAN HISTORY 1 (European History 1 - 4180)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course is a survey of the early history of man from approximately 2000 B.C. - 1550 A.D., focusing on European development. Topics included are: The Ancient World, Ancient Greece, The Roman Empire, Middle Ages, Renaissance, and Reformation. Students will be required to participate in a variety of assignments and learning activities including: writing analytical essays, historical re-enactments, student teaching, field trips, historical simulations, class discussions and debates, lectures, research papers, and examination of art, literature and drama from the different eras.

EUROPEAN HISTORY 2 (European History 2 - 4190)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

A survey of European History from 1550 A.D. - Present. Topics included are: Elizabethan England, Absolutism, The Enlightenment, The Era of Revolutions, Nationalism, Imperialism, World Wars, Cold War, and Europe Today. A variety of learning activities will be incorporated including; lectures, research papers, re-enactments, simulations, field trips, etc.

GLOBAL PROBLEMS (Global Problems - 4046)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

The Global Problems course presents the students with an in-depth study of the world issues which may surround and affect them in their environment. Please also see American Problems. This course is for students who have had difficulty earning Social Studies credit.

GOVERNMENT AND SOCIETY 1 (Govern/Society 1 - 4030)

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Government and Society is a two trimester course required of all students for graduation. It is usually taken in the freshman year, but must also be completed by students who transfer to WHS. The first trimester covers: citizenship, comparative government, political parties, propaganda, criminal justice, and diversity.

GOVERNMENT AND SOCIETY 2 (Govern/Society 2 - 4035)

Prerequisite: Government and Society 1

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Government and Society 2 covers: the colonization and roots of American democracy, the Constitution, the Bill of Rights, and the legislative, executive, and legislative branches of government.

SOCIAL STUDIES

INTERNATIONAL RELATIONS (International Relations - 4170)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course will focus on U.S. international relations with nations across the globe. Units include Africa, the Middle East, world economic development, nuclear warfare and terrorism. International current events will also be discussed daily.

PHILOSOPHY (Philosophy - 4135)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Introduction to Philosophy examines the basic questions every human grapples with: What is beauty? What is justice? How do I know right from wrong? How do I know what I know? What does it mean to exist? Does God exist? What is the meaning of life? In this course, we explore and analyze contemporary topics using analytic methods and metacognitive strategies. Specific attention is given to the six schools of Philosophy: logic, epistemology, metaphysics, philosophy of religion, ethics, and political philosophy. This is a college level course and emphasis is placed on the application of these strategies within the dynamic communities of college, career, and life.

PSYCHOLOGY (Psychology - 4120)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Have you ever wanted to know the answer to some of these questions: What is pseudoscience? Why do teens act differently than adults? Why do people become addicted to gambling? How can I study less and remember more? Why are so many soldiers diagnosed with Post Traumatic Stress Disorder? Is hypnosis real?! These questions and many more are discussed in this survey course of behavior and mental processes with emphasis on the scientific nature of contemporary psychological investigation. Topics discussed include research methods, the biology of behavior, sensation and perception, learning, memory, cognition, life-span development of behavior, abnormal behavior and its therapies, and individual differences.

SOCIOLOGY 1 (Sociology 1 - 4140)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course focuses on understanding human actions and interactions and how people become who they are. After starting with basic concepts of sociology, we discuss the following topics: culture, socialization, social interaction, groups, deviance, sexuality, family, education, and collective behavior. We end the trimester with an introduction to social inequality and the topics of the next trimester. This is an interactive course, based largely on participation.

SOCIAL STUDIES

SOCIOLOGY 2 (Sociology 2 - 4141)

Prerequisite: Sociology 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course is an extension of Sociology 1, mostly delving into new topics but also going into further detail on some topics discussed in Sociology 1. After a brief review of some basic concepts, we discuss the following topics: social inequality, social class in the U.S., race and ethnicity, global wealth and poverty, global gender issues and inequality, world societies, world cultures and religions (including Judaism, Christianity, Islam, Hinduism, Buddhism, Taoism, Confucianism, Animism, and others), and population and environmental issues. This is also an interactive course, based largely on participation, but may also include more projects.

UNITED STATES HISTORY 1 (US History 1 - 4000)

Prerequisite: None

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

A survey of American History beginning with the building of the Federal Republic after the Constitutional Convention. Special emphasis is placed on such events as early political growth, Jacksonian Democracy, the competing forces of sectionalism and nationalism, the Civil War, and aspects of the post-war period which enabled this country to become a world power. The survey will culminate at the end of WWI.

UNITED STATES HISTORY 2 (US History 2 - 4020)

Prerequisite: United States History 1

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

A survey of American History encompassing the period from the post WWI period to the Present. The study of domestic affairs traces political, economic, and social developments, emphasizing the more dramatic changes of the progressive movement, the New Deal, and the Great Society. The study of world affairs follows the emergence of the United States as a world power through two world wars into the Cold War era and beyond.

WORLD HISTORY 1 (World History 1 - 4080)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This survey class covers major developments in World History from the end of the Prehistoric Era to approximately 1500 A.D. Students will be introduced to ideas, government systems, cultures, and social workings of classic Western civilizations (Greece and Rome) as well as societies and empires in Africa, Asia, the Americas, and Eastern Europe. Students will discover how various civilizations interacted and influenced each other through economic exchange, military conquest, and cultural assimilation. Special focus will be given to world religions. Besides the content, students will learn a number of critical thinking and writing skills relevant to history as well as other social studies' disciplines. The skills that will be emphasized in this class include primary source analysis and ability to form effective and convincing argument orally and in writing.

SOCIAL STUDIES

WORLD HISTORY 2 (World History 2 - 4085)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This survey class covers major developments in World History from around 1500 A.D. to the present. Students will be introduced to ideas, government systems, cultures, and social workings of societies and empires in Africa, Asia, the Americas, and Eastern Europe. Students will discover how various civilizations interacted and influenced each other through economic exchange, military conquest, and cultural assimilation. Special focus will be given to world religions. Besides the content, students will learn a number of critical thinking and writing skills relevant to history as well as other social studies' disciplines. The skills that will be emphasized in this class include primary source analysis and ability to form effective and convincing argument orally and in writing.

TECHNOLOGY & ENGINEERING

Course Name	Course Number	9	10	11	12	Prerequisite	Course Fee
Design Pathways:							
Graphic Arts Technology: Intro	8560	X	X	X	X		X
Graphic Arts Technology: Printing	8575		X	X	X	X	X
Graphic Arts Technology: Production	8576		X	X	X	X	X
Video Broadcasting News	8577	X	X	X	X		
Video Production	8578	X	X	X	X	X	
Yearbook 1	8570			X	X		
Yearbook 2	8571			X	X		
Service Pathways:							
Advanced Construction 1	8650			X	X	X	X
Advanced Construction 2	8651			X	X	X	X
Automotive Technology 1	8965			X	X		
Automotive Technology 2	8975			X	X		
Geometry in Construction 1: Const	3250/8640	X	X	X	X		X
Geometry in Construction 2: Const	3255/8645	X	X	X	X	X	X
Home Maintenance	8567	X	X	X	X		X
Transportation, Small Gas Engines	8562	X	X	X	X		X
Production Pathways:							
Intro to CAD: Robotics	8820	X	X	X	X		X
Manufacturing: Advanced	8680		X	X	X	X	X
Manufacturing: Introduction	8660		X	X	X	X	X
Woods: Introduction	8580		X	X	X	X	X
Woods: Design	8600		X	X	X	X	X
Woods: Furniture & Cabinets	8620		X	X	X	X	X
Engineering Pathways:							
PLTW: Computer Integrated Manuf 1	8872		X	X	X	X	X
PLTW: Computer Integrated Manuf 2	8873		X	X	X	X	X
PLTW: Digital Electronics 1	8870			X	X		X
PLTW: Digital Electronics 2	8871			X	X	X	X
PLTW: Engineering Design & Dev 1	8874			X	X	X	X
PLTW: Engineering Design & Dev 2	8875			X	X	X	X
PLTW: Intro to Engineering Design 1	8852	X	X	X	X		
PLTW: Intro to Engineering Design 2	8853	X	X	X	X	X	
PLTW: Principles of Engineering 1	8850	X	X	X	X		
PLTW: Principles of Engineering 2	8851	X	X	X	X	X	

ADVANCED CONSTRUCTION 1 (Advanced Construct 1 - 8650)

Prerequisite: Home Maintenance & Intro to CAD

Course Fee: \$30 & Materials

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Advanced Construction will provide the student with a hands-on application of construction techniques. Students will be involved in (but not limited to) on the job training involving blueprint reading, rough framing, masonry, plumbing, electrical wiring, and carpentry.

TECHNOLOGY & ENGINEERING

ADVANCED CONSTRUCTION 2 (Advanced Construct 2 - 8651)

Prerequisite: Home Maintenance & Intro to CAD

Course Fee: \$30 & Materials

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Advanced Construction will provide the student with a hands-on application of construction techniques. Students will be involved in (but not limited to) on the job training involving blueprint reading, rough framing, masonry, plumbing, electrical wiring, and finish carpentry.

AUTOMOTIVE TECHNOLOGY 1 (Automotive Technology 1 - 8965)

Prerequisite: Auto Technician Career Major

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Semester

Credit: 0.5

This course conforms to ASE (Auto Service Excellence) scope and requirements and is for the student who wants to be an auto technician. The first year classroom includes Introduction to Safety, Brakes, Suspension & Steering, Electrical, and Engine Performance. Theory and proper use of hand tools, electrical test equipment and fasteners are emphasized. ASE certification and testing will be a part of this course. If you are a junior and complete the course with a C or above, you will then have the option of continuing your training your senior year at the Madison College-Truax campus in the Automotive program. With both courses, you will be not only attaining high school credit, but also credit towards the Madison College Automotive program. Credit will be based on your course work, on the job experience and ASE Certification testing.

NOTE: This course is a full year course and is held at Jefferson High School on Mondays from 6 p.m. - 9 p.m. An application can be obtained from Mr. Foley (S225) and an interview will be required. Students/Parents are responsible for transportation to and from Jefferson High School. Release time will not be given to students enrolling in this class as it is offered outside of the school day.

AUTOMOTIVE TECHNOLOGY 2 (Automotive Technology 2 - 8975)

Prerequisite: Automotive Technology 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Semester

Credit: 0.5

Automotive Technology 2 is a continuation of Automotive Technology 1. Please see description above.

GEOMETRY IN CONSTRUCTION 1: CONSTRUCTION (Geometry in Construction 1: Const - 3250/8640)

Prerequisite: Passed Algebra 1 & 2

Course Fee: \$20 & Materials

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 1 (0.5 - Geom; 0.5 - Const)

Part one of a two part course and is a two-period block. Geometry in Construction is an integrated course where students learn a variety of topics through building a significant construction project that will be of service to the Watertown community. Students will learn safety, problem solving, tool use, print reading, and career exploration. Geometry content is similar to other geometry courses in the Math Department and is designed to prepare students for Advanced Algebra. The course is team taught with a Math and Tech Ed teacher. Students do not need prior construction experience.

TECHNOLOGY & ENGINEERING

GEOMETRY IN CONSTRUCTION 2: CONSTRUCTION (Geometry in Construction 2: Const - 3255/8645)

Prerequisite: Successful completion of Geom in Construction 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 1 (0.5 - Geom; 0.5 - Const)

Part two of a two part course and is a two-period block. Geometry in Construction is an integrated course where students learn a variety of topics through building a significant construction project that will be of service to the Watertown community. Students will learn safety, problem solving, tool use, print reading, and career exploration. Geometry content is similar to other geometry courses in the Math Department and is designed to prepare students for Advanced Algebra. The course is team taught with a Math and Tech Ed teacher. Students do not need prior construction experience.

GRAPHIC ARTS TECHNOLOGY: INTRODUCTION (Graphic Arts: Introduction - 8560)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: \$30

Grade Level: 9-12

Credit: 0.5

This is a survey course exploring Graphic Communications. While the design process is developing, primary process explored is production. This course is largely characterized by hands-on activities, required in the production of printed materials. Topics explored include; printing (t-shirts, notepads, labels & stickers), digital photography, video production, animation and original graphic designing. If you enjoy creating things with your hands, be sure to sign up for Introduction to Graphic Arts.

GRAPHIC ARTS TECHNOLOGY: PRINTING (Graphic Arts: Printing - 8575)

Prerequisite: Graphic Arts Technology: Introduction

Course Detail: 1 Trimester

Course Fee: \$30

Grade Level: 10-12

Credit: 0.5

Graphics Arts Technology is the process by which printed images are created. This is a course exploring three graphic arts processes: Offset Lithography, Flexography, and Screen printing. Each of these processes includes digital prepress, press, and post-press activities. An introduction to proof development, plate making, and press operation will be explored. In addition to the printing processes, outlined above, production vinyl cutting will be explored.

GRAPHIC ARTS TECHNOLOGY: PRODUCTION (Graphic Arts: Production - 8576)

Prerequisite: Graphic Arts Technology: Printing

Course Detail: 1 Trimester

Course Fee: \$30

Grade Level: 10-12

Credit: 0.5

The focus of this course will be to further develop skills acquired in Graphic Arts Technology. A focus upon the development of multiple color prepress and press skills for Offset Lithography, Flexography and Screen Printing. Each student is required to complete specific projects outlined above in each of the three print technologies. From this group each year, two teams of two will be formed for the purpose of competing in the FTA "Phoenix Challenge" (Flexographic Technical Association.)

TECHNOLOGY & ENGINEERING

HOME MAINTENANCE (Home Maintenance - 8567)

Prerequisite: None

Course Fee: \$30 & Materials

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

This course is designed to expose students to the basic fundamentals crucial to home maintenance and ownership. Students will explore the areas of carpentry, plumbing, electricity, drywall, and energy efficiency, through project based learning activities. Careers explored include; Architecture, Civil Engineering, Construction Management and trades (plumbing, electrical, mechanical, etc.). No prior experience necessary. Students completing this course may elect to continue their educational experience in Advanced Construction.

INTRO TO CAD: ROBOTICS (Intro to CAD - 8820)

Prerequisite: None

Course Fee: \$30

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

The objective of this course is to use a hands-on approach to introduce the basic concepts of Drafting around a focus on Robotics. Information presented in class will be applied to designing a variety of robotic systems and components during the trimester, resulting in a working mobile robot. We will be designing parts on the computer and then constructing those parts using prototyping equipment. Students who successfully complete this course will have learned and applied; 2D & 3D Computer Aided Design & Drafting, Basic Dimensioning & Tolerancing, Programming using Scratch, Operation of a Laser Engraver, Operation of 3D Printers, and Operation of a Raspberry Pi Microcontroller.

MANUFACTURING: ADVANCED (Manufacturing: Advanced - 8660)

Prerequisite: Manufacturing: Intro & Intro to CAD recommended

Course Fee: \$30 & Materials

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Course development includes a more in-depth study of activities outlined in Manufacturing, with an emphasis placed on tolerances. Fabrication activities include: non-position shielded "stick" metal arc welding, oxyacetylene welding, brazing and cutting, gas tungsten arc welding (GTAW) and gas metal arc welding (GMAW), plasma arc cutting and sheet metal lock forming. Completion of related projects, develop an applied use for these processes.

MANUFACTURING: INTRODUCTION (Manufacturing: Introduction - 8660)

Prerequisite: None

Course Fee: \$30 & Materials

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

A basic introduction to the machining and fabrication process of machining materials, primarily metals. Machining activities include operations in: layout, measurement, hand tools, bench work, grinding, sawing, drilling and turning. Fabrication activities include operations in: angular layout, metal forming, hand tools, position shielded "stick" metal arc welding (SMAW). Completion of related projects develops an applied use for these processes.

TECHNOLOGY & ENGINEERING

PLTW: COMPUTER INTEGRATED MANUFACTURING (CIM) 1 (PLTW: CIM 1 - 8872)

Prerequisite: PLTW: IED or Intro to CAD

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 10-12

Credit: 0.5

Students learn how to program and operate the CNC Mills and ABB Robot in the Manufacturing Lab. Through the use of Autodesk Inventor and MasterCam software packages, students design projects and make them out of aluminum. First trimester of CIM, students learn the use of G-Code, Programming, general set-up of the machines, and operation of the equipment. Projects on the CNC Mills in this trimester may include; Drop Out Coaster and a Chocolate Mold. Projects on the Robot this trimester may include; Golf Ball Game and Coaster Sort program. Students must register for CIM 1 & 2.

PLTW: COMPUTER INTEGRATED MANUFACTURING (CIM) 2 (PLTW: CIM 2 - 8873)

Prerequisite: PLTW: CIM 1

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 10-12

Credit: 0.5

Students will begin to take their skills learned from first trimester and apply them more independently for advanced projects in CIM2. In this 2nd half of CIM, we will look at more Logic based programming of the ABB Robot, as well as better use of tooling and programming operations on the CNC's. Students will also be introduced to the Haas ST-10 CNC Lathe. Projects in CIM2 may include: Plastic Injection Mold, Spinning Top, a Mass Production Unit on the CNC's, and on the robot; Sorting the Coasters and programming a Gum Vending Machine. Students are eligible for MSOE College Credit upon successful completion of this course (70% Class & 80% Exam). Students must register for CIM 1 & 2.

PLTW: DIGITAL ELECTRONICS (DE) 1 (PLTW: DE 1 - 8870)

Prerequisite: Concurrently enrolled in Advanced Alg or higher

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 11-12

Credit: 0.5

This full year course introduces students to the fundamentals of digital electronics using a lecture and lab format. The lecture component stresses the design of circuits to perform certain functions using Boolean algebra, K-mapping, and programming. The lab component is used to build, test, and troubleshoot these circuits using Electronics Workbench software, chips, breadboards, digital multi-meters, and logic probes. Students must register for DE 1 & 2.

PLTW: DIGITAL ELECTRONICS (DE) 2 (PLTW: DE 2 - 8871)

Prerequisite: PLTW: DE 1

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 11-12

Credit: 0.5

This is a continuation of DE1, going more in depth for lessons and projects. Students are eligible for MSOE College Credit upon successful completion of this course (70% Class & 80% Exam). Students must register for DE 1 & 2.

TECHNOLOGY & ENGINEERING

PLTW: ENGINEERING DESIGN & DEVELOPMENT (EDD) 1 (PLTW: EDD 1 - 8874)

Prerequisite: 2 PLTW previous courses

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 11-12

Credit: 0.5

EDD is the “Capstone” course for the Pre-Engineering courses at WHS. Students will be applying their previous courses towards a large scale yearlong project. As a class, students will research, design, prototype and present on a deep engineered project. Utilizing past lessons, equipment and community mentors, students will apply their skills in this course. Students must register EDD 1 & 2.

PLTW: ENGINEERING DESIGN & DEVELOPMENT (EDD) 2 (PLTW: EDD 2 - 8875)

Prerequisite: PLTW: EDD 1

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 11-12

Credit: 0.5

During the second trimester of EDD, students will begin prototyping their designs, raising and spending funds for their prototypes, and presenting on their findings to a panel of Engineers. In EDD2, students bring to life their designs to product. Students must register EDD 1 & 2.

PLTW: INTRODUCTION TO ENGINEERING DESIGN (IED) 1 (PLTW: IED 1 - 8852)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 9-12

Credit: 0.5

IED is an introductory course that develops student’s problem-solving and critical thinking skills through the application of 3D Computer Modeling/CAD. IED emphasizes the design-development process of a product and how a product model is produced, analyzed, and evaluated. Projects in IED 1 include; Children’s Block Toy, Desktop Organizer and Lego Products. Concepts explored include; Multiview drawings, dimensioning, section views, parametric modeling and design for manufacturing. Students may also use 3D printers to create one of the projects in class. Students must register for IED 1 & 2.

PLTW: INTRODUCTION TO ENGINEERING DESIGN (IED) 2 (PLTW: IED 2 - 8853)

Prerequisite: PLTW: IED 2

Course Detail: 1 Trimester

Course Fee: Materials

Grade Level: 9-12

Credit: 0.5

IED 2 begins to extend and challenge student’s in their knowledge of the Autodesk Inventor software to design more in-depth projects through the Engineering Design Process. Projects in IED 2 include; Animated Train, Reverse Engineering, & an Independent Project. Concepts explored include: Auxiliary views, advanced dimensioning (GD&T), animations, and product assemblies. Students are eligible for MSOE College Credit upon successful completion of this course (70% Class & 80% Exam). Students must register for IED 1 & 2.

PLTW: PRINCIPLES OF ENGINEERING (POE) 1 (PLTW: POE 1 - 8850)

Prerequisite: Concurrently enrolled in Advanced Alg or higher

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

Students explore technology systems and engineering processes to find out how math, science and technology help people. Some of the projects in this class include; Engineering Careers exploration, VEX Robotics with “Marble Sorter project”, and Rube Goldberg device with Simple Machines. Students must register for POE 1 & 2.

TECHNOLOGY & ENGINEERING

PLTW: PRINCIPLES OF ENGINEERING (POE) 2 (PLTW: POE 2 - 8851)

Prerequisite: PLTW: POE 1

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

POE 2 continues to explore Engineering Principles through lessons and projects. Some of the projects in this class include; Internal/External Stresses through a Balsa Bridge, Projectiles through a Ping Pong Ball Launcher, Electricity through Bread boarding, Hydraulics and Pneumatics. Students are eligible for MSOE College Credit upon successful completion of this course (70% Class & 80% Exam). Students must register for POE 1 & 2.

TRANSPORTATION, SMALL GAS ENGINES (Trans/Small Engines - 8562)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: \$30 & Materials

Grade Level: 9-12

Credit: 0.5

Transportation technology is a study of people and products through various environments. The student will also be studying alternate energy sources, internal combustion engines, mechanisms, and aerodynamics. Through the design and construction of various models, students will apply scientific principles and computations. This verbal-visual, hands-on process of learning can provide an effective base for education and training in many occupations.

VIDEO: BROADCASTING NEWS (Video: Broadcasting News - 8577)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

If you want to learn how to create original movies and broadcast news reports, then this is the course for you. This is the first of two Video Production courses offered at Watertown High School. Students in this class will learn how to use the equipment of the television studio such as the control board, audio mixer, teleprompter, studio cameras and lighting to produce the daily student/faculty announcements. Likewise, students will learn how to create screenplays, use camcorders, microphones and computer editing software to learn basics of film design. As a result, students in this class will have experiences to make them feel comfortable in front of and behind the camera. Students who successfully complete this course will have learned and applied; Script writing, Camera operation, Operation of newsroom equipment, and Post-production editing software.

VIDEO: PRODUCTION (Video: Production - 8578)

Prerequisite: Video – Broadcasting News

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

This course provides job-specific instruction for careers in the film and television industries. The course integrates advanced video and audio techniques with the art of computer graphics. The focus of the course is on the creation of visual and special effects, and green screen studio production. This course will allow students to develop professional skills in digital video, film, and television pre-production, production, and post-production. Sample projects include: commercials, short films, production packages, movie trailers, and music videos.

TECHNOLOGY & ENGINEERING

WOODS: INTRODUCTION (Woods: Introduction - 8580)

Prerequisite: None

Course Fee: \$30 & Materials

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

An introduction to the woods industry and operations in woodworking. Hand tools, portable power tools and woodworking machines will be used to make projects. Safe practices and techniques for proper handling and care of all tools will be required.

WOODS: DESIGN (Woods: Design - 8600)

Prerequisite: Woods - Introduction & Intro to CAD recommended

Course Fee: \$30 & Materials

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

This course involves the utilization of tools and equipment used in Woods 1. Students must follow a specific design and construct a specific project given by the instructor using the shop equipment available. In addition, an introduction to CNC router operations will be explored.

WOODS: FURNITURE & CABINETS (Woods: Furniture & Cabinets - 8620)

Prerequisite: Woods - Design & Intro to CAD or IED

Course Fee: \$30 & Materials

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Individualized study of woodshop and mill shop procedures. Individually designed furniture and/or cabinet projects are required. Each project must utilize all power equipment and most hand tools. Design of the piece along with reading of the prints is part of this course. Laminates and finishing will also be included. CNC router operations will be available for student exploration.

YEARBOOK 1 (Yearbook 1 - 8570)

Prerequisite: None

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Want to explore a career in publishing and printing? Do photography, printing, art and journalism interest you? Are you creative with any or all of the above? Producing the school yearbook involves elements from each of these processes. Yearbook 1 explores the technical aspects of desktop publishing software, and digital photography. In addition, page layout and copy writing techniques are explored. The yearbook theme, timelines and fall activities are completed during this trimester.

YEARBOOK 2 (Yearbook 2 - 8571)

Prerequisite: Yearbook 1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Yearbook 2 pulls each of the processes and elements explored in Yearbook I together. While much of the ground work for the yearbook was completed during the first trimester, second trimester activities focus upon completion of the book. The entire process from conception to the printed and bound product is experienced. The final document is a permanent record of the school's activities for the year. Showcase your talents, sign up for Yearbook.

WORK BASED PROGRAMS

Course Name	Course Number	9	10	11	12	Prerequisite
Coop/Work Programs						
Marketing/Business Management Class 1 & 2	7340/7350				X	X
Marketing/Business Internship Work 1, 2, & 3	7360/7365/7370				X	X
Intro to Hospitality/Culinary 1 & 2 Class	8060/8061				X	X
Hospitality Work Experience 1, 2, & 3	8120/8125/8130				X	X
Child Care Teacher Cooperative Class DC 1 & 2	8150/8155				X	X
Child Care Teacher Cooperative Work DC 1, 2, & 3	8160/8165/8170				X	X
Youth Apprenticeship Programs						
Agriscience Youth Apprenticeship 1, 2, & 3	8412/8413/8414			X	X	X
Automotive Tech Youth Apprenticeship 1, 2, & 3	8930/8931/8932			X	X	X
Construction Youth Apprenticeship 1, 2, & 3	8940/8941/8942			X	X	X
Engineering Youth Apprenticeship 1, 2, & 3	8880/8881/8882			X	X	X
Finance Youth Apprenticeship 1, 2, & 3	7100/7101/7102			X	X	X
Health Services Youth Apprenticeship 1, 2, & 3	8371/8372/8373			X	X	X
Hospitality Youth Apprenticeship 1, 2, & 3	8147/8148/8149			X	X	X
Information Tech Youth Apprenticeship 1, 2, & 3	7400/7401/7402			X	X	X
Manufacturing Youth Apprenticeship 1, 2, & 3	8940/8941/8942			X	X	X

COOP/WORK PROGRAMS

Prerequisite: Previous Course in YA Program Offerings

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 12

Credit: 0.5

The Coop/Work Program has two components: classroom and work. The classroom will incorporate several classes into one. Students will work on job skills, computer skills, and participate in the community. The class portion is a two trimester class. The work portion of the program is three trimesters and requires students to work 360 hours in a course for a year. Students can earn up to 1.5 credits in the work portion. Students are strongly encouraged to join the appropriate club linked with the Coop/Work Program.

YOUTH APPRENTICESHIP PROGRAMS

Prerequisite: Previous Course in YA Program Offerings

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

If the student is serious about a career in a Youth Apprenticeship Program area then this course is for him/her. Students must have a job in a corresponding YA Program. Selection for this program is done through an interview process by the coordinator, instructor and employer.

Students must have 95% attendance and no unexcused absences, no disciplinary issues and no F's the trimester before application. If students are interested, please register for work program during registration via Skyward. Contact Mr. Foley in S225 for an application form and final enrollment will be dependent on employment. Students must have a job secured by the start of the trimester.

WORLD LANGUAGES

Course Name	Course Number	9	10	11	12	Prerequisite
French 5	5525			X	X	X
French 6	5530			X	X	X
French 7	5535			X	X	X
French 8	5540			X	X	X
German 1	5140	X	X	X	X	
German 2	5150	X	X	X	X	X
German 3	5160		X	X	X	X
German 4	5170		X	X	X	X
German 5	5180			X	X	X
German 6	5200			X	X	X
German 7	5220			X	X	X
German 8	5240			X	X	X
Spanish 1	5000	X	X	X	X	
Spanish 2	5010	X	X	X	X	X
Spanish 3	5020		X	X	X	X
Spanish 4	5030		X	X	X	X
Spanish 5	5040			X	X	X
Spanish 6	5060			X	X	X
Spanish 202 - 1 CCHS	5115				X	X
Spanish 202 - 2 CCHS	5120				X	X
Spanish 202 - 1 (HS Credit)	5090			X	X	X
Spanish 202 - 1 (HS Credit)	5095			X	X	X
Spanish Text/Comp 1	5105	X	X	X	X	X
Spanish Text/Comp 2	5106	X	X	X	X	X
Spanish Text/Comp 3	5107		X	X	X	X
Spanish Text/Comp 4	5108		X	X	X	X

FRENCH 5 (French 5 - 5525)

Prerequisite: French 4 - grade C or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

French 5 is a course where students will continue to build skills and confidence in spoken and written French. Students will read and discuss literature and media materials in French as well as keep a journal all year. They will also do interviews and presentations in French and continue to compare and contrast Francophone culture with their own. By the end of the course, students will be able to speak and write in the past, present, future, conditional and subjunctive tenses and be able to hold a conversation in French using familiar and some unfamiliar vocabulary.

FRENCH 6 (French 6 - 5530)

Prerequisite: French 5 - grade C or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

By the end of French 6, students will be able to speak and write in the past, present, future, conditional and subjunctive tenses and be able to hold a conversation in French using familiar and some unfamiliar vocabulary.

WORLD LANGUAGES

FRENCH 7 (French 7 - 5535)

Prerequisite: French 6 - grade C or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

French 7 is conducted in French in which students are expected to participate in French at all times. They will review past grammatical material and learn new concepts to further develop their communication skills in French. We will be reading a novel in French, as well as learning about important cultural aspects like history, art, music, and current events. Students will be expected to write compositions in French and to converse with Mme Webster in French in a variety of situations, both familiar and unfamiliar. This is a challenging but fun course that should have something for everyone wanting to polish his/her French skills.

FRENCH 8 (French 8 - 5540)

Prerequisite: French 7 - grade C or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

French 8 will review past grammatical material and learn new concepts to further develop their communication skills in French. We will be reading a novel in French, as well as learning about important cultural aspects like history, art, music, and current events. Students will be expected to write compositions in French and to converse with Mme Webster in French in a variety of situations, both familiar and unfamiliar.

GERMAN 1 (German 1 - 5140)

Prerequisite: None

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

German 1 and 2 form a full-credit course in which students develop skills in understanding, speaking, reading, and writing German. The classroom emphasis is on oral communication in German, and all students are expected to participate actively in all classroom activities. By the end of the trimester students will be able to have introductory conversations, speak and write about personal interests, friends, and family. It is recommended to take German 2 the same academic year as German 1.

GERMAN 2 (German 2 - 5150)

Prerequisite: German 1 - grade C or higher

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

German 1 and 2 form a full-credit course in which students develop skills in understanding, speaking, reading, and writing German. The classroom emphasis is on oral communication in German, and all students are expected to participate actively in all classroom activities. By the end of the second trimester students will be able to speak and write about school, clothing, shopping, making plans, doing chores and eating out.

WORLD LANGUAGES

GERMAN 3 (German 3 - 5160)

Prerequisite: German 2 - grade C or higher

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

German 3 and 4 form a full-credit course in which students continue to develop skills in understanding, speaking, reading and writing German. The classroom emphasis is on oral communication in German, and all students are expected to participate actively in all classroom activities. By the end of the trimester, students will be able to speak and write about cities, giving directions, entertainment preferences, celebrations, and vacation activities. It is recommended to take German 4 the same academic year as German 3.

GERMAN 4 (German 4 - 5170)

Prerequisite: German 3 - grade C or higher

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

German 3 and 4 form a full-credit course in which students continue to develop skills in understanding, speaking, reading and writing German. The classroom emphasis is on oral communication in German, and all students are expected to participate actively in all classroom activities. By the end of the trimester, students will be able to speak and write about daily routines, healthy eating, being sick, and expressing opinions.

GERMAN 5 (German 5 - 5180)

Prerequisite: German 4 - grade C or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

German 5 and 6 form a full-credit course in which students continue to develop skills in understanding, speaking, reading and writing German. Students will do interviews and presentations, make videos, write compositions and compare and contrast German and American cultures. Units may include fashion, traveling, personal interests and hobbies, eating out and fairy tales. It is recommended to take German 6 the same academic year as German 5.

GERMAN 6 (German 6 - 5200)

Prerequisite: German 5 - grade C or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

German 5 and 6 form a full-credit course in which students continue to develop skills in understanding, speaking, reading and writing German. Students will do interviews and presentations, make videos, write compositions and compare and contrast German and American cultures. Units may include radio dramas, detective stories, plans for the future, cooking, and music.

WORLD LANGUAGES

GERMAN 7 (German 7 - 5220)

Prerequisite: German 6 - grade C or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

German 7 and 8 form a full-credit course in which students continue to develop skills in understanding, speaking, reading and writing German. Extensive writing and speaking will be required. Students will read actual German short stories and condensed novels. Social and historical issues will be explored, such as legends, immigration, Germany in the 20th century, minorities, housing, education, and the reunification of Germany. Reading, discussion and grammar will be handled for successful college preparation. It is recommended to take German 8 the same academic year as German 7.

GERMAN 8 (German 8 - 5240)

Prerequisite: German 7 - grade C or higher

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

German 7 and 8 form a full-credit course in which students continue to develop skills in understanding, speaking, reading and writing German. Extensive writing and speaking will be required. Students will read actual German short stories and condensed novels. Social and historical issues will be explored, such as legends, immigration, Germany in the 20th century, minorities, housing, education, and the reunification of Germany. Reading, discussion and grammar will be handled for successful college preparation.

SPANISH 1 (Spanish 1 - 5000)

Prerequisite: None

Course Fee: \$20

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Students will engage in activities that will assist them in reading, writing, listening, and speaking the Spanish language. The course will cover the vocabulary and grammar used in basic conversations and they are encouraged to use this knowledge to connect to the culture of the Spanish speaking countries. Since learning a language is a continuous process, each chapter will build on the information covered in previous chapter(s). Themes include our friends and ourselves, school, food, pastimes, and parties. A one or two inch binder and a dry erase marker are required for class.

SPANISH 2 (Spanish 2 - 5010)

Prerequisite: Spanish 1

Course Fee: None

Grade Level: 9-12

Course Detail: 1 Trimester

Credit: 0.5

Students will engage in activities that will assist them in reading, writing, listening, and speaking the Spanish language. The course will cover the vocabulary and grammar used in basic conversations, and they are encouraged to use this knowledge to connect to the culture of the Spanish speaking countries. Since learning a language is a continuous process, each chapter will build on the information covered in previous chapter(s). Themes include foods, healthy habits, places in a city, activities and sports, families, and restaurants. The workbook used for Spanish 1 and a one or two inch binder is required for this class.

WORLD LANGUAGES

SPANISH 3 (Spanish 3 - 5020)

Prerequisite: Spanish 1 & 2 with C or better

Course Fee: None

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Spanish 3 is intended for students who have completed one year of Spanish, who have preferably received a C or better, and who are interested in gaining a deeper insight into the Spanish language and Hispanic culture. These goals will be accomplished through understanding, speaking, reading and writing Spanish. Classroom emphasis is on oral communication and much of the class will be conducted in Spanish. Students are expected to participate actively in classroom activities and use Spanish in class. By the end of the trimester, students should feel competent using the language to discuss topics such as: the house, chores, clothing, shopping, vacationing, and community. Students will also learn various verb forms which allow them to understand, write and speak in both the present and past tenses, use object pronouns, and make simple comparisons. The workbook used for Spanish 2 and a one or two inch binder is required for this class.

SPANISH 4 (Spanish 4 - 5030)

Prerequisite: Spanish 3

Course Fee: \$20

Grade Level: 10-12

Course Detail: 1 Trimester

Credit: 0.5

Spanish 4 is a continuation of Spanish 3. Students will continue to understand, speak, read, and write in Spanish. Students will continue to communicate in the target language and participate actively in class. By the end of the trimester students will be able to understand, discuss, and write about films and TV, school, pastimes, special events, technology, and getting around in the city. Students will be able to make comparisons of equality, perform daily routines, give commands and use the past tense with proficiency. A one or two inch binder and a dry erase marker are required for class.

SPANISH 5 (Spanish 5 - 5040)

Prerequisite: Spanish 4

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Students will increase skills in areas of understanding, speaking, and writing Spanish. They will be able to understand, speak and write about: their childhood and past, celebrations around the world, news-related events, health and hospitals, sports, television and movies. Students will also be able to speak and write using the present, preterite and imperfect verb tenses. This course combined with Spanish 6 (5060) is required prior to taking fourth year Spanish. A one or two inch binder and a dry erase marker are required for class.

WORLD LANGUAGES

SPANISH 6 (Spanish 6 - 5060)

Prerequisite: Spanish 5

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This is a continuation of Spanish 5. Students will continue to increase skills in areas of understanding, speaking and writing Spanish. They will be able to understand, speak and write about: cooking, travel, landmarks, professions and conservation. Students will also be able to speak and write using the present perfect, affirmative and negative commands, the future and conditional tenses, and the subjunctive mood. Spanish 5 and 6 are required to take Spanish 202. It is recommended that a student receive a B or higher to take Spanish 202 for college credit. A one or two inch binder and a dry erase marker are required for class.

SPANISH 202-1 (HS credit only) (Spanish 202 HS Credit Only 1 - 5090)

Prerequisite: Spanish 6

Course Fee: \$6

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

Students will review and master the skills they learned in Spanish 1/2, 3/4 and 5/6 as they continue to learn new grammatical structures and concepts. Emphasis will be placed on oral and written proficiency and cultural competency. Throughout the course, students will be encouraged to connect with Spanish in authentic contexts. Students will use Spanish to communicate in real world situations. They will listen to music, connect with an e-Pal (depending on availability), study literature, and engage with the Hispanic community. This course is conducted entirely in Spanish. This course is the same course as Spanish 202 except students will only earn high school credit. (College retroactive credits can still be earned from participating universities.)

SPANISH 202-2 (HS credit only) (Spanish 202 HS Credit Only 2 - 5095)

Prerequisite: Spanish 202-1

Course Fee: None

Grade Level: 11-12

Course Detail: 1 Trimester

Credit: 0.5

This course is a continuation of Spanish 202-1. This course is conducted entirely in Spanish. This course is the same course as Spanish 202 CCHS except students will only earn high school credit. (College retroactive credits can still be earned from participating universities.)

WORLD LANGUAGES

SPANISH 202-1 CCHS (Spanish 202-1 CCHS - 5115)

Prerequisite: Spanish 5 & 6 - grade B or higher

Course Fee: \$6 & Tuition

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

Students will review and master the skills they learned in Spanish 1/2, 3/4 and 5/6 as they continue to learn new grammatical structures and concepts. Emphasis will be placed on oral and written proficiency and cultural competency. Throughout the course, students will be encouraged to connect with Spanish in authentic contexts. Students will use Spanish to communicate in real world situations. They will listen to music, connect with an e-Pal (depending on availability), study literature, and engage with the Hispanic community. This course is conducted entirely in Spanish. This course is offered through the UW-Green Bay. Eligible students are those who have completed three years of high school Spanish with a grade of B or higher. The course is coordinated and monitored by the Spanish Department at UW-Green Bay and is taught by an instructor whose experience and credentials are approved by the department. The cost for the 3 credit class is approximately \$270. UW-Green Bay determines the tuition in August.

SPANISH 202-2 CCHS (Spanish 202-2 CCHS - 5120)

Prerequisite: Spanish 202-1 CCHS

Course Fee: Tuition

Grade Level: 12

Course Detail: 1 Trimester

Credit: 0.5

This is a continuation of Spanish 202-1 DC. This course is offered through the UW-Green Bay. Eligible students are those who have completed three years of high school Spanish with a grade of B or higher. The cost for the 3 credit class is approximately \$270. Students may take Spanish 202 (HS credit only) at no cost to the student.

WORLD LANGUAGES

SPANISH TEXT & COMPOSITION

This course is for people who understand and speak Spanish. Being able to read and write in Spanish is not a requirement, as the main learning targets of the course involve improving students' skills in these areas. The courses do not have to be taken consecutively (although they will be offered this way), but none can be repeated. It should be noted that only two courses will be offered per year (i.e. 1 & 2 one year, 3 & 4 the following year).

Este curso es para estudiantes que hablan y entienden español. Poder leer y escribir en Español no es un requisito del curso, como el objetivo principal del curso se trata de mejorar sus destrezas en estos campos. No es necesario tomar los cursos en orden (aunque se los ofrecen así), pero no se puede repetir un curso. Se debe notar también que solo se ofrecen 2 cursos por año (por ejemplo, 1 y 2 en un año, y 3 y 4 el siguiente año).

SPANISH TEXT & COMPOSITION 1 (Spanish Text/Comp 1 - 5105)

Prerequisite: Spanish as Native Language

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

Spanish Text and Composition 1 focuses primarily on grammar and spelling in the Spanish language. The units include Alphabet and Spelling, Present Indicative tense, Past, Present, and Future Progressive tenses, Imperfect and Preterit Past tenses, Future tense, and Subjunctive tense. Discussion and studying of current events relative to the course will also be included when appropriate.

SPANISH TEXT & COMPOSITION 2 (Spanish Text/Comp 2 - 5106)

Prerequisite: Spanish as Native Language

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9-12

Credit: 0.5

Spanish Text and Composition 2 focuses on studies of Hispanic culture. Units will include Indigenous Groups of Latin America, Myths and Legends of the Spanish Speaking World, Social Problems of Mexico, Hispanic Cinema and Music, and Immigration and the United States. Discussion and studying of current events relative to the course will also be included when appropriate.

SPANISH TEXT & COMPOSITION 3 (Spanish Text/Comp 3 - 5107)

Prerequisite: Spanish as Native Language

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

Spanish Text and Composition 3 is the third course of this series, and includes units on the book Casa en Mango St., Latinos in the United States, making a group newspaper, Personal Family History, and Translation and Interpretation. Discussion and studying of current events relative to the course will also be included.

SPANISH TEXT & COMPOSITION 4 (Spanish Text/Comp 4 - 5108)

Prerequisite: Spanish as Native Language

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 10-12

Credit: 0.5

Spanish Text and Composition 4 is the final course in the series, and includes units on Children's Stories, Mexican Gastronomy, a unit based on the book Dreamers by Eileen Truax, Immigration Law and Policy, and Tourism and Travel in the Spanish Speaking World.

AP PREP COURSES

AP Prep courses are extensions of the regular AP coursework and are intended to further prepare students for the AP examination process. Students will review major course concepts and address topics in greater detail in situations where the pacing of the course did not afford the opportunity. Students will also continue to work on taking practice tests and activities to prepare for the rigors of the AP Exam. When the AP Exams have concluded, students will be engaged in content area projects where they will further synthesize course concepts. Each of the prep courses below are offered for elective credit. (0.5 credit each)

AP ART HISTORY PREP (AP Art History Prep - 6099)

AP BIOLOGY PREP (AP Biology Prep - 2138)

AP CALCULUS PREP (AP Calculus Prep - 3238)

AP CHEMISTRY PREP (AP Chemistry Prep - 2178)

AP ENGLISH LANGUAGE & COMPOSITION PREP (AP English Language Prep - 1280)

AP ENGLISH LITERATURE & COMPOSITION PREP (AP English Literature Prep - 1318)

AP EUROPEAN HISTORY PREP (AP European History Prep - 4198)

AP MACROECONOMICS PREP (AP Macroeconomics Prep - 4112)

AP MICROECONOMICS PREP (AP Microeconomics Prep - 4118)

AP MUSIC THEORY PREP (AP Music Theory Prep - 6378)

AP PSYCHOLOGY PREP (AP Psychology Prep - 4134)

AP STATISTICS PREP (AP Stats Prep - 3219)

AP STUDIO ART PREP (AP Studio Art Prep - 6052)

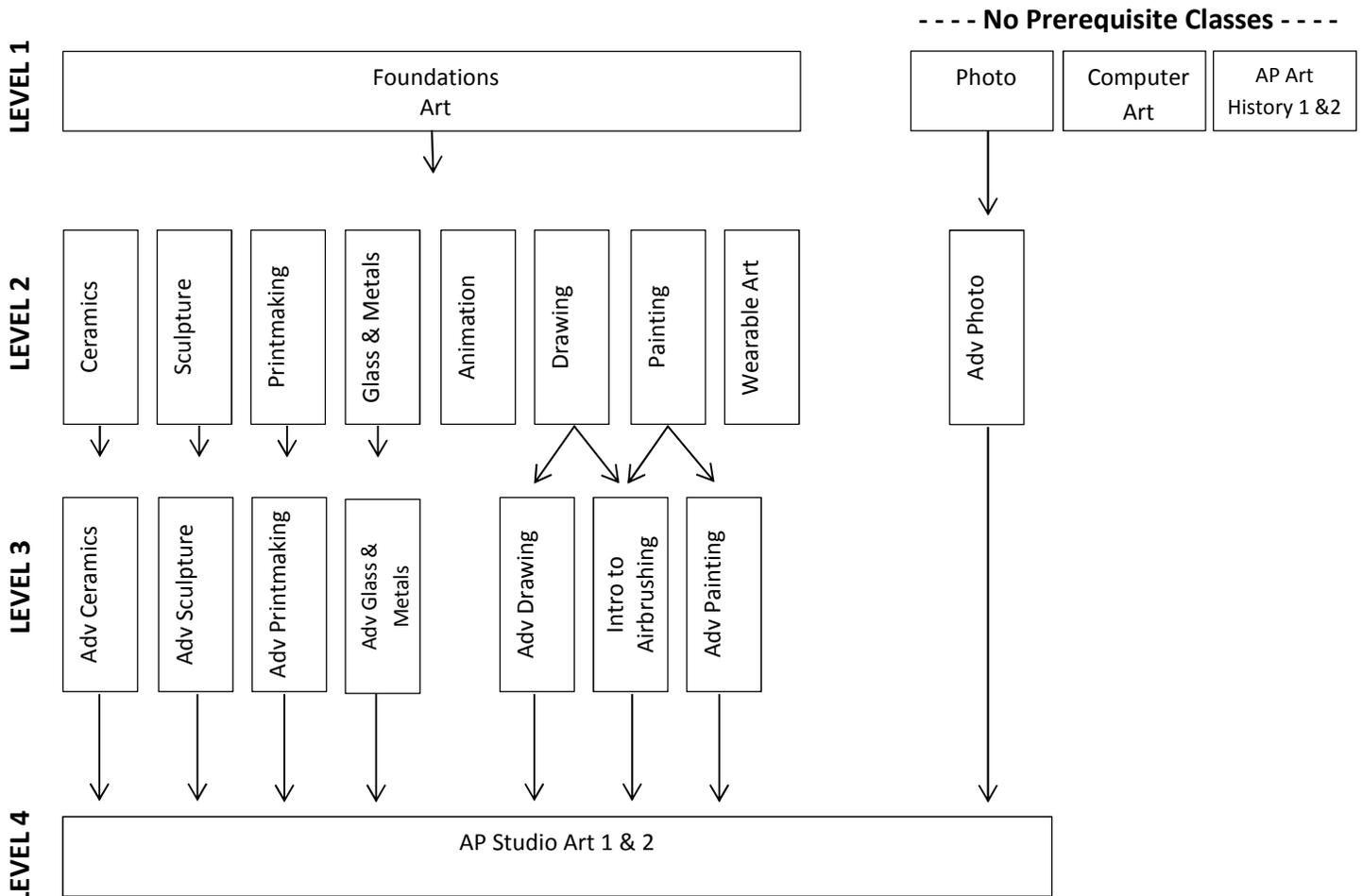
AP US HISTORY PREP (AP US History Prep - 4028)

AP WORLD HISTORY PREP (AP World History Prep - 4098)

MATH RECOMMENDATIONS

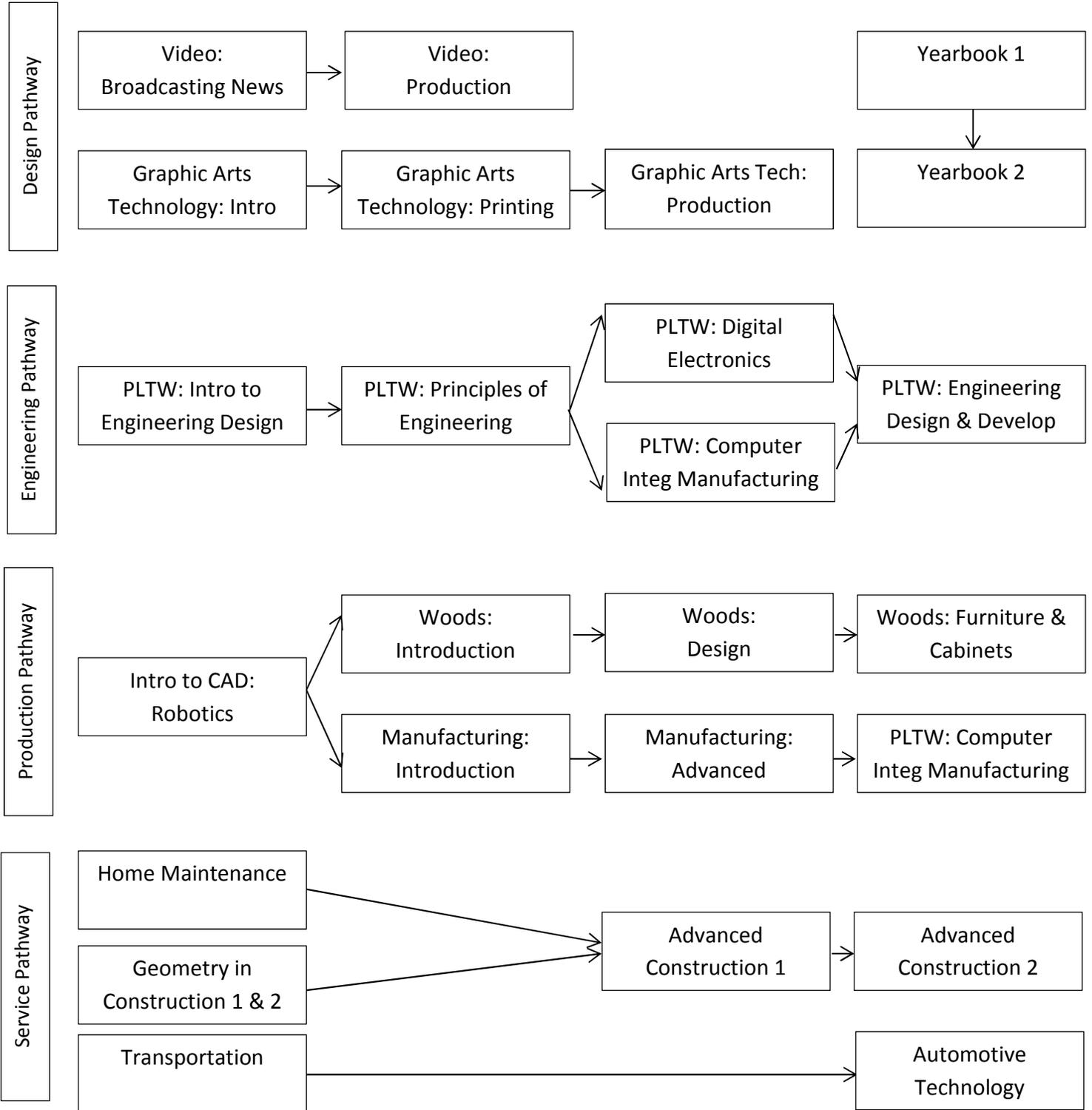
Current Class	Passed with C or Better	Passed with below C
Algebra	Geometry	Applied Spatial
Applied Spatial	4 Year College Plan: Geometry 2 Year College Plan: Intermediate Algebra or Geometry	Intermediate Algebra
Geometry	Advanced Algebra	Intermediate Algebra
Intermediate Algebra	Advanced Algebra	Advanced Algebra
Advanced Algebra	Pre-Calculus, AP Statistics or FST	FST
FST	Pre-Calculus or AP Statistics	Pre-Calculus or AP Statistics
Pre-Calculus	AP Statistics and/or AP Calculus	AP Statistics and/or AP Calculus

ART FLOW CHART



TECHNOLOGY & ENGINEERING FLOW CHART

Based on Career Pathways, not on prerequisites. Please refer to the Technology & Engineering course descriptions



GRADUATION REQUIREMENTS

Class of 2018, 2019, & 2020 Required: 23.0 credits

English (English 9, English 10, English 11, English 12)	4.0 credits
Math	3.0 credits
Science (Biology, Physical Science, Elective)	3.0 credits
Social Studies (Government , US History, Elective)	3.0 credits
Humanities (Art, Music, World Language)	0.5 credits
Career & Technical Education	0.5 credits
Physical Education (PE 9)	1.5 credits
Health	0.5 credits
Financial Literacy (Money 101, Economics, or Personal Finance)	0.5 credits
Electives	6.5 credits

*Post High School Course Experience Required for the Class of 2019 & 2020

Class of 2021 Required: 25.0 credits

English (English 9, English 10, English 11, English 12)	4.0 credits
Math	3.0 credits
Science (Biology, Physical Science, Elective)	3.0 credits
Social Studies (Government , US History, Elective)	3.0 credits
Humanities (Art, Music, World Language)	0.5 credits
Career & Technical Education	0.5 credits
Physical Education (PE 9)	1.5 credits
Health	0.5 credits
Financial Literacy (Money 101, Economics, or Personal Finance)	0.5 credits
Electives	8.5 credits

*Post High School Course Experience Required for the Class of 2021

Beginning with the Class of 2019, in order to be eligible for a Watertown Unified School District high school diploma, a student must have taken and successfully completed a course (0.5 credit minimum) that provides a post high school course experience. This could include, but is not limited to, AP, Dual Credit, Transcribed, and Articulated Courses. The post high school course can be applied to an elective or required class (ie. AP Biology would count for both Science and the post high school requirement).

In order to be eligible for a Watertown Unified School District high school diploma, a student must have taken and successfully completed the state-required civics test while enrolled in the high school grades in the District or, as determined by the administration, in another qualifying school or program. A student with a disability for whom an individualized education program (IEP) is in place must also take the civics test; however, his/her graduation shall not be contingent on the successful completion of the test.

EARLY GRADUATION

Students may have the opportunity to fulfill graduation requirements early. To do so, however, takes prior planning on the part of the student, his/her parents, and school counselor. ALL required classes must be completed prior to early graduation. Alternative courses (such as independent study, technical school courses, correspondence courses, etc.) may not be substituted for WUSD graduation required courses, as such courses do not duplicate the accepted curriculum of Watertown High School.

HONOR ROLL

Honor Roll and High Honor Roll are computed on a trimester basis. High Honor Roll is 3.670 or higher; Regular Honor Roll is 3.200-3.669. Students must be enrolled in a minimum of four classes each trimester to qualify. A list of honor roll students will be posted in the Watertown High School Student Services office and published in the local newspaper.

A+ 4.000	B+ 3.333	C+ 2.333	D+ 1.333	
A 4.000	B 3.000	C 2.000	D 1.000	F 0.000
A- 3.667	B- 2.667	C- 1.667	D- 0.667	

ACADEMIC AWARDS

Academic Awards are awarded to students who carry a minimum of two credits each trimester and earn a 3.50 GPA or higher for all three trimesters of a school year at WHS. Letters will be awarded the following school year.

PASS/FAIL GRADING

Students at WHS have an opportunity to take no more than two ½ credit courses on a pass/fail grading scale during a student's high school career. The option is open to students in grades 11 and 12. Students must declare at the beginning of the trimester that they are enrolled in the class for a pass/fail grade rather than the regular A-B-C-D grading scale. If a student fails the course, the F will appear on the report card and count in the student's grade point average. If the student passes the course, the grade P will appear on the report card and it will not count in the student's grade point average.

Students must apply for pass/fail status during the first week of the trimester. The Pass/Fail application forms are available in the Student Services office and should be completed and returned to that office by the announced deadline date each trimester. Once a student has declared his/her enrollment as Pass/Fail that designation must remain in effect for that trimester.

It would certainly be advisable for students and parents to call the admissions office of any university in which there is interest and ask for the university's policy on pass/fail high school grades.

DROP/ADD POLICY

Students may drop a course prior to the beginning of the trimester without a penalty. Students may drop a course during the first three days of the trimester with parent and Student Services approval. Students dropping a course after the first three days of the trimester will be dropped with an “F” grade unless the principal approves of the course drop with a “W” grade. Because course workbooks are ordered shortly after the course selection process, the workbook fee cannot be refunded or deleted if the student chooses not to take the course and/or drops the course.

ADVANCED PLACEMENT & DUAL CREDIT CLASSES

Advanced Placement Classes

AP Art History 1 & 2	AP Microeconomics
AP Biology 1 & 2	AP Music Theory 1 & 2
AP Calculus 1 & 2	AP Psychology 1 & 2
AP Chemistry 1 & 2	AP Statistics 1 & 2
AP English Language & Composition 1 & 2	AP Studio Art 1 & 2
AP English Literature & Composition 1 & 2	AP U.S. History 1 & 2
AP European History 1 & 2	AP World History 1 & 2
AP Macroeconomics	

Dual Credit Classes

Accounting - Year 1 - 1 & 2 DC	Medical Terminology DC
Animal Care DC	Office Applications DC
Assistant Child Care Teacher DC	Personal Finance CAPP
Certified Nursing Assistant DC	Personal Health & Wellness CAPP*
Child Services Co-op & Work 1 & 2 DC	Physics 1 & 2 CAPP
Culinary Arts Management 1 & 2 DC	Principles of Marketing DC
Desktop Publishing DC	Professional Baking DC
Digital Design DC	PLTW: Computer Integrated Manufacturing 1 & 2
Fashion Design DC	PLTW: Digital Electronics 1 & 2
Health Care Career Exploration DC	PLTW: Engineering Design & Development 1 & 2
Health Services Observation DC	PLTW: Intro Engineering Design 1 & 2
Intro to Environmental Studies CCHS	PLTW: Medical Interventions 1 & 2
Intro to Hospitality/Culinary 1 & 2 DC	PLTW: Principles of Biomedical Science 1 & 2
IT Essentials 1 & 2 DC	PLTW: Principles of Engineering 1 & 2
Keyboarding/MS Office DC	Spanish 202 1 & 2 CCHS

*College credit option is in progress for 17-18 school year.

CAPP - UW-Oshkosh

CCHS - UW-Green Bay or UW-River Falls

GLOBAL EDUCATION ACHIEVEMENT CERTIFICATE

The Wisconsin Global Education Achievement Certificate is awarded to graduating high school students who have demonstrated a strong interest in global issues by successfully completing a global education curriculum and engaging in co-curricular activities and experiences that foster the development of global competencies.

Students graduating from high school may be awarded the distinction of Wisconsin Global Scholar if they have completed the following requirements:

- Four (4) credits in one world language.
- Four (4) credits in courses with global content. One credit may be one year of a second world language.
- Reflections on eight (8) books (fiction or nonfiction) with global content or four (4) books plus four (4) reflections on art, music, or film.
- Participation in school wide global activities.
- A minimum of twenty (20) hours of global service learning.

Approved GEAC courses:

AP Art History 1 & 2	European History 1 & 2
AP English Language and Literature 1 & 2	Foundations of Art
AP European History 1 & 2	Global Problems
AP Macroeconomics	Health Services
AP Microeconomics	International Relations
AP World History 1 & 2	Parenting and Relationships
Academic Decathlon	Sociology
British Literature	World History 1 & 2
Cultural/International Foods	World Language - 4 years
Environmental Science	World Literature 1 & 2

YOUTH OPTIONS

The WUSD recognizes the value of learning that can be achieved outside the formal classroom setting. Therefore WUSD shall provide students with the opportunity to participate in the Youth Options Program (Board Policy #5345).

Student eligibility for this program will be determined on the following factors:

- Student must be in the 11th or 12th grade
- Student seeking to take youth option courses must be in good academic standing which is defined as:
 - No D's or F's in any classes the previous trimester before application
 - 2.0 or greater cumulative GPA
 - 95% attendance or greater from the previous trimester
 - No behavior referrals from the previous trimester

Student participation in the Youth Options program shall be in accordance with established procedures and State law. The student will be limited to 18 college credits cumulative during both their junior and senior year. Students must apply for Youth Options course by October 1 for the spring semester course and by March 1 for the fall semester course.

Any appeals to the above conditions must be made to the building principal by May 1 for the fall semester and November 1 for the spring semester. If the student is not satisfied with the decision, they have the right to appeal to the Superintendent within 30 days of the principal's decision. They have the right to appeal to the School Board within 30 days of the Superintendent's decision. They have the right to appeal to the State Superintendent within 30 days of the School Board's decision.

The student will be required to reimburse the school district for any costs incurred if the student drops or fails a course including being removed from the course with an F grade. Students have to submit enrollment forms (available in the Student Services office) to the Student Services office AND register at Madison College for their Youth Options classes.

E-CAMPUS

In 2017-18, students will be able to take up to one class per year in an online environment. Students interested in taking online courses should consider this decision carefully and should discuss this with their parents/guardians and school counselor prior to registering for any online classes. Online courses can offer students a great deal of flexibility, open up options for unique courses not offered in the building, and give students an opportunity to learn skills for success in an online learning environment. Nevertheless, students taking online classes have found them to be equally or more challenging than traditional courses and have learned that success in an online environment requires strong skills in self-advocacy, time management and motivation. An e-Campus student orientation will be required for all first-time e-Campus enrollees. **Please see the WUSD e-Campus Student Handbook for more information.** Enrollments are subject to available resources. Spots are limited.

ANATOMY & PHYSIOLOGY 1 & 2 (A & P 1 - e2295; A & P 2 - e2296)

Prerequisite: Biology - Grade C or higher

Course Detail: 2 Trimesters

Course Fee: None

Grade Level: 11-12

Credit: 1

In this course, students explore the organization of the human body and how it works. They will acquire knowledge necessary to understand what the body is doing and how they can help the body cope with many different situations. Body systems will be studied in order to understand how their structure, location, and function allow for interaction with other parts of the body.

ASTRONOMY: EXPLORING THE UNIVERSE (Astronomy - e2300)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Why do stars twinkle? Is it possible to fall into a black hole? Will the sun ever stop shining? Since the first glimpse of the night sky, humans have been fascinated with the stars, planets, and universe that surrounds us. This course will introduce students to the study of astronomy, including its history and development, basic scientific laws of motion and gravity, the concepts of modern astronomy, and the methods used by astronomers to learn more about the universe. Additional topics include the solar system, the Milky Way and other galaxies, and the sun and stars. Using online tools, students will examine the life cycle of stars, the properties of planets, and the exploration of space.

CRIMINOLOGY: INSIDE THE CRIMINAL WORLD (Criminology - e4050)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

In today's society, crime and deviant behavior are often one of the top concerns of society members. From the nightly news to personal experiences with victimization, crime seems to be all around us. In this course, we will explore the field of criminology or the study of crime. In doing so, we will look at possible explanations for crime from psychological, biological, and sociological standpoints, explore the various types of crime and their consequences for society, and investigate how crime and criminals are handled by the criminal justice system. Why do some individuals commit crimes but others don't? What aspects in our culture and society promote crime and deviance? Why do individuals receive different punishments for the same crime? What factors shape the criminal case process, from arrest to punishments?

FORENSIC SCIENCE 1 & 2 (Forensic Science 1 - e2305; Forensic Science 2 - e2306)

Prerequisite: None

Course Detail: 2 Trimesters

Course Fee: None

Grade Level: 11-12

Credit: 1

Fingerprints. Blood spatter. DNA analysis. The world of law enforcement is increasingly making use of the techniques and knowledge from the sciences to better understand the crimes that are committed and to catch those individuals responsible for the crimes. Forensic science applies scientific knowledge to the criminal justice system. This course focuses on some of the techniques and practices used by forensic scientists during a crime scene investigation (CSI). Starting with how clues and data are recorded and preserved, the student will follow evidence trails until the CSI goes to trial, examining how various elements of the crime scene are analyzed and processed.

HEALTH & PERSONAL WELLNESS (Health/Personal Wellness - e9220)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 9

Credit: 0.5

This comprehensive health course provides students with essential knowledge and decision-making skills for a healthy lifestyle. Students analyze aspects of emotional, social, and physical health and how these realms of health influence each other. Students apply principles of health and wellness to their own lives. In addition, they study behavior change and set health goals to work on throughout the semester. Additional topics of study include healthy relationships, reproductive health, disease transmission, substance abuse, safety and injury prevention, environmental health, and consumer health.

MARINE SCIENCE 1 & 2 (Marine Science 1 - e2310; Marine Science 2 - e2311)

Prerequisite: None

Course Detail: 2 Trimesters

Course Fee: None

Grade Level: 11-12

Credit: 1

As our amazing planet continues to change over time, it becomes increasingly apparent how human activity has made environmental impacts. In the marine science course, students will delve deep into Earth's bodies of water and study geologic structures and how they impact the oceans. Students will investigate characteristics of various populations, patterns of distribution of life in our aquatic systems, and ongoing changes occurring every day in our precious ecosystems. Students will be amazed and enlightened at just how much our oceans and lakes affect climate, weather, and seasonal variations. They will have the opportunity to explore the relationships among living organisms and see how they are affected by our oceans currents, tides, and waves. Hold on, it is one amazing journey.

MYTHOLOGY AND FOLKLORE: LEGENDARY TALES (Mythology & Folklore - e4055)

Prerequisite: None

Course Detail: 1 Trimester

Course Fee: None

Grade Level: 11-12

Credit: 0.5

Mighty heroes. Angry gods and goddesses. Cunning animals. Mythology and folklore have been used since the first people gathered around the fire as a way to make sense of humankind and our world. This course focuses on the many myths and legends woven into cultures around the world. Starting with an overview of mythology and the many kinds of folklore, the student will journey with ancient heroes as they slay dragons and outwit the gods, follow fearless warrior women into battle and watch as clever animals outwit those stronger than themselves. They will explore the universality and social significance of myths and folklore, and see how they are still used to shape society today.

ENDEAVOR CHARTER SCHOOL



Endeavor Charter School is an individualized, project based learning environment for students in grades 9-12 interested in taking control of their own learning. The ideal Endeavor student is independent, motivated, curious and ready for a new challenge. Endeavor students are interested in self-improvement and passionate about linking school to personal goals and interests.

Endeavor Charter School and Watertown High School are located in the same building, but they are considered different schools. Because of this, Endeavor Charter School has its own graduation requirements and credit expectations. Students and families are encouraged to schedule a tour or meet with Endeavor Charter School staff before applying. Appointments can be made by calling (920) 262-7500 extension 6880.

Application Process

Applications for Endeavor Charter School can be picked up in Student Services, in room S156 or can be filled out electronically online. Applications are accepted November- February until all the seats are filled. Enrollment is limited to 60 students. If there are more applications than there are seats available, a lottery will be held in the first full week in February. If enrollment limits are not met, applications are accepted on-going for entry at the start of a trimester. Each student will be expected to attend a meeting with a parent and Endeavor staff to discuss and design a personalized learning plan before being admitted to Endeavor.

Earning Credit

At Endeavor Charter School we see earning credit as an opportunity and a responsibility. Students have the opportunity to design personalized learning plans that fit their unique interests. With this opportunity comes the responsibility for high academic standards.

- Students are given the opportunity to set individual goals about their courses and credit.
- Students have the responsibility to demonstrate each learning target at an A or B level in order to earn credit.
- Students are given the opportunity to revise projects and seminar work to relearn material.
- Students have the responsibility to follow personalized credit goal plans to stay on track to graduate with their class.
- Students are given the opportunity to earn credit in the order that makes sense to them.
- Students have the responsibility to earn 0.5 credit in a course for it to appear on the official school transcript.
- Students are given the opportunity to earn credit in a variety of ways including projects, seminars and online coursework.

Staff Support

Students will be assigned an advisor to help them work through setting goals, monitoring progress, planning projects and maintaining school records. Students will meet regularly with their advisor during Personalized Learning Time for student led conferences. Endeavor also has highly experience staff to support students in each of the four core areas.

Course Registration Requirements

- Endeavor Charter School courses are entered in Watertown Unified School District entity 850 in Skyward. All Endeavor students should register for:

21st Century Skills- 700

This required course focuses on skills such as communication, problem solving, goal setting and collaboration.

- Students interested in participating in Project Lead the Way classes should also register for those in the Watertown Unified School District entity 850 in Skyward.

Principles of Biomedical Sciences T1-304

Principles of Biomedical Sciences T2-305

Human Body Systems T1-306

Human Body Systems T1-307

- The remainder of the schedule and courses in Endeavor, including Personalized Learning Time, will be added by the student's advisor in Endeavor.
- Based on the personalized learning plan, Endeavor students who are interested in taking courses in Watertown High School can also register for up to 2 credits in the high school. Watertown High School courses are entered in Watertown Unified School District entity 800. These courses are entered using the course numbers listed in this book.
- Questions about the registration process should be directed to Judy Mueller (muellerj@watertown.k12.wi.us), lead teacher at Endeavor Charter School.