

Gillett High School



Course Description Booklet

2020-2021

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NON-DISCRIMINATION STATEMENT

It is the policy of the Gillett School District that no person shall, on the basis of race, color, national origin, sex, age, or handicap, be excluded from participation in, be denied the benefits of, or be subject to discrimination under any program or activity and in employment.

MISSION STATEMENT

The mission of the Gillett School District is to offer students a high quality educational experience in a secure learning environment which recognizes values and responds to student's individual needs.

WHY HAVE A SCHEDULING BOOKLET???

The purpose of this student scheduling booklet is to familiarize you with the policies, credits, requirements, and courses for Gillett High School and Triton. It is important for you and your parent(s)/guardian(s) to read the booklet carefully.

While using this booklet to select your courses for next school year, keep in mind that the courses you take will set the foundation for your occupational goals in life. If you have any questions or would like assistance in planning your schedule, please contact your faculty advisor/homeroom teacher. If you would like information on occupations and courses required for an occupation, look online at Xello or ask the school counselor.

SCHEDULING BASICS AT GILLETT HIGH SCHOOL

Gillett High School operates under a semester course program. This means that students will select separate courses for two separate semesters. Many courses are year-long while others are offered by the semester. Although a course may be one year (two semesters) in length, students will have the option to continue the course or drop it at the end of the first semester unless it is required. However, students must realize that most classes do not have openings during drop/add, and that schedule changes can only be allowed if space permits. Therefore, students must be careful in their course selection – realizing that they may not be able to change their schedules. The first semester of a one-year course will be identified with the letter “A” while the second semester will be identified with the letter “B”.

The 8 period day at GHS:

- Most classes meet in 8 periods of 48 minutes each.
- Students take 7 classes per semester; at least 3.5 credits per semester. This allows for one study hall per semester.
- Most classes are year-long classes (2 semesters). Some classes meet only Fall Semester or Spring Semester.

When and how classes meet at GHS:

- As a general rule, a class is awarded one tenth (0.1) credit for each hour it meets during the week.
- Most classes meet 5 days a week, for one semester for 0.5 credits

REGULAR SCHEDULE

| | |
|---------------|------------------|
| 7:55 – 8:43 | Period 1 |
| 8:47 – 9:35 | Period 2 |
| 9:39 – 10:26 | Period 3 |
| 10:30 – 11:18 | Period 4 |
| 11:18 – 11:48 | H.S. Lunch |
| 11:22 – 12:10 | Period 5a (M.S.) |
| 11:52 – 12:40 | Period 5b (H.S.) |
| 12:10 – 12:40 | M.S. Lunch |
| 12:44 – 1:32 | Period 6 |
| 1:36 – 2:24 | Period 7 |
| 2:28 – 3:15 | Period 8 |
| 3:19 – 3:45 | Period 9 |

DROPPING/ADDING CLASSES/SCHEDULE CHANGES

Student course selections drive scheduling and staffing needs of the high school. Because of this, care and concern **must** be made when students and their parents select courses for the upcoming school year. Because student course selection impacts budget and staffing, it is necessary to establish the following procedures for scheduling:

1. If a student would like to drop/add a class that he/she has chosen, it must be taken care of during drop/add periods. Drop/add will take place before the semester begins as well as during the first **three** days of the first semester. Students wishing to change their second semester schedule must do so prior to the start of second semester. All schedule changes need the approval of the teachers involved, the student's parents/guardians, and the principal.

Please note that schedule changes will only be made for the following reasons:

- Failure to meet the course prerequisite
 - A different course is required based on a failure or a noted deficiency in academic preparation leading towards graduation
 - Recommendation from a post secondary institution that a course is needed for meeting college entrance requirements
 - Desire to strengthen a schedule and eliminate a study hall
 - Request to take a study hall when one is not scheduled (note – 3.5 credits are required for all students)
 - Completion of summer school course work that makes a class being taken no longer necessary
 - Teacher recommendation that a course placement was not appropriate
 - A sequencing error occurs in the scheduling of classes
 - A scheduling conflict in the master schedule makes the student's schedule unworkable
2. Schedule changes may be considered or allowed if the proposed change in courses does not place the courses in question above or below enrollment capacity numbers.
 3. Students are required to take a minimum of 3.5 credits each semester of high school. No student will be allowed to drop courses if the drop places him/her below the minimum course load requirements.
 4. Special circumstances that fall outside the criteria established above will be considered only upon written request of the parent and student. Such requests will be sent to the principal for final consideration.
 5. No student will be allowed to drop any class after the third day of the first semester or after the second semester has begun. Any class terminated after that point will result in a semester grade of "F" on the permanent record.

Because some classes follow a different timeline, a different drop/add schedule must be followed. **All TRITON classes and NWTC courses follow a different drop/add schedule.** Students who sign up for any of these classes will not be allowed to drop after April 1st.

INCOMPLETES

When a student is missing a major project, test, or final exam because of an excused absence, the teacher has the option of issuing an Incomplete (I) grade for the grading period. In this event, students are given one calendar week (7 days) to complete the missing work. If the work is not finished within these 7 days, the missing work will be given a grade of F. Extenuating circumstances must be approved by the principal.

GRADUATION REQUIREMENTS

All students through the Class of 2021 are required to earn 26 credits for graduation from Gillett High School. Students in the Class of 2022 and beyond are required to earn 24 credits for graduation from Gillett High School. Each student is required to take a minimum of 3.5 credits per semester. During the four years of high school, each student is required to pass the following courses:

- Eight (8) semesters of Communication Arts (English)* 4.0 credits
- Six (6) semesters of Social Studies* 3.0 credits
- Six (6) semesters of Mathematics* 3.0 credits
- Six (6) semesters of Science* 3.0 credits
- Three (3) semesters of Physical Education* 1.5 credits
- One (1) semester of Health 0.5 credits
- One (1) semester of Personal Finance (Class of 2020 and beyond) 0.5 credits

*See department lists for specific course requirements.

In addition, during a student's high school career they are required to complete one semester of an Online/Blended format of Online/Blended format class, this requirement is supplemental to above-mentioned graduation requirements. (Class of 2020 and beyond)

FRESHMAN REQUIRED COURSES

Required Courses:

| | |
|----------------------------|------------|
| English 9/Honors English 9 | 1.0 credit |
| Pre-Alg./Algebra/Geometry | 1.0 credit |
| US History A&B | 1.0 credit |
| Physical Science/Biology | 1.0 credit |
| Health** | 0.5 credit |
| PE 9/10 | 0.5 credit |

**0.5 credits requirement for Health may be earned in grade 9.

SOPHOMORE REQUIRED COURSES

Required Courses:

| | |
|--|------------|
| English 10/Honors English 10 | 1.0 credit |
| Algebra/Geometry/Alg. II | 1.0 credit |
| US History C&D | 1.0 credit |
| Biology/Chemistry | 1.0 credit |
| Phy Ed 9/10, Personal Fitness/Wellness, or Strength & Cond | 0.5 credit |

JUNIOR REQUIRED COURSES

Required Courses:

| | |
|---|------------|
| English 11/Honors English 11 | 1.0 credit |
| Geometry/Alg II/Pre-Calc | 1.0 credit |
| Life Sports (can be taken junior or senior year) | 0.5 credit |
| Social Studies Elective courses (can be taken junior or senior year) | 1.0 credit |
| Personal Finance (can be taken junior or senior year) | 0.5 credit |
| Science Electives courses (can be taken junior or senior year, class of 2020) | 1.0 credit |

SENIOR REQUIRED COURSES

Required Courses:

| | |
|--|------------|
| English 12/NWTC English Composition I & Oral/Interpersonal Communication | 1.0 credit |
|--|------------|

4- Year Course Planning Worksheet

(see graduation requirements for each year)

Freshman Year

Junior Year

| Subject Area | Course Name | Credit |
|----------------|------------------------------|------------|
| English | English 9 / Honors English 9 | 1.0 |
| Science | Physical Science | 1.0 |
| Phy. Ed. | P.E. 9/10 | .5 |
| Math | | 1.0 |
| Health | Health | .5 |
| Social Studies | US History A/B | 1.0 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Total | | 7.0 |

| Subject Area | Course Name | Credit |
|--------------|------------------------------|------------|
| English | English 11/Honors English 11 | 1.0 |
| Business | Personal Finance (or 12) | .5 |
| Phy. Ed. | Life sports | .5 |
| Math | | 1.0 |
| Science | | .5 |
| Science | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Total | | 7.0 |

Sophomore Year

Senior Year

| Subject Area | Course Name | Credit |
|----------------|------------------------------|------------|
| English | English 10/Honors English 10 | 1.0 |
| Social Studies | US History C/D | 1.0 |
| Science | Biology | 1.0 |
| Phy. Ed. | P.E. 9/10 | .5 |
| Math | | 1.0 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Total | | 7.0 |

| Subject Area | Course Name | Credit |
|--------------|------------------------------------|------------|
| English | English 12 or NWTC English Classes | 1.0 |
| Business | Personal Finance (or 11th) | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Elective | | .5 |
| Total | | 7.0 |

**Total Credits Required for Graduation
(beginning with Class of 2022) = 24**

Total Credits Required for Graduation (through Class of 2021) = 26

UNIVERSITY OF WISCONSIN SYSTEM REQUIREMENTS

Admission requirements for the UW System vary from school to school. The following list should only be used as a general guideline. Specific admission requirements are available in Student Services.

Minimum course requirements for Admission:

| | |
|-------------------------|--|
| English: | 4 years (4.0 credits) |
| Mathematics: | 3-4 years (3.0 – 4.0 credits) must include Algebra, Geometry, and Algebra II. Pre-Calculus/AP Calculus preferred. |
| Science: | 3-4 years (3.0 – 4.0 credits) must include Physical Science, Biology, and an advanced Science such as Chemistry, Physics, Anatomy & Physiology, Microbiology. |
| Social Studies: | 3 years (3.0 credits) Additional Social Science classes can be counted as College Prep Electives. |
| Foreign Language: | 2 years (2.0 credits) this requirement varies from school to school. Some campuses require it for admission; others require it for graduation from the University. |
| College Prep electives: | 4.0 credits Additional courses in English, Math, Science, or Social Studies, Foreign Language, Fine Arts, Computer Science, and other academic areas. |

It is very important to remember that the requirements listed above are the MINIMUM allowed. The UW System schools are looking for students with the most rigorous high school schedules – especially during senior year.

WISCONSIN PRIVATE COLLEGE REQUIREMENTS

As with the UW System schools, there is some variance of admission requirements between campuses. Specific admission requirements are available in Student Services.

Minimum course requirements for admission:

| | |
|-------------------|-------------------------------|
| English: | 4 years (4.0 credits) |
| Mathematics: | 3-4 years (3.0 – 4.0 credits) |
| Science: | 3-4 years (3.0 – 4.0 credits) |
| Social Studies: | 3-4 years (3.0 – 4.0 credits) |
| Foreign Language: | 2-4 years (2.0 – 4.0 credits) |

Other requirements include:

- ACT or SAT scores
- Strong academic record with preference given to students taking challenging courses

As with the UW System schools, the private colleges make their admission decisions based primarily on the high school record, with emphasis placed on grades earned within the context of courses taken. Rigor, especially during 11th and 12th grade, is important.

WISCONSIN TECHNICAL COLLEGE REQUIREMENTS

Each program has specific requirements for admission. Please look online or talk to the school counselor if you need more information about the requirements of a specific program. The following courses are listed as a general guideline for admission.

| | |
|--------------------|----------------------------------|
| English: | 4 years (4.0 credits) |
| Mathematics: | 3-4 years (3.0 – 4.0 credits) |
| Science: | Depends on program |
| Social Studies: | Depends on program |
| Technical Courses: | 3-4 courses in field of interest |

***Many NWTC programs have pre-application requirements. Your best bet is to look at the NWTC online for more information on this. 0

CLASS RANK

Class rank simply compares a student's performance against the performance of the other members of the class. Students and parents should be certain to check the class rank requirements for each individual post-secondary school of their choice, as there are variations from campus to campus. For example, the UW campuses usually require students to rank in at least the top 40% of the class. Some campuses are more selective and want the majority of their students ranking in the top 25% of the class. The University of Wisconsin Center campuses will accept students in the top 75% of the class. In some cases, a lower class rank will be accepted in combination with strong ACT/SAT scores.

Most of the twenty-one independent (private) colleges in Wisconsin require a rank in the top 50% of the class. Again, there is some variation in this requirement for the individual campuses so students should consult their high school counselor or college admissions counselor for specific admission requirements.

WEIGHTED GRADES

The Gillett School District recognizes that the curriculums used for college level courses are more rigorous and places higher level expectations on students than traditional high school level courses. As such, the district will use a Weighted Grading Scale for college courses and Advanced Placement. For example, NWTC Psychology and AP Calculus are weighted classes on a 5.0 scale.

The Weighted Grading Scale shall be as follows:

| | | | | | |
|----|------|----|------|----|------|
| A | 5.00 | B- | 3.67 | D+ | 2.33 |
| A- | 4.67 | C+ | 3.33 | D | 2.00 |
| B+ | 4.33 | C | 3.00 | D- | 1.67 |
| B | 4.00 | C- | 2.67 | F | 0.00 |

COLLEGE OF THE MENOMINEE NATION LEARN AND EARN PROGRAM

The Learn and Earn Program allows Gillett High School 11th and 12th grade students to take one college class (3 college credits) per semester at the College of Menominee Nation (CMN). All tuition, books, and fees for the class are paid through a grant at CMN. These college credits can, in many cases, be transferred to other four-year colleges and universities as well as the technical colleges through the state. For more information, please contact The school counselor or the CMN at 715-799-5600 X3120.

NCAA CLEARINGHOUSE INFORMATION

The NCAA Clearinghouse was set up to assist prospective student-athletes to access information needed to understand the Division I and Division II eligibility requirements, register with the Clearinghouse and access individual Clearinghouse records. Prospective college athletes must take a minimum of 16 core course credits in order to be eligible to participate in Division I and Division II athletics. **It is important to note that not all of the courses offered by Gillett High School meet the core course criteria required by the NCAA. The school counselor is available to help parents/guardians and student-athletes with the selection of courses that meet NCAA criteria, but the ultimate responsibility lies with the parent/guardian and student-athlete.**

The NCAA has established a website that includes all of the information high school athletes need to know to become eligible for college athletics. This website is <http://www.eligibilitycenter.org>. You will be able to access the Gillett High School courses that qualify as core courses. Enter GHS's school code (500725) to gain access to the approved list of courses. A copy of the "Guide for the College-Bound Student-Athlete" can also be accessed at the above site.

Division I – 16 Core Courses

- 4 years of English
- 3 years of Mathematics (Algebra or higher)
- 2 years science
- 1 year additional English, math, or science
- 2 years social studies
- 4 years from any above area or foreign language

Division II – 16 Core Courses*

- 3 years of English
- 2 years of Mathematics (Algebra or higher)
- 2 years science
- 3 years of additional English, math, or science
- 2 years of social studies
- 4 years from any above area or foreign language

*Division II requirements effective for Class of 2013 and later

ADDITIONAL PROGRAMS

The Gillett School District, in cooperation with different agencies, offers numerous learning opportunities for our high school students that are in addition to the traditional classroom environment. Below is a description of the Work Coop, Youth Apprenticeship program, Dual Enrollment opportunities, and Advanced Placement course offerings.

WORK COOP PROGRAM

The Work COOP Program has been developed to form a bridge between school and work. Work Experience is available to high school seniors. Work Experience is currently available in Agriculture, Health Sciences, Technical Education, and Business.

Work Coop students have the opportunity to gain experience in the workforce for one period, either 1st or 8th, in the school day that will help them to prepare for their future career after high school. Students in the Work Coop program are employed (or have a long-term job-shadow experience) with their employer. Students also take classes that are directly related to their employment, either from Gillett High School or NWTC. Finally, Work Coop students earn high school credit for their work experience and coursework. Work Experience is graded on a pass/fail scale. This grade does not count towards grade point average, but the credit earned does count towards graduation. Students must have at least a 2.0 GPA and be on track to graduate. For more information about the Work COOP Program, please see the school counselor.

YOUTH APPRENTICESHIP PROGRAM

- Up to 3 credits (per year) as a senior or 2 credits as a junior
- Open to juniors and seniors
- A one or two year program.

Youth apprenticeships will be available based on student interest. The student is exposed to the interview process with a potential worksite, and if chosen, will work at that site (employer) for one or two years. In addition, related instruction specific to the skills needed in these areas are taught by school staff or private sector individuals. The student will need to take a class related to that pathway (1 hour each semester).

In addition to credits towards graduation, students receive a Certificate of Occupational Proficiency from the Governor's Work-Based Learning Board and advanced standing in their program at technical colleges around the state. To sign up for this program please contact the school counselor for an application.

NOTE: Students who apply need to sign up for a normal load of classes at GHS. When accepted into the program, your GHS class schedule will be modified.

For more information about Youth Apprenticeship, please see the Mr Zimmerman.

DUAL ENROLLMENT

Dual Enrollment includes a variety of programs through which high school students are dually enrolled in both high school and college to earn both high school and college credit. Such programs make college more affordable for families and introduce students to higher level coursework before they immerse themselves in college life. For more information please visit <https://dpi.wi.gov/dual-enrollment>. Please note that both Youth and Course Options have been replaced by Start College Now and Early College Credit Program and there are deadlines.

ADVANCED PLACEMENT (AP) CLASSES

AP courses are college-level courses, taught with college textbooks and exams that can give students college credit in the form of advanced standing when they enter their freshman year of college. There is an end-of-course AP final on which you have to score a 3, 4, or 5 (depending on the college to which you are applying) in order to get college credit. AP courses give students a preview of college-level work. They're a lot of work and require much reading, writing, problem sets, and--for the science courses--lab time. They'll give you a real feeling of accomplishment, though, when you're done. Through the TRITON network, Gillett High School may be able to offer various AP classes to our highly-motivated students. More information about AP Classes can be obtained from the school counselor.

OTHER HIGH SCHOOL/COLLEGE CREDIT OPPORTUNITIES

Gillett High School is fortunate to offer several college courses for college credit to current GHS students. More information can be obtained by the individual course descriptions in this booklet. There are also many high school classes that can be taken online through WEN. Talk to the school counselor about taking classes related to a student's academic career plan.

TRITON CLASSES

The TRITON Distance Learning Network allows our students to take classes that would otherwise be unavailable to them. These classes are taught by teachers from other high schools. If a student is interested in taking a TRITON class, a few important points must be remembered:

- TRITON classes are subject to availability
- TRITON classes, in most cases, are yearlong courses. Students will not be allowed to drop Year Long Courses at the end of the fall semester.
- Students who take TRITON classes must follow the TRITON scheduled time for their class. This is especially important on Late Start Days, because the TRITON teacher's home district probably does not have a similar Late Start schedule.
- Students who sign up for TRITON classes cannot drop after April 1st. In other words, if you sign up for a TRITON class for next year, you only have until that date to drop.
- NWTC classes taken through the Triton Distance Learning Network are Dual Enrollment courses, as a result students will need to follow the guidelines established for Dual Enrollment courses.

IMPORTANT SCHEDULING POINTS TO REMEMBER

- ✓ Are you meeting the graduation requirements of Gillett High School?
- ✓ Are your course selections appropriate for your post-secondary plans (armed services, college, and work)?
- ✓ Will your course selections make you competitive when you apply to college and/or the workforce? Remember, technical and four-year colleges, and especially employers, want students who have taken the most rigorous schedule possible. The minimum will no longer cut it!
- ✓ If there is a certain class you want to take in 11th or 12th grade, are you taking the prerequisite class now? You need to plan ahead to get all of your courses in.
- ✓ Because some classes follow a different timeline, a different drop/add schedule must be followed. All TRITON classes, as well as all weighted grade classes, must follow the different drop/add schedule. Students who sign up for any of these classes will not be allowed to drop after April 1st, 2017.

Our Master Schedule is based completely on what classes you choose. In other words, your class choices write the Master Schedule. Be very, very careful with your class selections. You may not be able to change your schedule around in drop/add. **As a general rule of thumb – classes that do not have enough students signed up will not be offered. Please choose your courses wisely!**

COURSE DESCRIPTIONS

All courses offered at Gillett High School are listed in the section by departments. Each course listed contains the following information:

- 1) Course title
- 2) Length of course (semester or year)
- 3) Number of credits/semester that the course is worth.
- 4) When it is offered (fall, spring, or both)
- 5) Brief description of course
- 6) Who should take the course (Grades 9, 10, 11, 12)
- 7) Prerequisites (This tells what the student must do before he/she can take this course). Some courses have no prerequisites.

Many courses are not offered until spring or until the 2019-2020 school year. If you would like to take one of these courses, check to see if the course has a prerequisite that you should take during the first semester.

Example: John Doe would like to take Spanish IB. It is offered only in the spring semester. In order to take it, a student must have taken Spanish IA first. Therefore, if John wants Spanish IB, he must take Spanish IA during the first semester. (Spanish IA is a prerequisite for Spanish IB).

Read through the course offerings carefully. Select courses which will be of the greatest value for you. Talk to the subject area teacher, your homeroom teacher, or counselor for additional information.

AGRICULTURE

| <u>Animal Systems</u> | <u>Food Products & Processing Systems</u> | <u>Natural Resources Systems</u> | <u>Plant Systems</u> | <u>Career Development</u> |
|--|---|----------------------------------|---|---|
| Pet & Companion Animals Animal Science ** Veterinary Science** | Food Processing I Food Processing II Food Science** | Great Outdoors Forestry | Greenhouse & Crop Management Horticulture* | Leadership & Group Dynamics Seniors Only |

**Transcripted credit available through NWTTC (transcription not required).*

***Science-equivalent course. Helps satisfy science credit requirement for graduation.*

~Animal Systems Pathway~

Pet/Companion Animal Care - 06000

(Offered every other year, starting Fall 2020)

1 Semester

0.5 credit

Fall OR Spring Semester

Grades 9-12

This course will allow you to explore the selection of animals, feeding, reproduction, animal health and behavior of specific animal species. Domestic animals that will be covering include: dogs, cats, rabbits, and additional species to be determined by the class. Animal welfare and animal rights will also be discussed. Hands-on experience with animals will be part of the class.

Animal Science - 06020

1 Semester

0.5 credit

Spring Semester

Grades 10-12

The major focus of the course is to expose students to the world of agriculture, animal science, and career options. Students participating in the course will have experiences in various animal science concepts with exciting hands-on activities, projects, and problems. Students' experiences will involve the study of animal behavior, nutrition, reproduction, selection, and marketing. Throughout the course, students will consider the perceptions and preferences of individuals within local, regional, and world markets.

Veterinary Science - 06050 (Science Credit)

1 Semester

0.5 credit

Fall Semester

Grades 10-12

Do you want to go into the medical field? Or do you just love animals? This course teaches basic concepts of animal health. As a part of this course, we will be exploring the veterinary practices used in the industry for both small and large animals including safety, terminology, anatomy and physiology, clinical practices, and more. Hands-on experiences with animals will be part of the class.

~Food Products & Processing Systems Pathway~

Food Processing I - 06100

1 Semester

0.5 credit

Fall Semester Only

Grades 9-12

This course will prepare students for careers in raw food processing. Topics for processing include: dairy foods, meat products, fruit and vegetable processing and specialty products. Cutting edge foods will be created along with sustainable locally grown commodities. Other units include: food safety, beneficial and harmful food microorganisms, fermentation, dehydration, packaging, and other processes. Students will use the agriculture food lab.

Food Processing II - Course #06110

1 Semester

0.5 credit

Spring Semester Only

Grades 9-12

Prerequisite: Food Processing 1

This course will continue students' preparation for careers in raw food processing. Topics for processing include: eggs and poultry, beverages, grains, confectionery and chocolate products and specialty products including maple syrup. Other units include food preparations, safety and sanitation, and packaging.

Food Science - 06110 *(Science Credit)*

| | | | |
|------------|------------|-----------------|--------------|
| 1 Semester | 0.5 credit | Spring Semester | Grades 10-12 |
|------------|------------|-----------------|--------------|

Students will complete hands-on activities, projects, and problems that simulate actual concepts and situations found in the food science and safety industry, allowing students to build content knowledge and technical skills. Students will investigate areas of food science including food safety, food chemistry, and food processing.

~Natural Resources Systems Pathway~**Forestry - 06210****(Offered every other year, next running in 2021-22)**

| | | | |
|------------|------------|---------------------------|--------------|
| 1 Semester | 0.5 credit | Fall Semester Only | Grades 10-12 |
|------------|------------|---------------------------|--------------|

Students will explore the forestry industry and conservation practices for the 21st century. This course focuses on Wisconsin forestry and includes Wisconsin forest history, identification, dendrochronology, succession, economic impacts, demands in local markets and interactions within the ecosystem. Students will gain practical experience in managing our natural resources. We will utilize the school forest for labs and hands-on experiences.

The Great Outdoors - 06220**(Offered every other year, next running in 2021-22)**

| | | | |
|------------|------------|-----------------------------|-------------|
| 1 Semester | 0.5 credit | Spring Semester Only | Grades 9-12 |
|------------|------------|-----------------------------|-------------|

This course is designed to provide students with a deeper appreciation for our wildlife and natural resources. Topics will include careers, wildlife species, hunting, and fishing. A focus will be on Wisconsin species. ATV Safety, Snowmobile Safety and Boaters Safety will be taught as part of this course. In order to earn your certificates, a fee of \$10/Certificate will apply (total of \$30 for all 3 certificates).

~Plant Systems Pathways~**NWTC Introduction to Horticulture - Course #06430**

| | | |
|------------|------------|-----------------------------|
| 1 Semester | 0.5 credit | Spring Semester Only |
|------------|------------|-----------------------------|



Grades 10-12

Do you enjoy being outdoors and working with plants? This course will allow to get a head start in potential careers in the plant and landscape industry. Students will explore the horticulture industry, plant culture, identification, propagation, physiology, selected aspects of horticulture industry including fruits, vegetables, ornamentals, greenhouse systems, landscape techniques, home gardens, and turf. We will use the Gillett High School Greenhouse as a hands-on learning laboratory.

****Note: This course can be transcribed for credit through NWTC with Junior/Senior standing. Course #10-001-110**

Greenhouse & Crop Management (Independent Study) - 10130

| | | | |
|------------|------------|-----------------------------|--------------|
| 1 Semester | 0.5 credit | Spring Semester Only | Grades 10-12 |
|------------|------------|-----------------------------|--------------|

Prerequisite: Horticulture

Do you enjoy plants? This course will expose you to the art and science of growing plants, shrubs, trees, flowers, fruits, vegetables and crops. We will cover a wide variety of topics, including greenhouse and nursery operations, soil, fruit and vegetable production, turf/golf course management, weed and pest control and floral design.

~Career Development~**Agriscience Career Planning - Course # 20538**

| | | | |
|------------|------------|---------------------------|----------|
| 1 Semester | 0.5 credit | Fall Semester Only | Grade 12 |
|------------|------------|---------------------------|----------|

This class is designed to assist students with scholarship applications, resume creation, and completion of job applications. It will further teach life skills such as laundry, basic small appliance maintenance, and following recipes in the kitchen.

Leadership & Group Dynamics - 06500

| | | | |
|------------|------------|-----------------------------|-------------|
| 1 Semester | 0.5 credit | Spring Semester Only | Grades 9-12 |
|------------|------------|-----------------------------|-------------|

This class will challenge students to find the leader within in order to make them competitive in today's society. Working independently and as a team member, this course is designed to educate the student on premier leadership, personal growth and career success. Skills in the areas of communication, goal setting, time management, financial planning, and job interviews will be taught. Students will also have an opportunity to explore their personality traits and improve their written communication skills.

~TRITON CLASSES: Agriculture~

NWTC Energy-Intro Renew & Sustain - TRITON Class **Subject to scheduling availability*
1 Year 0.5 credit/Semester Spring Semester Grades 9-12

This class is an overview of various renewable energy technologies and sustainable design practices and their current applications. Emphasis will be placed on energy consumption, efficiency, and conservation.

****Because this class is a TRITON class, a different drop/add schedule must be followed. Students who sign up for this class will not be allowed to drop it after April 1st.**

ART

Faces & Figures A - 09041
1 Semester 0.5 credit **Fall Semester Only** Grades 9-12

There is nothing more challenging and rewarding than to learn how to draw and sculpt the human figure and face. This course will be a detailed exploration into the expression of the human condition through art and hands-on projects featuring 2D and 3D art forms. FACES & FIGURES I will focus on the human face with a detailed exploration of the skull, facial features, and how to express emotion. Students will learn to compose and develop portraits that express their style and their subject's mood and emotions using media such as pencil, charcoal, paints, and computer drawing tablets, wood, plaster, found objects and more!

Faces & Figures B - 09042
1 Semester 0.5 credit **Spring Semester Only** Grades 9-12

There is nothing more challenging and rewarding than to learn how to draw and sculpt the human figure and face. This course will be a detailed exploration into the expression of the human condition through art and hands-on projects featuring 2D and 3D art forms. FACES & FIGURES II will focus on the body in motion and at rest. Students will learn about human proportions, the skeleton, the muscular structure, arms and upper torso, legs and lower torso, and hands and feet. This is a must have class for anyone wanting to go into Fine Arts, Art Education, Graphic Arts, and/or Animation!

Art & Design I - 09021
1 Semester 0.5 credit **Fall Semester Only** Grades 9-12

Art & Design takes you on an aesthetic journey through various art mediums, 2D as well as 3D. You will explore different avenues of drawing, painting, and printmaking as well as exploring sculpting with paper mache, wood, cardboard, clay and art metals. Having drawing skills are not necessary for this class, but you should come with an open mind ready for creative exploration into the different mediums and art styles that make up the art world. You will also be learning about the art elements and principles on your journey, as well as theories and practices, so come along and enjoy the colorful ride!

Art & Design II - 09022
1 Semester 0.5 credit **Spring Semester Only** Grades 9-12

Using the basics learned in Art & Design I, students will examine the application of the design elements, principles and specific media choices to communicate visually. Semester coursework will involve a variety of design problems based within the multiple art career fields including graphic design, lettering, sculpture, drawing, printmaking and architecture. A broad range of art based career fields will be explored including product design, graphic design, illustration, architecture, and, and more. In addition, this class will examine the multiple philosophies of historical art movements and create meaning of our own through discussion and art applications. Art & Design II will be an exciting exploration into a career field that has limitless possibilities!

The Art of Photography - 09031

1 Semester

0.5 credit

Fall OR Spring Semester

Grades 9-12

Digital photography with its ever advancing cameras, printers, inks and papers has evolved to a point where it not only matches traditional film photography, but can also extend traditional possibilities. The Arts depend heavily on photographic images, and any artist should have complete control over the possibilities that photography offers. This semester long course will connect with the internet to explore, post, and establish your photographic presence on the web all while learning to use Adobe's Photoshop to manipulate and edit your photos. You will study and recreate the different genres of fine art photography: portraits, landscapes, product, instructional, and more! You will look at photography from a historical standpoint while exploring the future possibilities like HDR (High Dynamic Range) photography. We will visit with professional photographers and learn from the pros. But most importantly, you will learn to develop the habit of looking closely at the visible world around you in order to represent it in terms of aesthetics and truth.

2D Art Studio: Drawing and Painting - 09001

1 Semester

0.5 credit

Fall OR Spring Semester

Grades 9-12

Prerequisite: Any one semester of Art & Design or Figures & Faces

This course is recommended for students who have an interest in two-dimensional design. The coursework will focus on developing drawing and painting skills that were learned in previous middle school and high school art classes. This course will also encourage students to develop their natural artistic talents by completing a variety of unique and challenging projects in a multitude of 2-D media. More challenging projects in pencil work will be developed as well as ink architectural drawings and stippling with markers. While developing their painting skills students will have a chance to use watercolors, tempera, acrylic and oil colors as they paint landscapes, still life, portraits and fantasies! The course will provide students with diverse 2D art experiences while practicing the skills necessary for success in a variety of art related careers. Assignments will emphasize design, craftsmanship, and problem solving. Units will explore the fundamentals involved in painting, perspective, art history, computer-generated art, drawing and shading, color theory, printmaking, and pattern.

3D Art Studio: Clay, Paper, and Beyond! - 09002

1 Semester

0.5 credit

Fall OR Spring Semester

Grades 9-12

Prerequisite: Any one semester of Art & Design or Figures & Faces

This course is recommended for students who have an interest in three-dimensional design. It provides students with fundamental knowledge and the diverse experience necessary for success in future college art classes or art related career fields. This course encourages students to develop their natural artistic talents by completing a variety of unique and challenging projects in multitude of 3-D media. Assignments emphasize design, craftsmanship, and problem solving. Units explore the fundamentals involved in tile mosaics, paper mache sculptures, wood, metal, architectural design, art history, clay construction, and relief sculpture.

Senior Portfolio - 09110

1 Semester

0.5 credit

Fall OR Spring Semester

Grade 12

Prerequisite: Senior Standing, plus at least 2 semesters of any Art & Design, Faces & Figures and/or a 2D or 3D Art Studio.

In previous high school art classes students were exposed to a variety of fine art media while learning about the art elements and principles of design. As an artist advances in his or her career, they begin to gravitate to an area of emphasis in either 2D (like drawing or painting) or 3D (like sculpting and fiber arts), and their genre of art begins to be chosen as well (like portraiture or landscape art). Senior Portfolio is an individual journey down the path that interests the student the most. Working with your teacher you will develop an Individual Artistic Plan (IAP) where you will meet goals and benchmarks during the semester as you begin to develop your style, all the while fine tuning your aesthetic judgments. (con't.)

Being able to write and talk about your ideas and expressions is a very important element of being a fine artist as well. In fact, it may be the winning factor of a successful career. Exhibition of your work, and getting your work seen, will be another item on the agenda. This will be done locally with gallery shows and globally by establishing an online presence.

Yearbook - 07901/07902

1 Semester or 1 Year 0.5 credit/Semester Fall & Spring Semester Grades 9-12

Students in Yearbook learn photography, how to design pages, and deal with sales and advertising. They further develop other skills, like interviewing, graphic design and how to utilize the computer program. Students incorporate these skills while creating a yearbook for students and teachers to purchase, all the while meeting deadlines. It is important that members of this class can manage their time well, work independently, communicate with others, have an eye for creativity, and be able to finish by the due dates assigned. **Repeatable for credit.*

BUSINESS**Accounting IA & IB - 08101/08102**

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 11-12

This course is open to juniors and seniors who have had or currently have Intro to Business. Sophomores may take this course with permission of the business education instructor. This course is recommended to all students who are planning to pursue a career in business. Some of the material taught in this course will include: setting up the accounting cycle, purchasing merchandise, selling merchandise, taxes, making and receiving payments from creditors and customers, keeping a business checking account, completing financial statements, and determining whether a business is making a profit or loss each fiscal period. **Students will have the option of taking the CLEP exam for potential college credit.**

Introduction to Business - 080101 Semester 0.5 credit **Fall Semester Only** Grades 9-12

Get a “true” look at business by discovering how a business works. Students will have the opportunity to run their own business by handling day to day transactions in a true-to-life simulation. Students will apply for loans, apply for jobs, hire employees, complete payroll, purchase stocks, conduct meetings, market and advertise their business and interact with each other while running a profitable company.

Intro to Marketing - 080001 Semester 0.5 credit **(Offered every other year, next running in 2021-22)
Spring Semester Only** Grades 9-12**Prerequisite: Intro to Business**

Marketing activities are found in every type of business! In this course students will explore the foundations of marketing, specifically focusing on the *marketing mix*—place, price, product and promotion. Projects, hands-on activities, and group work are prevalent. We will make new products, make old products better, package our products, advertise and promote them and engage in personal selling—a fun and valuable class!!

Personal Finance - 08300 (GRADUATION REQUIREMENT)

1 Semester 0.5 credit Fall & Spring Semester Grades 11-12

This course is meant to inform you of your various financial responsibilities. This course gives students a consistent framework for thinking through financial choices in order to improve their well-being. Decisions require action. Students who take charge of their finances are better prepared to invest in themselves and cope with the financial ups and downs that life will bring. An activity and project-based approach will be used. Units Covered: Financial Wellbeing, Managing Your Money, Earning, Receiving, Saving, Spending, Credit and Credit Cards and Taxes.

NWTC Micro Word 1 & Micro Excel 1 - 082011 semester 0.5 credit **Fall Semester Only** Grades 9-12

Word processing basics including creating, revising, formatting, printing; sections, tabs, multiple-page numbering; manipulating text; creating headers/footers; creating/formatting tables, graphics; and merging documents. creating a worksheet, enhancing worksheet appearance, moving and copying data, using formulas and functions, creating charts and using clip art. Windows experience improves success; consider 10-103-111, Windows/Computer Basics.

NWTC Transcription Option: Word 1 Course # 10-103-121; Excel 1 Course # 10-103-131

NWTC Micro Word 2 & Excel 2 - 08202

1 semester 0.5 credit

Spring Semester Only

Grades 9-12

**Prerequisite: Micro Word 1 and Excel 1**

Advanced word processing features including working with headers/footers, inserting quick parts, themes, styles, sort and select; footnotes/endnotes, images, shapes, shared documents; specialized tables and indexes; forms; and sharing data. Advanced formatting techniques and functions, working with templates, collaborating with multiple Excel users, creating macros, Excel's database features and analysis tools.

NWTC Transcription Option: Word 2 Course #10-103-122; Excel 2 Course #10-103-132**NWTC Microsoft Productivity 3: Access and PowerPoint - 08203**

1 semester 0.5 credit

Fall or Spring Semester

Grades 9-12

**Prerequisite: Micro Word 1 or 2**

Presentation skills using: graphics, diagrams, design themes, sounds, animations, slide transitions, and integration with other software. Windows experience improves success; ...creating/modifying database tables, compacting a database, managing records, defining table relationships, creating queries, calculations, and aggregate functions, sorting, and using form/report wizards. Windows experience improves success; consider 10-103-111, Windows/Computer Basics.

NWTC Transcription Option: Micro: Access Intro Course #10-103-141; Micro: PowerPoint Intro Course #10-103-151**~TRITON CLASSES: Business~****NWTC Business Principles- TRITON Class**

1 Semester 0.5 credit

Fall Semester

Grades 11-12



This class is about economics and business; global business; ethics and social responsibility; business ownership; entrepreneurship; business management; marketing; managing financial resources; legal issues impacting business; using technology to manage information.

NWTC Transcription Option: #101-102-158; 3 college credits**NWTC SELLING PRINCIPLES - TRITON Class**

1 Semester 0.5 credit

Fall Semester

Grades



11-12

This class is about selling as a career; success factors in selling; personality development; product knowledge; and the sales process involving preparation, approach, presentation demonstration, handling objections, and closing the sale successfully.

NWTC Transcription Option: #10-104-101; 3 college credits**NWTC COLLEGE 101**

1 Semester 0.25 credit

Fall Semester

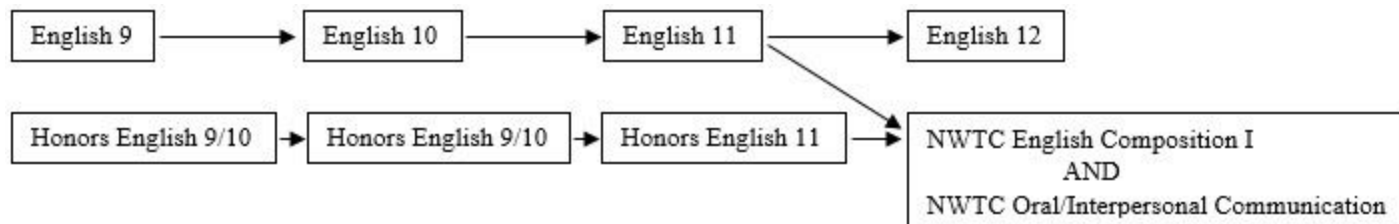
Grades 11-12



This class helps students to develop tools and strategies that support success in college. Focuses on study skills, college resources, goal setting, time management, and learning styles. Introduces concepts for self assessing learning and completing an Exit Assessment that provides evidence that learning took place. Students should take this course prior to or during the first semester of their programs.

Will need to be paired with an online class since it is only a 2 month long class.*NWTC Transcription Option: 10-890-101**

COMMUNICATION ARTS/ENGLISH



All students are required to pass four (4.0) credits of Communication Arts in order to graduate.

NOTE: Honors English placement is based off of teacher recommendation, 8th grade performance, and placement test scores. *Students are not allowed to drop Honors English courses once fall semester has begun. Students are also not allowed to drop Honors English courses at semester – this is a year-long commitment. Students who do not maintain a C+ average in Honors English courses will be dismissed from the program without the option of re-enrolling at a future date.*

FRESHMAN REQUIRED ENGLISH CLASSES

English 9A & B - 02001/02002

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 9

Freshman English is a year-long course required of all freshmen. Topics that will be covered include the short story, non-fiction, poetry, science fiction, and *Romeo and Juliet*.

OR

Honors English 9/10 A & B - 02051/02052

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 9

Topics that will be covered include the short story, non-fiction, poetry, science fiction, *Romeo and Juliet*, *The Odyssey*, *Great Expectations*, *The Adventures of Tom Sawyer*, and *Lisa Bright and Dark*. In addition to these texts we will be emphasizing on improving writing skills and working on an in-depth research paper.

SOPHOMORE REQUIRED CLASSES

English 10A & B - 02011/02012

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 10

English 10 will allow students to connect readings to the human experience as well as making meaningful connections with their own lives. Types of texts to be covered will include narrative texts, journalistic texts, mythology, contemporary drama, and historical fiction. Writings will include responses to readings, narrative essays, journalistic texts, argumentative essays, and historical fiction. Students will also present a variety of their writings in the form of speeches.

Honors English 9/10 A & B - 02051/02052

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 10

In accordance with the state common core standards, English 10 Honors essentially offers the same themes and general curriculum as English 10. However, the texts, writing assignments, speeches and analyses required are of a more advanced level and rigorous rate. Although the text and writing types, and genres are similar, students should expect to be challenged in accordance to an honors level course.

JUNIOR REQUIRED ENGLISH CLASSES

English 11A & B - 02021/02022

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 11

English 11 continues to build on concepts covered in previous English classes. Literary texts include: narrative texts, Shakespearean tragedy, contemporary works, the U.S. Constitution, and fictionalized memoir and/or biography. Writings include responses to readings, informative/explanatory essays, analyses, and fictionalized biography.

OR

Honors English 11A & B - 02041/02042

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 11

In accordance with the state common core standards, English 11 Honors essentially offers the same themes and general curriculum as English 11. However, the texts, writing assignments, and analyses required are of a more advanced level and rigorous rate. Although the text and writing types, and genres are similar, students should expect to be challenged in accordance to an honors level course.

SENIOR REQUIRED ENGLISH CLASSES**English 12A & B - 02031/02032**

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 12

As in English 11, English 12 includes literary texts from additional narrative texts and another Shakespearean tragedy. Additionally, timeless topics connected to the U.S. Constitution and science fiction works are addressed. Writings continue to include responses to readings, informative/explanatory essays, analyses, and science fictional.

OR**NWTC English Composition I - 02101**

1 Semester 0.5 credit/Semester Fall & Spring Semester Grade 12



Learners develop knowledge/skills in planning, organizing, writing, editing. Students will also analyze audience/purpose, use elements of research, format documents using standard guidelines, and develop critical reading skills. **With teacher approval.**

NWTC Transcription Option: 10-801-136**AND****NWTC Oral/Interpersonal Communication - 02102**

1 Semester 0.5 credit/Semester Fall & Spring Semester Grade 11*- 12



The communication process, perception and self-concept, language, listening, nonverbal communication, interpersonal relationships, communication in groups and public communication; prepare and deliver an oral presentation. ***With teacher approval for juniors and seniors.**

NWTC Transcription Option: 10-801-196**~TRITON CLASSES: Family and Consumer Sciences Courses~****Child Development 1 - TRITON Class (BL)**

1 Semester 0.5 credit/Semester Fall Semester Grades 10 – 12

During this class students will study the decision to parent, the financial and emotional aspects of parenting, and various parenting styles. The development of a child beginning with fetal development and the birth process and continuing through age one will be explored extensively. Students will become familiar with the social, emotional, physical, and intellectual development of infants. This course is recommended for individuals who plan to pursue careers in child related fields such as teaching, day care, counseling, pediatrics and to any student who hopes to someday become a parent. * There is no guarantee that the Real Care Baby project will remain a part of the curriculum.

This is a blended course; it will meet part of the time via TRITON with the remainder of the classwork to be done online.

FOREIGN LANGUAGE

Spanish I A & B - 13001/13002

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 9-12

Students will develop a basic working knowledge of Spanish. To reinforce the topics being studied, students will actively participate in class using the four basic communication skills of listening, speaking, reading and writing. At the end of this course, students should be able to express what they want to say using the present tense and the simple past tense along with course-related vocabulary and expressions. Students will also develop an appreciation for the cultures of Spanish-speaking people around the globe as they explore different customs.

Spanish II A & B - 13011/13012

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 9-12

Prerequisite: Successful completion of Spanish IA and IB.

Students will develop a more extensive knowledge of Spanish, building on the basics they learned in Spanish I. To reinforce the topics being studied, students will actively participate in class using the four basic communication skills of listening, speaking, reading and writing. At the end of this course, students should be able to express what they want to say using the present tenses, the past tenses, the future tenses, and command forms along with course-related vocabulary and expressions. Students will continue to develop an appreciation for the cultures of Spanish-speaking people around the globe.

Spanish III A & B - 13021/13022

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 10-12

Prerequisite: Must have a grade of C or better in Spanish IIA and IIB

Students will develop a more extensive knowledge of Spanish continuing to build the curricula and skills covered in Spanish I and Spanish II. To reinforce the topics being studied, students will actively participate in class using the four basic communication skills of listening, speaking, reading and writing. At the end of this course, students should be able to express what they want to say using more complex verb tenses, such as the perfect tenses and the imperfect subjunctive along with course-related vocabulary and expressions. They will start exploring Hispanic literature and develop reading comprehension skills as well as cultural topics of interest.

Spanish IVA & B - 13031/13032

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 11-12

Prerequisite: Must have a grade of C or better in Spanish IIIA and IIIB

Students will develop a thorough knowledge of Spanish continuing to build the curricula and skills covered in Spanish I-III. To reinforce the topics being studied, students will actively participate in class using the four basic communication skills of listening, speaking, reading and writing. They will continue to expand their usage of complex verb constructions. They will extensively explore Hispanic literature and continue to develop upper level reading comprehension skills, further broadening their vocabulary.

~TRITON CLASSES: Foreign and Sign Languages~

NWTC American Sign Language I - 50641 - TRITON Class

1 Semester 0.5 credit Fall or Spring Semester Grades 10-12

**Subject to scheduling availability*



This course includes non-manual grammatical markers, signing, finger spelling, classifying, and the technology related to deafness
****Because this class is a TRITON class, a different drop/add schedule must be followed. Students who sign up for this class will not be allowed to drop it after April 1st. A college teaches this course. It will be taught at a college level and the primary audience is the college-age or adult learner. As such, the content of this class will be for adult students.**

NWTC Transcription Option: #10-533-110

Prerequisite: Communicating with the Deaf I

A more in-depth course relating to deaf culture including non-manual grammatical markers, signing, finger spelling, classifying, and the technology related to deafness. **Because this class is a TRITON class, a different drop/add schedule must be followed.

Students who sign up for this class will not be allowed to drop it after April 1st. *A college teaches this course. It will be taught at a college level and the primary audience is the college-age or adult learner. As such, the content of this class will be for adult students.*

NWTC Transcription Option: #10-533-111

INDEPENDENT STUDY PROGRAMS

Independent Study courses are only open to juniors and seniors. Students may receive credits for independent study in several departments. If you are interested in researching a particular topic which is not offered in our curriculum, you may do it for credit with the guidance of a teacher. The following procedure must be followed by a student wanting Independent Study:

1. Get an independent study proposal form from the school counselor.
2. Contact teacher for approval and revision.
3. Complete the form and have it approved by the school counselor and the principal..
4. All Independent Study classes must be approved before the first day of the semester.

ODYSSEYWARE- CTE COURSES

(All requests are subject to counselor and principal approval)

What is Odysseyware?

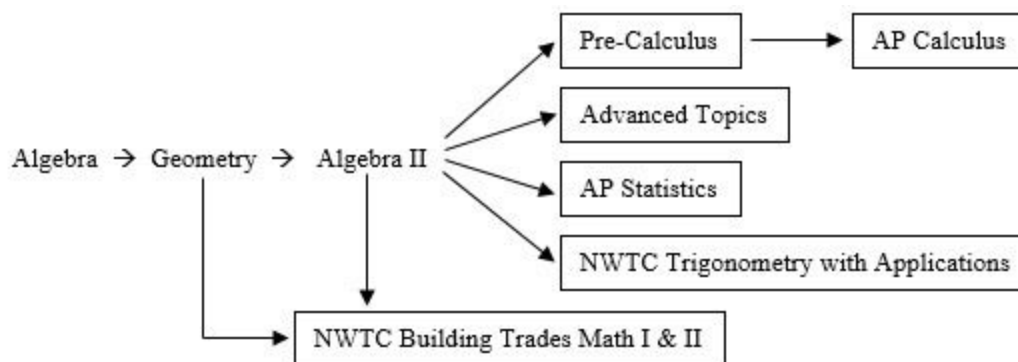
Odysseyware was designed to prepare students for learning and working in the 21st Century. By integrating 21st Century Skills, classes help students develop digital fluency, become self directed learners and get ready for the post secondary environment. To do so, Odysseyware utilizes new and emerging technologies to provide a broad spectrum of access to a high-quality standards-driven curriculum in an environment that is self-paced and able to accommodate students' varying physical locations and timeframes.

Flexible Scheduling, Accelerated and Personalized Learning

Odysseyware broadens access to courses that students may be looking for or simply cannot fit into their busy school schedules. The flexibility of scheduling online courses with the Odysseyware during the school day allows students to create their own academic experience. At Odysseyware, you aren't confined to a one-size-fits-all classroom. Learn when and where it best fits your lifestyle and at the speed that fits your learning style. If you find a subject easier, work ahead. Find a course more challenging, spend more time. Not only do you gain flexibility, you develop the independent study skills needed to succeed in any educational setting - and in life.

Through the use of Odysseyware, our online curriculum programming, we are able to provide students with not only an alternative method of receiving their core instruction but we are also able to provide a large list additional online learning opportunities in a variety of Career and Technical Education (CTE) courses. Our list of CTE courses is frequently growing, our current offerings are listed on the following page. If you would like to learn more about the possibilities of taking courses utilizing Odysseyware through Odysseyware please see the school counselor.

MATHEMATICS



Pre-Algebra A & B - 01001/01002

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 9

Prerequisite: Teacher recommendation based upon WKCE scores, and placement test scores.

The purpose of this course is to develop fundamental concepts and skills. By the time the student completes this course they should be able to work efficiently with whole numbers, fractions, decimals and percents. Students must have a math department recommendation to be in this class.

Algebra I A & B - 01011/01012

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 9 or 10

Prerequisite: Teacher approval based standardized test scores, or successful completion of 8th grade Math or Pre-Algebra.

Algebra is actually an extension of Arithmetic. In this case, the ideas of arithmetic are used with letters and symbols in place of numbers and words. Some of the items studied are formulas, graphs, equations, different kinds of numbers, ratio and proportion. Algebra is designed so that it can be used in business, economics, and industry. It is also a foundation of the more complicated mathematical sciences.

Geometry A & B - 01021/01022

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 9-11

Prerequisite: Algebra I A & B

Geometry is a course in which figures such as lines, angles, triangles, quadrilaterals, circles and other many shaped figures are studied. This course helps the student solve problems which require use of logic and thinking processes. Architects, engineers, navigators, pilots and designers are just some of the people who use geometry.

****Note:** Students may take *Geometry A & B* and *Algebra II A & B* in the same year with instructor approval. This is the only time students are able to “double up” on math.

Algebra II A & B - 01031/01032

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 10-12

Prerequisite: Geometry A & B

After a short review of first year algebra, students learn the skills necessary in future mathematical or science training. Algebra II is focused more on the graphical side of algebra than Algebra I. Some of the topics covered in this course are systems of equations, exponential functions, logarithms, binomial expansion, complex numbers, radicals, and polynomial functions.

****Note:** Students may take *Geometry A & B* and *Algebra II A & B* in the same year with instructor approval. This is the only time students are able to double up on math.

Pre-Calculus A & B - 01041/01042

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 11-12

Prerequisite: Algebra II****Students are strongly recommended to have a graphing calculator. The TI 83, TI 83 Plus, TI 84 or TI 84 plus are the only calculators used during class time demonstration.**

Some of the areas studied in this course are Linear Relations and Functions, Theory of Equations, Trigonometry, Sequences and Series, Polar Coordinates and Complex Numbers, Exponential and Logarithmic Functions, The Straight Line, Conics, and Limits, Derivatives and Integrals. It is designed for students interested in furthering their education in the areas of math, science, engineering, nursing, architecture, electronics, etc.

Advanced Topics - Course #108331 Semester 0.5 credit **Fall Semester** Grades 11-12**Prerequisite: Algebra II or teacher approval**

This class will cover a variety of topics in mathematics that are present in many entry level post-secondary courses that have limited exposure in Algebra I, II, and Geometry. Such topics include matrices, percentages, right triangle trigonometry, equations of circles and ellipses, and other assorted topics. Students should have passed Algebra I and Geometry before taking this class.

AP Statistics - Course #01061

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 11-12

Prerequisite: Algebra II or teacher approval

This may well be one of the most useful math courses you will ever take. We encounter statistics in some form every day. In this class, you will learn proper ways to collect meaningful data, how to summarize data with graphs and numerical descriptions, and, most importantly, how to use data to make inferences (conclusions) about the population as a whole. This includes measures of central tendency, measures of variability, grouped data, the normal distribution, central limit theorem, hypotheses testing, estimations, T-distribution and chi square test. Opportunity for college credit with passing score on AP Exam.

****Students are required to have a graphing calculator. The TI 83, TI 83 Plus, TI 84 or TI 84 plus are the only calculators used during class time demonstration.****AP Calculus - 01051/01052**

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 12

Prerequisite: Pre-Calculus, placement test, teacher approval, GPA.

Pre-calculus mathematics will be presumed but reviewed as needed. Limits and continuity of functions; the derivative, its meaning, computation and applications; the definite integral, its meaning, computation and applications; differentiation and integration of logarithmic, exponential and trigonometric functions; and the fundamental theorem of calculus

****Students are required to have a graphing calculator. The TI 83, TI 83 Plus, TI 84 or TI 84 plus are the only calculators used during class time demonstration.******Because this class is a college-level class, a different drop/add schedule must be followed. Students who sign up for this class will not be allowed to drop it after April 1st, 2019.****NWTC Building Trades Math I & II - 01091/01092**

1 year 0.5 credit/semester Fall & Spring Semester Grades 10*-12

Prerequisites: 2 high school math credits, teacher approval, AND a math Accuplacer score of 65 or higher.

This course provides the opportunity for the learner to develop the knowledge skills process and understanding of whole numbers, fractions, decimals, measurement, trigonometry, integers, algebraic equations, word problems, and practical plane geometry. This course will count as a math credit for high school in addition to the college credit.

Open to sophomores who have completed Geometry (with teacher approval).*NWTC Transcription Option: # 10-804-101 and # 10-804-102.**

NWTC Trigonometry With Applications - 01100

1 semester 0.5 credit/semester Fall & Spring Semester Grades 11-12



Prerequisites: Algebra II or teacher approval

This course offers trigonometry content with applications. Topics include circular functions, graphing of trigonometric functions, identities, equations, functions of angles, inverse functions, solving triangles, complex numbers, DeMoivre's Theorem, polar coordinates, and vectors. This course will count as a math credit for high school in addition to the college credit.

NWTC Transcription Option: # 10-804-196

~TRITON CLASSES: Mathematics



NWTC Math Reasoning

TRITON Class *Subject to scheduling availability

1 Semester 0.5 credit/Semester Fall Semester Grades 9-12

This course provides an alternative pathway to earning credit for a college level liberal arts mathematics course. All college students, regardless of their college major, need to be able to make reasonable decisions about fiscal, environmental, and health issues that require quantitative reasoning skills. An activity based approach is used to explore numerical relationships, graphs, proportional relationships, algebraic reasoning, and problem solving using linear, exponential and other mathematical models. Students will develop conceptual and procedural tools that support the use of key mathematical concepts in a variety of contexts. This course is not designed for Science, Technology, Engineering, or Math (STEM) students and/or others who require calculus. **NWTC Transcription Option: 10-804-134 Math Reasoning.**

**Because this class is a TRITON class, a different drop/add schedule must be followed. Students who sign up for this class will not be allowed to drop it after April 1st.

MUSIC

Concert Choir - 11011/11012

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 9-12

Prerequisite: Prior enrollment or teacher approval.

The Concert Choir is a team of individuals committed to joyful music making. Approximately four REQUIRED concerts are performed each year. We cover a variety of musical styles, from early classical to modern jazz and pop. Students are encouraged to participate in the annual WSMA Solo/Ensemble event held in other conference schools in late March. This event allows each student to prepare a solo, duet, trio or other ensemble at their own achievement level of class C, B or A. Choir or combined band and choir trips are planned every two years to participate in festivals or competitions. No previous experience is necessary but students are expected to work hard.

Concert Band - 11001/11002

1 Year 0.5 credit/Semester Fall & Spring Semester Grades 9-12

Prerequisite: Prior enrollment or teacher approval.

Concert Band is a performance based class open to all students having an interest in making music. Many school-owned instruments are available for student use for those who do not have their own instrument. Attendance for Pep Band, Concerts and Festivals is a requirement. Band also requires short individual or group lessons. Lessons will consist of reviewing class music and also lesson books for more challenging music as appropriate. Jazz Ensemble, Marching Band, Polka Band and various other ensemble groups all come from the band class enrollment. Most rehearsals are during class time. At least three main concerts are held each year – a Holiday/Christmas Concert, an Awards Concert in May, and a Spring WSMA Conference Festival performance held at Gillett. The band also plays for Graduation. The band marches in the Gillett 4th of July Parade with some marching preparation before the end of the school year. Band or combined Band and Choir Trips are planned every two years to participate in Festivals or competitions. Also offered for qualified students are summer music camps and graduation scholarships for those pursuing a college music degree. Fundraising activities provide partial funds for these scholarships and reduce student cost for these trips.

Guitar - 11110

1 Semester/1 Year

0.5 credit/Semester

Fall and/or Spring Semester

Grades 9-12

Are you interested in learning the basics of guitar? Get your start in building your guitar jamming skills by learning to read notes on the staff, chord symbols, and guitar tablature. Play music from folk to rock. You'll be on your way to starting your own band in no time. Guitars will be provided.

Piano - 11787

1 Semester/1 Year

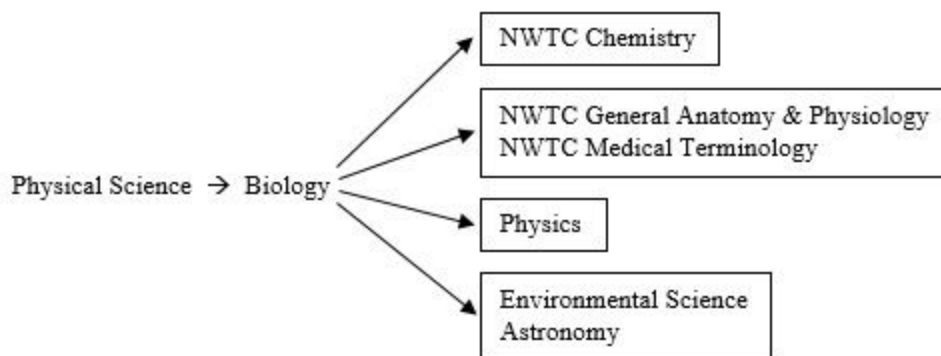
0.5 credit/Semester

Fall and/or Spring Semester

Grades 9-12

Being able to play the piano opens up many different doors to musicians. Whether you want to jump start your career as a concert pianist, or simply want to be able to read and play music, this is the class for you! Students will work at their own speed and will have weekly playing assessments. All levels of musical abilities are welcome!

NATURAL SCIENCE

**Physical Science A & B - 03001/03002**

1 Year

0.5 credit/Semester

Fall & Spring Semester

Grade 9

This is a survey course covering three big areas in science. A third of the year we will be learning about environmental science. The next third of the school year will be focusing on chemistry. The remainder of the year will be focused on physics topics.

Biology A & B - 03011/03012

1 Year

0.5 credit/Semester

Fall & Spring Semester

Grades 9-10

This course is a general study of life and associated processes with correlative environmental concerns. The fundamental unity and contrasting diversity of life forms are emphasized. Appreciation and respect for life and its sustenance are nurtured. Investigatory skills with science methodology are incorporated throughout.

****Note – this course can be taken at the same time as physical science for some Freshmen based on teacher recommendation.**

NWTC General Chemistry A & B - 03021/03022

1 Year 0.5 credit/Semester Fall & Spring Semester

Grades

**Prerequisites: Biology and Algebra (or teacher approval), *Sophomores with teacher approval.**

The outcome for introductory chemistry is to give students the ability to interpret everyday events in terms of chemical concepts and principles. Stress will be placed on laboratory skills and techniques, and laying groundwork that can be added upon in college. Students will complete a sequential curriculum that includes the nature of matter, atomic theory, intro quantum theory, nomenclature, reactions, stoichiometry, gas and solution chemistry, equilibrium, and introductory acid/base chemistry. Students will receive 4 transcribed credits at NWTC for this course if they maintain a C-grade or better for the entire year. The credits are transferable to most UW schools and are the introductory course for the NWTC nursing program.

NWTC Transcription Option: #10-806-134**Physics A & B - 03051/03052**

1 Year 0.5 credit/Semester Fall & Spring Semester

Grades 11-12

Prerequisite: Algebra II

This course focuses heavily on the mathematical computations of physics. Students will use formulas and equations to explore different areas and begin to understand the connections between science and mathematics, therefore a solid foundation of algebra is required. Approximately $\frac{3}{4}$ of the year will focus on the study of mechanics in order to prepare students for their first year of college physics. Topics within mechanics will include units review, motion in one and two-dimensions, forces, gravity, rotation, and momentum. The remainder of the year will focus on concepts such as energy, work, machines, electricity and magnetism – topics more consistent with a second year course. Several labs and projects throughout the year will tie the computations to real-world models and examples.

NWTC General Anatomy and Physiology - 03081/03082

1 Year 0.5 credit/Semester Fall & Spring Semester

Grades 11-12

**Prerequisite: Biology A and B**

This course examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole body anatomy and physiology to informed decision-making and professional communication with colleagues and patients. This course is transcribed credit through NWTC, and students who complete this course will be awarded 4 college credits. This class will transfer to the majority of the UW campuses. Specific credit transfer information can be found on the transfer information website at <http://tis.uwsa.edu/>. **NWTC Course #10-806-177. *With teacher approval***

NWTC Medical Terminology - 03090

1 Semester 0.5 credit Spring or Fall Semester

Grades 11-12

**Prerequisite: Biology A and B**

This class focuses on the component parts of medical terms: prefixes, suffixes, and root words. Students practice formation, analysis and reconstruction of terms. Emphasis will be on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology. This course is transcribed credit through NWTC, and students who complete this course will be awarded 3 college credits. Specific credit transfer information can be found on the transfer information website at <http://tis.uwsa.edu/>.

NWTC Transcription Option: #10-501-101. *With teacher approval***Environmental Science - 03040**1 Semester 0.5 credit **Fall Semester Only**

Grades 11-12

Prerequisite: Biology A and B

Environmental Science is a one semester overview course designed to give students information on the climate and global/local environments with emphasis on the human impact on the planet. Topics will include an intro to ecology, energy sources, and human interaction with the planet, pollution and stress in the environment, global warming, and models of the future. Focus will be given to labs/projects and documentaries/discussions, to students' developing opinions on environmental issues.

Criminal Forensics A - 030311 Semester each 0.5 credit **Fall Semester Only** Grades 10 – 12****Class size is limited to 18 students****Prerequisite: Biology A and B or teacher approval, Algebra A and B**

This introductory course is designed to teach students the basics of Criminal Forensics – a study of the application of science to the justice system. This course explores the basics of crime scene photography, evidence collection, searches, fingerprints and other basic principles of crime scene investigation. The course includes crime scene scenarios in which students investigate staged crimes. Emphasis on teamwork, investigative skills, report writing and evidence collection skills. Elective class.

Criminal Forensics B - 030321 Semester 0.5 credit **Spring Semester Only** Grades 10-12****Class size is limited to 18 students****Prerequisite: Successful completion of Criminal Forensics A**

This course is designed to continue the studies of Criminal Forensics for those students wishing to expand their knowledge in the field of Criminal Justice. Topics include advanced techniques in evidence collection, dental evidence, firearms, anthropology, drugs, gangs, courtroom procedures, etc. The course includes crime scene scenarios in which students investigate staged crimes. Emphasis on teamwork, investigative skills, report writing and evidence collection skills. Elective class.

Astronomy - 806190

1 Semester 0.5 credit Spring or Fall Semester Grades 11-12

Prerequisite: Junior or Senior standing (Sophomores with teacher approval)

This course introduces you to the composition and structure of the universe. Astronomy is the scientific study of the contents of the entire Universe. This course will provide the student with a study of the universe and the conditions, properties, and motions of bodies in space. The content includes, but is not limited to, historical astronomy, astronomical instruments, the celestial sphere, the solar system, the earth/moon system, the sun as a star, and stars.

~TRITON CLASSES: Natural Sciences**NWTC Principles of Sustainability- TRITON Class**

1 Semester 0.5 credit Spring Semester Grades 11-12

This class prepares the student to develop sustainable literacy, analyze the interconnections among the physical and biological sciences and environmental systems, summarize the effects of sustainability on health and well-being, analyze connections among social, economic, and environmental systems, employ energy conservation strategies to reduce the use of fossil fuels, investigate alternative energy options, evaluate options to current waste disposal and recycling in the U.S., and analyze approaches used by your community to promote and implement sustainability.

**NWTC Transcription Option: #10-806-112; 3 college credits****NWTC Culture of Healthcare- TRITON Class**

1 Semester 0.5 credit Spring Semester Grades 11-12

This class prepares learners to work in the healthcare environment as part of a healthcare team. Learners will investigate the healthcare community, patient privacy standards, and the professional behavior that is expected in today's medical community. Learner will examine various aspects of verbal and written communication skills, customer service principles, and problem solving techniques necessary to be a vital member of the healthcare workforce.

**NWTC Transcription Option: #10-501-104; 2 college credits**

NWTC Digital Literacy for Healthcare- TRITON Class

1 Semester 0.5 credit Spring Semester Grades 11-12

This course will explore the use of the electronic health record, the role of social media in health care communication, the uses of wearable technologies that monitor activity and heart rate, the use of data to manage population health and the impact of new developments on the healthcare workforce.



NWTC Transcription Option: #10-501-107; 2 college credit

PHYSICAL AND HEALTH EDUCATION

Health - 05000

1 Semester 0.5 credit Fall or Spring Semester Grades 9

This semester course looks at different aspects of today's health. It will focus on mental health, tobacco, alcohol, drugs, diseases and disorders, body systems, nutrition, First Aid and CPR, and sexual education. After this course, students will have a better understanding of their total health. Students should complete this course with the knowledge of what it means to be a healthy American citizen.

***Per WI Statute, students are required to successfully pass one semester (0.5 credits) of Health between grades 7-12. If a student passes 0.5 credits of Health in grades 7 or 8, it can be used to satisfy the Health class requirement, meaning that Health will not need to be retaken in high school.

Physical education is a required subject for all boys and girls. A total of 1.5 credits in physical education are counted in the 26 credits for graduation. Students need to take one PE 9/10 class, have the choice of either one PE 9/10, Personal Fitness, or Sports & Conditioning class, and one Life Sports class. Students are not expected to achieve the same level of physical effectiveness but each individual is to strive to increase his/her physical proficiency at his/her own level of achievement. This may mean compensating for a handicap or possibly the gaining of coordination through exercise. For others, it could mean becoming an expert in tumbling or sports. If a student participates to the best of his ability in a physical training program, student will benefit both physically and mentally.

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Students in physical education activities learn to work for the common good respect the personalities of their fellow students and act in a sportsmanlike manner. The physical activities also provide high school students a socially acceptable outlet for tensions and aggressions which sometimes build up under the pressure of living.

A student may be exempt from physical education if he/she has a written statement from a doctor or minister. This statement must be turned into Student Services or the physical education teacher before the student is excused from physical education. If you have questions about the medical excuse policy, contact the principal. Athletic participation is not an excuse for not taking physical education. A student excused from physical education may not participate in athletics for that length of the excuse.

Physical Education 9/10 - 05010

1 Semester 0.5 credit/Semester Fall or Spring Semester Grades 9-10

Required for Freshmen and Sophomores (Sophomores may opt to take Personal Fitness)

Emphasis in physical education is put on health, hygiene and body-building. Through selected activities, students increase their physical proficiency. This course will continue to work on skill development, basic rules for team, individual, and dual games, and weight room and fitness activities.

Personal Fitness and Wellness - 05030

1 Semester 0.5 credit/Semester Fall or Spring Semester Grades 10-12

Prerequisite: Recommend one semester of 9/10th grade Physical Education

This class will focus on the five components of physical fitness and one of those components will be addressed each day of the week. Areas will focus on nutrition, weight-lifting, cardiovascular fitness, stretching, yoga/pilates, personal well-being, and stress management. An individualized program will be designed by each member of the class. Students are able to take this course more than once for credit. (½ credit counts towards PE credit, but doesn't replace Life Sports)

Life Sports A & B - 05020

1 Semester 0.5 credit/Semester Fall or Spring Semester Grades 11 or 12

Required one semester, either Junior or Senior year.

The Physical Education program for Juniors/Seniors is geared at lifelong sports. There will be a variety of sports offered each semester for students to choose from. Examples of course offerings are: tennis, archery, skiing, badminton, golf, fishing and shuffleboard. (Fee required for golf and bowling trip)

Strength and Conditioning A - 05041

1 Semester 0.5 credit **Fall Semester** Grades 10-12

This course is designed to teach skills of properly lifting of weights with the use of free weights and machines. The course is designed to help tone up and strengthen body parts, becoming more aware of how body parts work. Isometric and isotonic movements are stressed. The class is also designed to help the student to develop any weaknesses in their body parts.

Strength and Conditioning B - 05042

1 Semester 0.5 credit **Spring Semester** Grades 10-12

This course will be a continuation Strength and Conditioning A with more intense lifting. It will also include teachings on a variety of lifting techniques, identifying smaller muscle groups, and diet and foods that enhance muscle mass. This class is not a replacement for the required physical education classes.

SOCIAL STUDIES

Elective Offerings

US History A & B → US History C & D →

| | |
|-----------------------|----------------------|
| American Problems | AP US History |
| Wisconsin History | NWTC Sociology |
| Macroeconomics | NWTC Psychology |
| World History | NWTC Introduction to |
| Government & Politics | Diversity Studies |

United States History A & B (Early American History to 1877) - 04251/04252

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 9

****Required for Freshmen**

A study of United States history from the earliest Native Americans to the voyages of discovery and early European settlement in North America, through colonial rivalries, the struggle of the English colonies for independence, the expansion and development of the young republic, and the crises of the Civil War.

United States History C & D (1877-Present) - 04011/04012

1 Year 0.5 credit/Semester Fall & Spring Semester Grade 10

****Required for Sophomores**

A study of United States History from the Civil War and Reconstruction period through industrialization, overseas expansion, world leadership, and domestic problems to include present issues. Analysis of primary source documents will be emphasized.

American Problems A - 04241

| | | | |
|------------|---------------------|---------------------------|-------------|
| 1 Semester | 0.5 credit/Semester | Fall Semester Only | Grades 9-12 |
|------------|---------------------|---------------------------|-------------|

American Problems is the study of the consumer and citizen related responsibilities faced by all in our mixed, free enterprise society. Emphasis is placed on economic issues including microeconomic and macroeconomic topics that affect us as citizens and taxpayers of the nation, personal finance which affect us daily including budgets, major purchases, and credit. Broad and contemporary sociological and psychological issues are included throughout the course. Study and discussion of various problems present in America through the use of current events, magazines, newspapers, internet, and news programming will enhance students' civic and moral constitution.

American Problems B - 04242

| | | | |
|------------|---------------------|-----------------------------|-------------|
| 1 Semester | 0.5 credit/Semester | Spring Semester Only | Grades 9-12 |
|------------|---------------------|-----------------------------|-------------|

American Problems is the study of the consumer and citizen related responsibilities faced by all in our mixed, free enterprise society. Emphasis is placed on economic issues including microeconomic and macroeconomic topics that affect us as citizens and taxpayers of the nation, personal finance which affect us daily including budgets, major purchases, and credit. Broad and contemporary sociological and psychological issues are included throughout the course. Study and discussion of various problems present in America through the use of current events, magazines, newspapers, internet, and news programming will enhance students' civic and moral constitution. ****American Problems A is NOT a prerequisite for this course.**

AP United States History - 04251/04252**(Offered every other year starting 2017-18)**

| | | | |
|--------|---------------------|------------------------|--------------|
| 1 Year | 0.5 credit/Semester | Fall & Spring Semester | Grade 11- 12 |
|--------|---------------------|------------------------|--------------|

AP U.S. History focuses on developing students' understanding of American history from approximately 1491 to the present. The course has students investigate U.S. history for significant events, individuals, developments, and processes in nine 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 seven themes (American and national identity; migration and settlement; politics and power; work, exchange, and technology; America in the world; geography and the environment; and culture and society) that students explore throughout the course in order to make connections among historical developments in different times and places. **AP History can replace the Junior US History C/D requirement.**

Wisconsin History - 11118

| | | | |
|------------|------------|-------------------------|-------------|
| 1 semester | 0.5 credit | Fall or Spring Semester | Grades 9-12 |
|------------|------------|-------------------------|-------------|

Wisconsin History is a historical survey of Wisconsin from before it was a state to the present. We will investigate the geography, Native American inhabitants, exploration, immigration, agriculture, industry, economics, social issues, government, war involvement, traditions, tourism, environment, and the arts that have shaped the state and transformed our lives. Rediscover "Meskousing" and Wisconsin history with us.

Macroeconomics - 111019**(Offered every other year starting 2018-19)**

| | | | |
|------------|------------|-------------------------|--------------|
| 1 semester | 0.5 credit | Fall or Spring Semester | Grades 11-12 |
|------------|------------|-------------------------|--------------|

Macroeconomics is the study of national economies as a whole. In this class we will take a look at broad economic ideas that impact national and international markets and groups of people. Emphasis will be put on the relationship between supply and demand while also analyzing productivity within a nation. In addition, an emphasis on reading and creating economic model charts will be used.

NWTC Intro to Diversity Studies - 11119

| | | | |
|------------|------------|-------------------------|--------------|
| 1 Semester | 0.5 credit | Fall or Spring Semester | Grades 11-12 |
|------------|------------|-------------------------|--------------|



Introduces learners to the study of diversity from a local to a global environment using a holistic, interdisciplinary approach. Encourages self-exploration and prepares the learner to work in a diverse environment. In addition to an analysis of majority/minority relations in a multicultural context, the primary topics of race, ethnicity, age, gender, class, sexual orientation, disability, and religion are explored.

NWTC Transcription Option: #10-809-172

NWTC Intro to Sociology - 04230

1 Semester

0.5 credit

Fall Semester Only

Grades 11-12

The nature and variety of groups; inequality, race, and ethnicity, family, population, social integration and change, collective behavior, politics, economics; religion and education; and the effects of technology. This course is transcribed through NWTC, and students who complete this course will be awarded 3 college credits.

NWTC Transcription Option: 10-809-196. With teacher approval

NWTC Introduction to Psychology - 04210

1 Semester

0.5 credit

Spring Semester Only

Grades 10-12



Survey of theoretical foundations of human behavior such as sensation and perception, motivation, emotions, learning, personality, psychological disorders, therapy, stress and human diversity in personal, social, and vocational settings. This course is transcribed through NWTC, and students who complete this course will be awarded 3 college credits.

NWTC Transcription Option: 10-809-198. With teacher approval

World History A - 04121

1 Semester

0.5 credit/Semester

Fall Semester Only

Grades 9-12

World History is a course that develops a greater understanding of the evolution of global history and interactions with different types of human societies. The course highlights the nature of change & continuity, cause & effect, and turning points among major societies. We will then use that information to help us see history through the eyes of those who lived it, and how the past affects societies today. Using time periods and themes throughout the year will help us to make connections between different groups of people and their histories. Section A will focus on River Civilizations, such as the Nile and Mesopotamia, Ancient Greece and Rome, Medieval Times, and the Renaissance and Reformation.

****World History A is NOT a prerequisite for World History B. Each may be taken as a semester course.**

World History B - 04122

1 Semester

0.5 credit/Semester

Spring Semester Only

Grades 9-12

World History is a course that develops a greater understanding of the evolution of global history and interactions with different types of human societies. The course highlights the nature of change & continuity, cause & effect, and turning points among major societies. We will then use that information to help us see history through the eyes of those who lived it, and how the past affects societies today. Using time periods and themes throughout the year will help us to make connections between different groups of people and their histories. Section B will focus on the Age of Exploration and Colonization, Age of Reason, 19th and 20th Century Revolutions, World War I and World War II.

Government & Politics - Course # 04254

1 Semester

0.5 credit

Spring Semester Only

Grades 11-12

This class will begin with a study for understanding the development and structure of the US Government and Bureaucracy. From there, we will explore history of political parties, debates and divisions. An analysis of the US Constitution, with a focus on the Bill of Rights, will transition into looking at the rights and powers and of the Executive, Legislative and Judicial Branches. Students will have the opportunity to understand their civil rights and civil liberties, while understanding how they are connected to Citizenship.

~TRITON CLASSES: Social Studies~

NWTC Paralegal Intro/ Legal Ethics-**TRITON Class**

1 Semester

0.5 credit

Fall Semester

Grades 11-12



This class is an introduction to the legal profession: ethics, court system, legal research, and roles of the paralegal.

NWTC Transcription Option: #101-101-101, 3 college credits

NWTC Courts/ Jurisdiction- TRITON Class

1 Semester 0.5 credit Spring or Fall Semester Grades 11-12
 This class is about the development of the American judicial system, the federal and Wisconsin court structure, Wisconsin judicial rules and procedures from complaint to sentencing as they impact police or correctional officers.
NWTC Transcription Option: #10-504-132; 3 college credits



NWTC Intro to Ethics: Theory and Apps- TRITON Class
 1 Semester 0.5 credit Fall or Spring Semester Grades 11-12



This class is about the basic understanding of theoretical foundations of ethical thought; analyze/compare relevant issues using diverse ethical perspectives; critically evaluate individual, social/professional standards of behavior--applying a systematic decision-making process.
NWTC Transcription Option: #10-809-166; 3 college credits

NWTC Developmental Psychology TRITON Class
 1 Semester 0.5 credit Spring Semester Grades 11-12



This class defines human development; examines theories; heredity and environmental effects; prenatal development and birth; evaluates biosocial, cognitive psychosocial development through the lifespan; aging, death, and dying.
NWTC Transcription Option: #10-809-198; 3 college credits

TECHNOLOGY EDUCATION

~Consumer Tech Ed~

Basic Car Care - 11318 (Offered every other year, next running in 2021-22)
 1 Semester 0.5 credit Fall or Spring Semester Grades 10-12
****Class size is limited to 8 students** ****Only Female Students May Enroll In This Course**

Want to become more self-reliant or have to rely less on expensive vehicle repair technicians? This course is designed to teach basic vehicle purchasing, maintenance, and repair. Proper tool usage, procedures, and safety will be stressed. Vehicle topics will include tires, filters, electrical, fluids, purchasing, and safety checks.
NOTE: Safety glasses required at student's expense.

~Wood Manufacturing and Construction~

Basic Woodworking - 07129
 1 Semester 0.5 credit Fall or Spring Semester Grades 9-12

The Basic Woodworking course concentrates on the properties and use of wood through small useful projects. Objectives of this course include making accurate measurements, estimating cost materials, use of hand and power tools, and wood finishing. Some projects include making a customized CNC routed frame, rolling pin using a lathe, along with a storage rack.

Tiger Enterprise-Manufacturing Focus - 11305
 1 Year 0.5 credit/Semester Fall & Spring Semester Grades 9-12

Students taking this course will get a feel for what it is like to work for and **own** a company. From the design of the prototype, to the running of an assembly line to complete the production, students will work together as a team to mass produce products for resale. Students taking this course will learn to operate a variety of different machines while working with many different materials and processes. Students have the opportunity to participate in various company positions. This class will collaborate with Tiger Marketing.
NOTE: Safety glasses required at student expense.

Cabinet Shop I - 21320 **Course Offered Every Two Years - Next Available: Fall 2020**

1 Semester 0.5 credit **Fall Semester Only** Grades 9-12

This course is designed to teach the proper cabinet shop procedures and principles necessary to construct a fine cabinet. A major project is required at the conclusion of this class which will incorporate the student's cabinetmaking knowledge and ability. Machine set up, CNC router use, and safety will be taught on a parallel basis with this class.

NOTE: Safety glasses and cabinet are required at student expense.

Cabinet Shop II - 11315

1 Semester 0.5 credit

Course Offered Every Two Years - Next Available: Spring 2021

Spring Semester Only

Grades 9-12

Prerequisite: Cabinet Shop I

To extend the field of cabinet and furniture construction, this course explores advanced techniques and special set-up necessary for students looking toward a career in cabinet or furniture construction. Students in this class will first construct a required furniture project. Students will then design and build a piece of furniture or cabinet of their choice that meets the course requirements.

NOTE: Safety glasses and project are required at student expense

Cabinet Shop III - 21321

1 Year 0.5 credit/Semester

Course Offered Every Two Years - Next Available: 2021-22

Fall & Spring Semester

Grades 10-12

Prerequisite: Cabinet Shop 2

This course is designed for students to reach mastery levels in the cabinet construction field. Students will be required to design, construct, and complete a complex project. Students will demonstrate mastery levels of understanding and skills in the following areas: woodshop safety, design and planning, cabinet joinery and construction, machine setup and maintenance, hardware installation, and wood finishing techniques.

NOTE: Safety glasses and project are required at student expense.

Building Trades I - 11310

1 Semester, 2 periods/day = 1 credit

Fall Semester Only

Grades 11-12

Prerequisites: Computer Aided Drafting, Drafting I or Industry & Mass Production, AND one additional woodworking course.

****Class size is limited to 12 students**

The purpose of this course is to expose the students to the fundamental elements of building construction. Each one of the following areas will be covered in the field of construction: careers, safety, tool and materials, and procedures. The students are required to participate in all areas of study in this course. The students are required to wear hard hats and safety glasses on the job and equip themselves with a hammer, speed square, tool belt and a steel tape measure. The students will be constructing a building outside and must dress according to the weather. This course is taught about 90 percent on the job and therefore attendance is mandatory for learning the outcome.

NOTE: Safety glasses required at student's expense.

Building Trades II - 21310

1 Semester, 2 periods/day = 1 credit

Spring Semester Only

Grades 11-12

Prerequisite: Building Trades I

****Class size is limited to 12 students**

The purpose of this class is to guide students toward mastery levels of learning in the construction field. This course is designed for the students to obtain mastery levels in the field of construction in the following areas: job site and tool safety, tool operation and setup, careers, procedures for constructing a building, estimating and permitting procedures. The students are required to participate in all areas of study in this course. The students are required to wear hard hats and safety glasses and equip themselves with a hammer, speed square, tool belt and a steel tape measure. The students will be constructing a building outside and must dress according to the weather. This course is taught about 90 percent on the job and therefore attendance is mandatory for learning outcomes.

NOTE: Safety glasses required at student's expense.

Electricity - 07110

1 Semester

0.5 credit

Course Offered Every Two Years - Next Available: Spring 2022**Spring Semester Only**

Grades 10-12

This course serves as an introduction in the field of electricity and electronics. Areas of study will include: basic electrical phenomenon, electrical components, electrical circuits, and residential electrical wiring.

NOTE: Safety glasses required at student's expense.

~Metals Manufacturing and Machining~

Intro to Tech Ed - Course number to be assigned

1 Semester

0.5 credit

Fall or Spring Semester

Grades 9-12

****Class size is limited to 12 students**

This course will introduce students to the exciting area of Technology Education. Learn to use a laser engraver. Create your own custom metal sign using a cnc plasma cutter. Disassemble an RC race car, rebuild it, and race it against other teams. Design and build a C02 race car and race it against other teams. Learn about wind power generation through designing and building your own wind turbine.

NOTE: This course is only open to students who have taken less than two Tech Ed courses. Safety glasses required at student's expense.

General Metals - 11350

1 Semester

0.5 credit

Fall & Spring Semester

Grades 9-12

****Class size is limited to 10 students**

General Metals is a course designed for students to gain a basic understanding of the metal-working field. *This course is a prerequisite if you later wish to take Welding Technology or Metal Fabrication.* Areas of concentration will be cutting, finishing, drilling, layout, and CNC plasma design and processing. Each area will have required projects.

NOTE: Safety glasses required at student's expense.

NWTC Welding Technology - 21348 -

1 Semester

0.5 credits

Fall Semester Only

Grades 11-12



Prerequisite: General Metals

****Class size is limited to 8 students**

Students taking this course will learn the fundamentals of the three major types of arc welding: Shielded Metal Arc Welding, Metal Inert Gas, and Tungsten Inert Gas. Types of weld joints will also be discussed and completed by students. Discussion and assessment of welding personal protective equipment and safety procedures will be covered in detail.

NOTE: Safety glasses required at student expense.

NWTC Transcription Option: #31-442-348 (Gas Metal Arc Welding 1) AND #31-442-342 (Shielded Arc Metal Welding 1)

****Only Juniors or Seniors will receive NWTC credit.**

Metal Fabrication - 21345

1 Semester, 1 period/day = 0.5 credits

Spring Semester Only

Grades 11-12

Prerequisite: Welding Technology

****Class size is limited to 8 students**

This course is recommended for students looking at a possible career in Metal Fabrication. This course is designed for students to become more familiar with fabrication techniques including planning, welding, drilling, milling, bending, and cutting. Students will be required to design, construct, and complete a project at their expense. Students will need to submit a plan and estimate to the instructor and have it approved before fabricating.

NOTE: Safety glasses required at student expense

~Engineering and Design~

Video Editing - 50028

1 Semester 0.5 credit Fall or Spring Semester Grades 9-12

This course introduces students to creating and editing video with WEVIDEO. Students will work with different video formats and sources from DSLRs, HD Video Camcorders, existing video, and even video recorded on their smartphones. Students will learn to create professional looking videos by mastering skills such as inserting transitions or special effects, repairing video footage, and creating voice-overs. Some videos may end up on the district website or individual teacher websites.

Introduction to Engineering - 50029/50030

1 Semester 0.5 credit **Course Offered Every Two Years - Next Available: Fall 2021**

Fall Semester Only Grades 9-12

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

NWTC Mechanical Drafting (CAD) - 50059

1 Semester 0.5 credit **Course Offered Every Two Years - Next Available: Fall 2022**

Fall Semester Only Grades 11-12

Students will be taught the fundamentals in identifying views and object sketching, then students will learn the basics of AutoCAD software and how this software is used to create, plot and edit drawings. Students will get a basic background in how mechanical parts are designed and drawn for product purposes. Students will learn how to draw three view drawings as well as isometric and assembly drawings.



*NWTC Transcription Option: #10-606-113 **Only Juniors or Seniors will receive NWTC credit.*

NWTC Architectural Design (Arch Revit I) - 50062

1 Semester 0.5 credit **Course Offered Every Two Years - Next Available: Spring 2023**

Spring Semester Only Grades 11-12

Prerequisite: Mechanical Drafting



Architecture is more than just walls around us. The form and function of the spaces we live and work in are at the heart of how any design comes to life. This course will investigate how the structure is designed and build as well as the layout of spaces between the walls. Students will be introduced to a variety of concepts including green building and sustainable design in architecture. Students will apply the concepts introduced to a 'dream home' that they design and model.

*NWTC Transcription Option: #10-614-211 **Only Juniors or Seniors will receive NWTC credit.*

Vex Robotics - 07320

1 Semester 0.5 credit **Course Offered Every Two Years - Next Available: Spring 2021**

Fall or Spring Semester Grades 9-12

****Class size is limited to 8 students**

This course is designed to help students learn the fundamentals of robotics and the engineering design process while learning to use design software and the leading classroom robotics solution. The course is broken into six major sections: Safety, Project Management, Planning Your Project, Robotic Lessons, Programming Lessons, and Engineering Activities.

~Mechanics~

Small Engines - 50009

1 Semester, 2 periods/day = 1 credit

Fall Semester Only

Grades 10-12

This course is designed to give students a hands-on as well as a classroom experience with both two-stroke and four-stroke small engines. Students will learn the basic concepts and theories of how gasoline powered engines work and the mechanical skills needed to keep these engines operating. Subjects covered will be: small engine parts and functions, carburetion, the Venturi effect, honing and grinding cylinders. Students will be required to reduce an engine to bare-block form and restore it to running condition. Safety in the shop will be emphasized.

NOTE: Safety glasses required at student's expense.

Powersport Repair - 50150/50151

1 Semester, 2 periods/day = 1 credit

Spring Semester Only

Grades 10-12

Prerequisite: Small Engines

This course will allow students to utilize the skills learned in Small Engines to complete repairs on outdoor or power sport equipment of their choice. Because the course is project based, students will be required to keep a portfolio of the project(s) they work on. Projects can include anything from fixing a grass trimmer to more complex power sport repairs.

NOTE: Safety glasses required at student's expense.