



**Black River Falls High School  
Course Description Book  
&  
Career  
&  
Academic Planning Guide  
2018-2019**

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Dear Students and Parents:

February 2018

It is the time of year when students need to think about their future. In reality, they should never stop thinking about it and should consistently remind themselves that every day in high school is one more step in the process of preparing themselves to be successful adult citizens in our democracy.

This booklet has a lot of good information to help students and parents navigate the requirements, opportunities and offerings that we have here at BRFHS. ***Please take adequate time to read, discuss and think*** about the courses offered here as well as the additional college and career information provided to encourage smart choices for your academic future.

Here are a few of the items in the book that you should pay ***particular attention to***:

- [Four Year Course Planning Guide](#) – Log into your Career Cruising account and work with your advisor to plan your courses for high school.
- [Graduation Requirements](#) – On page 4 you will find a list of the graduation requirements in each academic area. Within your Career Cruising account, you can plan and choose the courses you would like to take to fulfill these requirements.
- [Academic Excellence Scholarship](#) – Annually, two graduating seniors with the highest Grade Point Averages are awarded the Academic Excellence Scholarship. The value of the scholarship is \$2,250 per year. See page 8
- [Wisconsin Technical Excellence Scholarship \(TES\)](#) – The (TES) is a generous scholarship for technical colleges. It is for seniors who have the highest demonstrated level of proficiency in technical education subjects. The value of the scholarship is up to \$2,250 per year. Courses that qualify towards this scholarship are noted in this book with the icon:  CTE. See page 8.
- [Advanced Placement \(AP®\) Courses](#)– Beginning on page 18 we have included a detailed explanation of how to craft your schedule to provide optimal opportunity to take advantage of our Advanced Placement courses. These rigorous courses challenge students, but also reward them for their efforts in the form of college credits earned.
- ***If you are thinking about...***
  - [A four-year college](#) – check out pages 16
  - [A two-year college](#) – check out page 20
  - [The military](#) – check out page 20
- [Online options, Teacher Assistant, and Work-Based Learning](#) – These programs expand course offerings to encompass almost any class you can imagine. More on page 21-23.

Students, as you plan your schedule, imagine what opportunities you would like to have when you graduate. What do you enjoy now and what might you do after high school? What additional training will allow you to pursue the job or career you desire? What skills do you need to develop to become the best you can be? Reading through this booklet, talking with your advisor and discussing options with your parents will provide you with some answers.

Good luck in your efforts to map out your remaining future. Listen to people who encourage you to take challenging classes that will stretch your abilities. High school is a short, but vital experience on your life journey. Choose your courses wisely.

*Mr. Chambers*

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## PURPOSE OF THIS HANDBOOK

This course description handbook is designed to provide students, parents, and staff with information necessary to plan a sequence of courses to satisfactorily complete requirements for graduation from Black River Falls High School. In doing so, the student should be aware that he/she is creating a credential that will document his/her qualification for the post-secondary phase of his/her life.

Society is more complex and challenging than ever before. A high school diploma is the passport allowing you to enter into other areas, including college, technical college, military service or the job market. **Choices you make now will affect the rest of your life.**

Wise selection and sequencing of courses are important keys to a successful high school career. Counselors, advisors, teachers and administrators are available to offer assistance in course selection. The initiative, however, must rest with the student since he/she will experience the effects of his/her decisions and how individual efforts and talents are applied.

As students design their four-year plan, they should use this handbook and their Career Cruising account as a resource to answer the following important questions:

- What do I want to be qualified to do when I leave high school?
- Am I working each year to meet Black River Falls High School's graduation requirements?
- Am I selecting courses consistent with my interests and abilities?
- Am I being realistic when balancing course selection and time allotment for quality course completion?

## NON-DISCRIMINATION

The School District of Black River Falls shall comply with all state and federal laws and regulations prohibiting discrimination. No person shall be discriminated against on the basis of age, ancestry, color, creed, disability, marital status, national origin, race, sex, and any other basis protected by state or federal law. Complaints and inquiries regarding the interpretation or application of this policy shall be processed in accordance with established procedures.

School Board Policies 112, 411, 511  
State Statute 118.13

Complaints regarding discrimination may be filed with the superintendent by calling 715-284-4357, or by contacting the Region V Office for Civil Rights:

U.S. Department of Education  
111 North Canal Street, Suite 1094  
Chicago, IL 60606-7204  
Telephone: 312-353-8192  
FAX: 312-353-5147

# GRADUATION REQUIREMENTS

Black River Falls High School's graduation requirements are designed to provide each student with a strong foundation in the "basics". We also provide opportunities to elect a number of other courses designed to meet an individual student's interests and needs. The minimum credit requirement for graduation from Black River Falls High School is 28 credits. Course credits needed for graduation are as follows:

<b>English:</b>	<b>(4 credits)</b>
English 9	1 credit
Composition	½ credit
Communication	½ credit
English 11	1 credit
1 ½ additional elective credit in English is required.	

<b>Social Studies:</b>	<b>(3 credits)</b>
U.S. History	1 credit
World History	1 credit
R/G Economics	½ credit
US & Global Politics	½ credit

<b>Science:</b>	<b>(3 credits)</b>
Biology	1 credit
(2 additional science credits are required)	

<b>Mathematics:</b>	<b>(3 credits)</b>
Math I or Algebra I	1 credit
Math II or Geometry	1 credit
(1 additional math credit is required)	

<b>Physical Education:</b>	<b>(1 ½ Credits)</b>
PE 9	½ credit
PE 10	½ credit
PE 11	½ credit

<b>Health:</b>	<b>(½ credit)</b>
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<b>Financial Literacy</b>	<b>(½ credit)</b>
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Choose one of the following:

- Business Law
- Personal Finance
- Consumer Math

<b>Elective Credits</b>	<b>(12 ½ credits)</b>
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**TOTAL CREDITS REQUIRED      28 CREDITS**

**WARNING:** By meeting these minimum graduation requirements without taking additional rigorous courses in English, Math, Science, and Social Studies, you will be unprepared for future jobs, education, or military opportunities. It is recommended that you attempt the most rigorous selection of courses you can handle.

## STUDENT SCHEDULING

Students are asked to give serious attention to course selection, as schedule changes are **strongly discouraged**. Balancing classes is a priority and every effort will be made to keep classes as balanced as possible.

Schedule changes **WILL NOT** be considered for lunch times, friends in class, time of day, or “It’s not what I thought it would be.” **Pre-planning is necessary!!**

Students are randomly scheduled to all teachers in all departments. If students and their parents have a specific reason for requesting a teacher other than the one randomly scheduled, they must complete a written request listing specific reasons for the change. Students who failed a course may request to retake the failed course with a different instructor in the department if one is available. This request must be made in writing before the semester begins.

Schedule changes **WILL** be considered for clerical errors, not meeting pre-requisites required for the course, graduation requirements, and in cases of extenuating circumstances such as health or injury.

Schedule adjustments will **ONLY BE ALLOWED** during the first three class periods of a course (ONLY IF NECESSARY). Students will not be allowed to leave a class to make changes. Students need to visit with their counselor during their free time. **Classes dropped AFTER three classes meetings will receive an “F” in the class.** Students will not be assigned to an additional class. Priority will be given to students who see their School Counselor **BEFORE** the new semester begins. Make an appointment to see your counselor before the start of the semester. Student schedules are always accessible using Skyward Student Access; there is no need to print them.

## REPORT CARDS

BRFHS is on an A/B alternating two semester system. Each semester is eighteen weeks long. Due to the block schedule, final grades come at eighteen weeks. The final grade is the grade that is entered into the permanent record. Report cards are distributed at the end of each semester. Teachers are expected to regularly inform students as to their progress. Likewise, students must take responsibility in knowing their own progress. Students and parents/guardians can check grades on a regular basis through the Canvas portal or phone app. Every two weeks, grades are posted from Canvas to Skyward. The honor roll will be published at the end of each semester.

## GRADE POINT AVERAGE (G.P.A.)

All courses are calculated on the following 4.00 grade point scale and are not weighted.

A	=	4.000	B+	=	3.333	C+	=	2.333	D+	=	1.333
A-	=	3.667	B	=	3.000	C	=	2.000	D	=	1.000
			B-	=	2.667	C-	=	1.667	D-	=	.667

To determine the grade point average, the total points earned are divided by the number of classes taken during that grading period. Cumulative grade point averages are computed using all courses and points earned during a student’s high school career.

All courses receiving a letter grade shall be included in this average. College-level coursework, technical college coursework, and summer school courses **are included** in this calculation. Pass/Fail grades are **not** calculated into a student’s grade point average.

## **ACADEMIC RECOGNITION**

Students can be recognized academically each semester through the Tiger Academic Recognition Program. Levels of recognition are:

Honor Roll 3.00-3.499

High Honor Roll 3.50-4.00

Honor cords will be awarded at graduation for senior students who have earned a cumulative grade point average of 3.5 or better based on the 7<sup>th</sup> semester of high school.

National Honor Society: After completing 9<sup>th</sup> grade, students can also qualify for NHS by meeting criteria for the organization in areas of academic achievement, leadership, service and character.

## **FAILURES**

Students are responsible for the re-scheduling of required subjects made necessary because of failures. Students who fail courses should set up an appointment with their counselor at the earliest opportunity to revise their schedule for the next semester or school year to include the failed required course. Required courses that have been failed should be rescheduled as soon as possible. For example, courses that were failed during the ninth grade should be rescheduled to be taken in summer school or in grade ten.

## **EARLY GRADUATION**

Seniors who have earned 28 credits are eligible to graduate at the end of semester one. Early graduation candidates and their parents must complete an early graduation application form and meet with a school counselor to develop their graduation plan. The student and a parent must then meet with the principal for approval or denial. Early graduation students are invited to participate in the graduation ceremony. If students are planning to begin post-secondary studies the spring of their senior year, they must request prior approval to complete final exams early. See School Board Policy 345.51 for details and an application. Applications for early graduation are also available in the counseling office.

## **ALTERNATIVE EDUCATIONAL PROGRAMS**

Some students find it difficult to succeed in a typical high school. BRFHS has programs designed to help these students.

1. Renaissance – 17 – 18 year old
2. Phoenix Academy – 16 ½ year old

All programs award a Black River Falls High School diploma to students who successfully complete required criteria. For further information regarding these programs, consult the counseling department.

## **ACADEMIC EXCELLENCE SCHOLARSHIP**

Annually, two graduating seniors with the highest Grade Point Average are awarded the Academic Excellence Scholarship. The value of the scholarship is \$2,250 per year, to be applied to tuition at a post-secondary institution. For more information about the selection process, please refer to School Board Policy 461 or meet with a counselor. ALL courses that earn you high school credit are factored into the GPA used to determine the recipient.

# WISCONSIN TECHNICAL EXCELLENCE SCHOLARSHIP

Technical Excellence Scholarships (TES) is awarded by the State of Wisconsin to Wisconsin high school seniors who have demonstrated the highest level of proficiency in technical education subjects. The scholarships are for use at a school within the Wisconsin Technical College System (WTCS) located within the state. The value of the scholarship is up to \$2,250 per year, to be applied towards tuition.

Black River Falls High School will nominate the two highest qualifying seniors with this scholarship. In part, scholarships recipients will be selected based on their successful participation in coursework within the Career Technical Education area. This includes: Technology Education, Business, Family and Consumer Sciences, and Agriculture. See Board Policy 462 or meet with a counselor for all the details. Courses that qualify for points towards this scholarship are noted in the course description book with

this icon: 

## ADDITIONAL CREDENTIALS UPON GRADUATION

There are many other opportunities to graduate high school with post-secondary credits already completed or with an Industry Recognized Certification.

- There are a number of our courses which been transcribed with Western Technical College (WTC). This means that students earning a grade of 78% or better will earn credits at WTC college credits as well as high school credits. These may also transfer to other UW institutions. Please check with the college or university you will attending to ensure they transfer. For most of these courses, credits are at NO additional cost to the student. You will see this  icon next to courses where this is an option:

- We also have the opportunity for students to earn an Industry Certification for successfully completing coursework and successfully passing the Industry Competency test at the end of the course. Those courses are marked with the following icon: 

- Wisconsin's Early College Credit program allows freshmen - seniors who meet certain requirements to take courses at a UW institution. Wisconsin's Start College Now program allows juniors and seniors to take courses at a technical college. Approved courses count toward high school graduation and college credit.

- The program opens the door to greater learning opportunities for motivated students considering a technical career, wishing to begin college early, or preparing themselves to enter the workforce immediately after high school graduation.
- For application instructions and specific procedures for ECCP and/or Start College Now programs, please make an appointment with your counselor.

## FOUR YEAR PLANNING GUIDE

Black River Falls High School's graduation requirements are designed to provide each student with a strong foundation of the "basics". We also provide an opportunity to select a number of other courses designed to meet individual student interests and needs.

Please use the course planner in Career Cruising or this worksheet to map out the coursework that you need to complete during high school to satisfy graduation requirements, college entrance requirements, and individual preferences. All of the individual courses and their descriptions are included in the back of this book. You will find MANY electives to choose from that cover a wide range of interests.

## GRADUATION REQUIREMENTS

Curricular Area	Required Courses
English 4 Credits Required	English 9 Composition / Communication English 11 One Additional English Credit
Social Studies 3 Credits Required	US History World History US & Global Politics (.5 Credit) Regional and Global Economics (.5 Credit)
Math 3 Credits Required	Algebra or Math 1 Geometry or Math II Additional Math Credit
Science 3 Credits Required	Biology Additional Science Credit Additional Science Credit
Phy Ed. 1.5 Credits Required	Phy Ed 9 (.5 Credit) Phy Ed 10 (.5 Credit) Phy Ed 11 (.5 Credit)
Health .5 Credit Required	Health (.5 Credit)
Financial Literacy .5 Credit Required	You must successfully complete <b>ONE</b> of the following courses: Business Law (.5 Credit) Personal Finance (.5 Credit) Consumer Math (.5 Credit)
Electives 12 Credits Required	<b>Total – 28 Credits needed for graduation</b>

28 credits needed for graduation

\* 2 years of world language are required for entrance at UW-Eau Claire, UW-Madison or any University of Minnesota state colleges.

# POST-SECONDARY PLANNING GUIDE

## ***Introduction***

A satisfying career requires careful planning and informed decision-making. Time spent gathering information, understanding the various alternatives available, and thinking through personal preferences will be of enormous benefit as a student makes career decisions. Many people need help with career decision making and planning. This booklet provides information the student and parent may find helpful in exploring educational opportunities beyond high school.

Most occupations will require some form of schooling beyond high school. The basic academic competencies necessary to achieve are reading, writing, speaking and listening, mathematics, reasoning, and study skills. These competencies are the broad intellectual skills essential to effectively work in many fields of post high school study. They provide a link across the disciplines of knowledge. Students should also have an understanding of the current technology and possess the ability to use technology for self-guided learning.

Whether your plans include additional education or employment, you should keep in mind the following factors, which post high school admission personnel and employers generally depend upon:

- Attendance and tardy records
- The quality of the student’s course selection and completion
- The results of scholastic aptitude and achievement tests (ACT)
- Activities, both in and out of school
- High school academic record as reflected in terms of grade-point-average, class rank, and difficulty of program.

## ***The Basics***

An important part of preparing you for your future career is successfully completing your current educational journey. A Black River Falls HS student needs 28 credits to graduate. Planning is important as you develop your high school schedule. Make course selections that are challenging and reflect the needs you see for your future.

### **Black River Falls HS Graduation Requirements include:**

English	4	credits
Social Studies	3	credits
Math	3	credits
Science	3	credits
Physical Education	1.5	credits
Health	.5	credits
Financial Literary	.5	credits
Other Electives	12.5	credits
<b>TOTAL</b>	<b>28</b>	<b>credits</b>

## ***Academic and Career Planning (ACP)***

Academic and Career Planning (ACP) refers to both a *process* that helps students think about and plan their academics with career development activities, and a *product* that is created and maintained to document a student’s path from 6<sup>th</sup> – 12<sup>th</sup> grade; from exploring about oneself and one’s future to being certain and prepared for the post-secondary steps needed to become a successful adult.

## Career Cruising

Career Cruising is the tool that we and most schools in Wisconsin use for our students to create and track their progress of planning for the future. During their advising period throughout the year, students will work with the counselors, their advisors and their parents within Career Cruising to explore ideas, prepare plans and portfolios, organize financial aid and college choices and plan for their about their future.

## Ways to earn college credit while in high school at no cost to you!

### 1) Transcribed Credit Agreements

At Black River Falls HS, students have an opportunity to take courses that will also be **accepted as earned credits at the university or technical college system**. Check these links for our current list of transcribed courses with [Western Technical College](#) and [UW Green Bay](#). Below are the courses we have transcribed as of February, 2018. These courses have this icon next to them in the course description book.



#### High School Course Title

Architectural Design 1  
Construction 1  
Metals II A  
Metals II B  
Woods 1A / 1B  
Auto Mechanics 2  
Parenting & Infant Development  
Parenting & Child Development  
Software Applications for Business  
Microsoft Specialist 1  
Microsoft Specialist 1  
Microsoft Specialist 2  
Microsoft Specialist 2  
Introduction to Horticulture A & B  
Medical Terminology  
Human Anatomy  
Intro FNS: The Tribal World

#### College Course Title

ArchiCAD  
Fundamentals of Building Construction  
Welding-Oxy-Fuel Metals Cutting  
Welding-Transportation  
Fundamentals of Woodworking  
Intro to Auto Technology  
ECE: Infant and Toddler Development  
ECE: Child Development  
Software Appl for Business  
Introduction to MS Word  
Introduction to MS PowerPoint  
Introduction to MS Excel  
Introduction to MS Access  
Intro to Horticulture  
Medical Terminology  
Anatomy and Physiology 1  
Introduction to First Nations Studies

University transfer: Students may transfer up to 15 credits from a technical college to the UW system.

### 2) Advanced Standing Agreement – Western Technical College

Successfully completed BRF advanced standing courses (earning a B average or higher) will allow a student to not have to repeat the subject at the technical college. We currently offer two of these courses at BRFHS. Check the [Western Technical College site](#) for the current list. **These courses have the code (AS) in the course description book.**

#### High School Course Title

Accounting I and II

#### Tech School Course Title

Accounting Principles I

When meeting with an admission counselor at the university or technical college level, it is important to mention the successful completion of these classes.

### **3) Early College Credit Program (ECCP): 4-year Universities**

The Early College Credit program (ECCP) replaces Youth Options and Course Options. ECCP allows students in grades 9 – 12 to attend a Wisconsin college campus to earn college credit.

Eligibility criteria include:

- 9 – 12<sup>th</sup> grade students
- Attend UW-system or private non-profit college campus
- Fall, Spring, and summer semesters
- 18 credit maximum
- Must apply by March 1 (fall semester) or October 1 (spring semester)
- College courses may not duplicate courses taught at BRFHS

See your school counselor for application process and further information.

### **4) Start College Now: Technical Colleges**

The Start College Now (SCN) program replaces Youth Options and Course Options. SCN allows students in grades 11– 12 to attend a Wisconsin technical college campus to earn college credit.

Eligibility criteria include:

- 11 – 12<sup>th</sup> grade students
- Attend Wisconsin Technical College campus
- Fall and Spring semesters
- 18 credit maximum
- Must apply by March 1 (fall semester) or October 1 (spring semester)
- College courses may not duplicate courses taught at BRFHS
- Student must meet pre-requisites of course. Enrollment is based on available space.

See your school counselor for application process and further information.

## Career Cluster Maps – Thinking About Your Future

The U.S. Department of Education Office of Vocational and Adult Education (OVAE) has identified **16 career clusters representing career opportunities for the 21st century economy**. These clusters are designed to help students make good choices as they plan their education beyond high school. The 16 career clusters cover a wide range of career opportunities, representing more than 79 Career Pathways.

**Read over the 16 clusters listed below before you begin selecting your classes.** Choosing one of the clusters that best fits your interests and talents will help you to take and fit the courses that count into your high school schedule.

What do you mean? Don't all courses count for credit in the high school? Of course, they do. But with the increased opportunity to take unique and specialized classes at Black River Falls High School, it is important that students begin planning their course selections prior to the registration process. **There are some courses that are offered on an every-other-year basis.** If these classes fit into your academic plan, then you'll need to plan ahead to ensure you can take them as they are offered. Listed below are suggested options to assist in your educational planning. Each option is based on 16 career clusters. These are becoming more of a focus through our Academic and Career planning and your use of Career Cruising. Technical colleges and universities also have a focus on these clusters.. For more information on Career Clusters visit these websites: [www.careertech.org/career-clusters](http://www.careertech.org/career-clusters) or [www.wicareerpathways.org](http://www.wicareerpathways.org).

Each of the Career Clusters contains the courses that are required for graduation from Black River Falls High School. The charts that follow are a sampling of other coursework that supports an interest in the specific career cluster.

In addition to the required courses listed on page 9, the following courses are suggested for each of the 16 Career Clusters.

CAREER CLUSTER	SUGGESTED CAREER ELECTIVES	
	Biology Earth Science Weather & Climate Chemistry Physics Environmental Science Vet Small Animal Sci. Large Animal Science Food Science Marketing Foods I	Careers Wildlife Ecology Woods I & II Intro to Horticulture Environmental Management Leadership Development Landscape Design STEM:Engineering/Woods STEM:Power/Metal Metals I & II Auto Mechanics
	Landscape Design Intro to Art Drawing/Painting Software Apps/Bus STEM: Engineering/Woods STEM: Power/Metals, Woods I & II Electronics/Robotics	Architectural Design I & II Metal I Video Audio I & II Careers Housing Construction I Machine Design I & II Personal finance

	<p>Intro to Art  Drawing/Painting  Sculpture  Ceramics  Art Metals  Graphic Design  Software Apps/Bus  World Literature  Video Audio S1 &amp; S2  Drama Lit  WR I SRL/News</p>	<p>Careers  Music Theatre  Chorale S1 &amp; S2  Chamber Choir S1 &amp; S2  Band S1 &amp; S2  Music Appreciation  Exploring Computer Science  Creative Writing  Writing II  Music in Film</p>
	<p>Leadership Development  Intro to Business  Spanish I, II, III, IV, AP  Law &amp; Society  Entrepreneurs  Graphic Design  Accounting I &amp; II  Microsoft Office Specialist 1 and 2</p>	<p>Marketing  Careers  Intro to Sociology  Personal Finance  Business Law  Software Applications  College Prep Writing, Writing II  AP® Psychology</p>
	<p>Leadership Development  Software Apps/Bus  Introduction to Business  Personal Finance  Microsoft Specialist 1 and 2  Video Audio S1 &amp; S2  Parent &amp; Child</p>	<p>Infant and Toddler  Careers  AP Psychology  Intro to Sociology  Business Law  College Prep /Writing  Writing II</p>
	<p>Software Apps/Bus  Introduction to Business  Law &amp; Society  Entrepreneurs  Leadership Development  Personal Finance  Acct I &amp; II  Marketing</p>	<p>Video Audio S1 &amp; S2  Parent &amp; Child  Careers  Microsoft Specialist 1 and 2  Introduction to Sociology  Business Law  AP® Psychology</p>
	<p>Leadership Development  Introduction to Business  Law &amp; Society  Acct I  Marketing  Video Audio S1 &amp; S2  WR I SRL News  Careers</p>	<p>Intro to Sociology  Business Law  Software Apps/Bus  College Prep Writing  Writing I &amp; II  AP® Psychology  Intro to FSN – The Tribal World  Philosophy</p>

 <p><b>Health Science</b></p>	<p>Software Apps/Bus  Food Science  Microsoft Office Specialist 1 and 2  Parent &amp; Child  Infant/Toddler  Careers  Botany  Forensics  Human Anatomy</p>	<p>Medical Terminology  AP Psychology  Intro to Sociology  Vet Small Animal  Adv Chemistry  AP® Biology  Health Science  Philosophy</p>
 <p><b>Hospitality &amp; Tourism</b></p>	<p>Leadership Development  Software App/Bus  Introduction to Business  Personal Finance  Microsoft Office Specialist 1/2  Marketing  Video Audio S1 &amp; S2  WR I SRL/News</p>	<p>Foods I &amp; II  Careers  Housing  Intro to Sociology  Business Law  Food Science  AP® Psychology  Philosophy</p>
 <p><b>Human Services</b></p>	<p>Leadership Development  Software Apps/Bus  Law &amp; Society  Marketing  WR I SRL/News  Parent &amp; Child  Careers  Forensics</p>	<p>Human Anatomy  Medical Terminology  Intro to Sociology  Business Law  College Prep Writing  AP® Psychology</p>
 <p><b>Information Technology</b></p>	<p>Software Apps/Bus  Introduction to Business  Electronics /Robotics  Leadership Development  Graphic Design  Microsoft Office Specialist 1 and 2</p>	<p>Marketing  World Literature  Video Audio S1 &amp; S2  WR I SRL.News  Careers  Business Law  Exploring Computer Science</p>

	<p>Leadership Development          Law &amp; Society          Microsoft Office Specialist 1 and 2          WR I SRL/News          Careers          Forensics          Human Anatomy</p>	<p>AP® Psychology          Intro to Sociology          Business Law          College Prep Writing          Writing II          Intro to FNS:Tribal World</p>
	<p>Software Apps/Bus          Stem: Engineering/Woods          Stem: Power/Metal          Woods I &amp; II          Architectural Design I &amp; II          Entrepreneurs          Metals I &amp; II          Transportation</p>	<p>Electronics/Robotics          Careers          Construction I          Machine Design I &amp; II          Auto Mechanics I &amp; II          Advanced Chemistry          Microsoft Office Specialist 1 and 2</p>
	<p>Leadership Development          Landscape Design          Intro to Art          Drawing/Painting          Software Apps/Bus          Introduction to Business          Entrepreneurs          Personal Finance          Graphic Design          Microsoft Office Specialist 1 and 2</p>	<p>Marketing          Video Audio S1 &amp; S2          WR I SRL/News          Careers          Intro to Sociology          Business Law          Creating Writing          Writing II          Music in Film          Accounting 1 and 2</p>
	<p>STEM: Engineering/Woods          STEM: Power/Metal          Architectural Design I &amp; II          Entrepreneurs          Transportation          Electronics/Robotics          Leadership Development          Environmental Management          Personal Finance          Software Apps/Bus          Forensics          Exploring Computer Science</p>	<p>Marketing          Careers          Human Anatomy          Medical Terminology          Astronomy          AP® Psychology          Intro to Sociology          Woods II          Construction I          Machine Design I &amp; II          Advanced Chemistry          Philosophy          Auto Mechanics I &amp; II</p>
	<p>Law &amp; Society</p>	<p>Marketing</p>

	STEM: Engineering/Woods STEM: Power/Metal Metals I & II Transportation Electronics/Robotics Leadership Development Software Apps/Bus	Careers AP® Psychology Machine Design I & II Auto Mechanics I & II Business Law Microsoft Office Specialist 1 and 2
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## ***The Next Step***

After using Career Cruising and your advising time to research and choose your future occupation, the next step is to pursue the educational track that suits your career needs. Included in this booklet is general information on the four main post-secondary options:

- College/Universities – See Page 16
- Technical Colleges – See Page 20
- Military – See Page 20
- World of Work – See Page 23

## **PLANNING TO ATTEND A 4-YEAR COLLEGE OR UNIVERISTY**

Preparing to attend a four-year college or university is a serious task that deserves total effort on your part. Many universities are becoming increasingly selective in accepting students, so taking the right courses in high school can increase your options and career opportunities.

Competition for admission to many four-year colleges/universities continues to increase, thus making high school course selection more important. The following are minimum admissions requirements as determined by the University of Wisconsin system:

- 4 years of English
- 3 years of Math, including Algebra I, Geometry, Algebra II
- 3 years of Science, including Biology and an additional lab science
- 3 years of Social studies
- 2 years of electives in above areas or world language, fine arts, computer science, or other academic or vocational areas.

**Note: UW-Madison, UW-Eau Claire, and all 4-yr universities in Minnesota specifically require two years of the same world language in high school in order to be considered for admission.**

Many schools and majors require more than the minimum admissions requirements. For example, you will not be admitted to the University of Wisconsin-Madison with minimum requirements. The rigor of the program for the senior year is looked at very closely when determining who will be accepted at UW-Madison and other selective schools. Therefore, the idea of taking a light load during your senior year is not wise. Also, early graduation will not be in your best interest. To keep your options open and to help you be successful while in college, a rigorous academic program is essential.

Application Process: September is the time the state universities begin to accept applications. We have many of the Wisconsin and Minnesota College applications in the counseling office. Students can also receive copies by calling the admissions office of the school of interest or by applying directly on-line. The on-line application is the preferred method for the University of Wisconsin system schools. You must send your **official** transcript to each university in which you apply. An electronic transcript service is available on our website to assist with this requirement. [www.parchment.com](http://www.parchment.com).

Entrance Requirements: Enrollment limits are in effect at all UW institutions in an effort to control size. Although entrance requirements vary somewhat among the various schools, the following are basic requirements established by the UW-Board of Regents. Consult the UW- Helpline at 1-800-442-6459 or [uwhelp.wisconsin.edu](http://uwhelp.wisconsin.edu) for further information.

- A. Entrance Test: The University of Wisconsin system and the Minnesota State Colleges and University system require all entering freshmen to submit ACT or SAT scores when applying for admissions. The ACT is the preferred test.

- B. High School Class Rank: Within the UW system, the minimum class rank requirement varies significantly. Generally, for the four-year campuses, the minimum requirement ranges from the top 25 – 50%.
- C. Courses Taken in High School: Use the worksheet on page 6 to help you select the courses you will need in high school to meet minimum UW entrance requirements.

## COLLEGE PLANNING RESOURCES:

1. Career Cruising is your first stop for any and all planning for your future. Career Cruising connects the real world to you with the latest career and labor market information, salaries, and educational pathways – all written in a way that's easy to understand. Use your advising or other time to learn essential 21st-century skills like financial literacy and goal-setting through video interviews, role-playing activities, and more. You also have access to local businesses and ACT preparation tools.
2. ACT ([www.actstudent.org](http://www.actstudent.org)) is a registration site sponsored by ACT to assist in college admission testing. It is also a wonderful resource guide to students, parents, and education professionals. This site is an excellent first stop to guide you to the books, websites, and other resources that will assist in making college possible.
3. College Board for Students ([www.collegeboard.com](http://www.collegeboard.com)) is another wonderful source of information sponsored by the College Board. Full of tips for parents and links to other useful websites, it is great for those hoping to send a student to college in 4 years or in just a few months.
4. Year-by-Year planning ([www.nacacnet.org/](http://www.nacacnet.org/)) What should a freshman, a sophomore, a junior, and a senior in high school be doing to prepare for college? Check the for students link on the site of the National Association for College Admission Counseling for useful tips.
5. College View Search ([www.collegeview.com](http://www.collegeview.com)) is wonderful resource for those beginning to think about college. It has articles focused on college selection issues, making the transition from high school to college, and a wide variety of related topics. These are very good discussions for both students and parents who are involved in the college search, application, and transition process.

Reciprocity forms: The reciprocity agreement between Minnesota and Wisconsin allows our students to attend a Minnesota college without having to pay “out-of-state” tuition. Tuition is based on what tuition would be at a comparable school in the student’s home state. Reciprocity forms are available in the counseling office in February

## **COLLEGE WEBSITES**

To access UW 4-year and 2-year campuses, go to: <http://www.wisconsin.edu/campuses/>

To access Wisconsin Technical College information, go to: <http://www.witechcolleges.org/>

### **UW 4 Year Campuses**

- UW Eau Claire
- UW-Green Bay
- UW-La Crosse
- UW-Madison
- UW-Milwaukee
- UW-Oshkosh
- UW-Parkside
- UW-Platteville
- UW-River Falls
- UW-Stevens Point
- UW-Stout
- UW-Superior
- UW-Whitewater

### **Wisconsin Technical Colleges**

- Blackhawk
- Chippewa Valley
- Fox Valley
- Gateway
- Lakeshore
- Madison Area
- Mid-State
- Milwaukee Area
- Moraine Park
- Nicolet Area
- Northcentral
- Northeast Wisconsin
- Southwest Wisconsin
- Waukesha County
- Western
- Wisconsin Indianhead

## ADVANCED PLACEMENT (AP®) COURSES

*“We believe that AP® classes are an important opportunity for our students and we are working to develop the program in a systematic manner. The AP® experience involves two equally important things: first, the broad experience of taking a class that introduces students to the college experience is excellent for our students due to the skills they develop in the process; and two, the National Exams offer students a great chance for earning college credits while helping us to gauge the improvement of our courses and teaching methods.”*

With the increased number of college preparatory courses available at Black River Falls High School, it is important that students begin planning their course selections prior to the registration process. Listed below are suggested options to assist in your educational planning. As with any schedule, these options can be “altered” to fit your individual needs.

### 4 Year College Preparatory Path

9 <sup>th</sup> gd.	10 <sup>th</sup> gd.	11 <sup>th</sup> gd.	12 <sup>th</sup> gd.
English 9	Composition Communication	English 11	College Prep Writing
W. History Geometry	Economics US & Global Politics Algebra II Botany Forensics	AP® English  AP® US History Pre-Calculus	Philosophy AP® Psychology AP® Calculus
Biology	Chemistry	AP® Biology	AP® Environmental Science Physics
Health/PE 9 Elective – 1cr Elective – 1cr Elective – 1cr	PE 10 Elective – 1cr Elective – 1cr Elective – ½ cr	PE 11 Elective – 1cr Elective – 1cr Elective – ½ cr	Elective – 1cr Elective – 1cr Elective – 1cr Elective – ½ cr

### 4 year college Science and Math Accelerated Career Path

9th gd.	10th gd.	11th gd.	12th gd.
English 9	<b>Composition</b>	<b>English 11</b>	1 cr. English
US History	<b>Communication</b>	<b>Economics</b>	
Geometry	<b>World History</b>	<b>US &amp; Global Politics</b>	
Earth Science	<b>Algebra II</b>	<b>Pre-Calculus</b>	AP® Calculus
Biology	<b>Astronomy</b>	<b>AP® Biology</b>	AP® Environmental
Weather & Climate	<b>Forensics</b>	<b>Med Term</b>	Science
Health/PE 9	<b>Botany</b>	Adv. Chem	
Elective – 1cr	<b>Chemistry</b>	<b>Human Anatomy</b>	Physics
Elective – 1cr	<b>PE 10</b>	<b>PE 11</b>	
Elective – 1cr	<b>Elective – 1cr</b>	<b>Elective – 1cr</b>	Elective – 1cr
Elective – 1cr	<b>Elective – 1cr</b>	<b>Elective – 1cr</b>	Elective – 1cr
	Elective – ½ cr	Elective – 1cr	Elective – 1cr

### 4 year college Liberal Arts Accelerated Career Path

9 <sup>th</sup> gd.	10 <sup>th</sup> gd.	11 <sup>th</sup> gd.	12 <sup>th</sup> gd.
English 9	<b>Composition</b>	<b>English 11</b>	College Prep Writing
	<b>Drama Literature</b>	<b>AP® English</b>	British Literature
World History	<b>Communication</b>	<b>AP® US History</b>	World Literature
Algebra I	<b>Economics</b>		AP® Psychology
Biology	<b>US &amp; Global Politics</b>	<b>Algebra II</b>	Philosophy
Health/PE 9	<b>Geometry</b>	<b>AP® Biology</b>	Pre-Calculus
Elective – 1cr	<b>Chemistry</b>	<b>PE 11</b>	
Elective – 1cr	<b>PE 10</b>		Elective – 1cr
Elective – 1cr	<b>Elective – 1cr</b>	<b>Elective – 1cr</b>	Elective – 1cr
	<b>Elective – 1cr</b>	<b>Elective – ½ cr</b>	Elective – 1cr
	<b>Elective – 1cr</b>		Elective – ½ cr

## Math Pathways

Black River Falls High School requires 3 credits of math to graduate. Paths 1 to 5 are variations to complete this requirement. Math I will be offered for freshman students not ready for the Algebra I course. Also Math 2 will be offered to students who passed Math 8 but need more preparation before advancing to Geometry. Students preparing to enter a 4 yr college after graduation must complete 3 years of math (Algebra I, Geometry & Algebra II) as a minimum admission requirement. Most college-bound students complete 4 years of Math to prepare them for the academic rigor of college.

Path	9 <sup>th</sup> gd.	10 <sup>th</sup> gd.	11 <sup>th</sup> gd.	12 <sup>th</sup> gd.
1	Algebra I	Geometry	Algebra II	Pre-Calculus
2	Algebra I	Geometry & Algebra II	Pre-Calculus	Calculus
3	Geometry – for Freshman who had Algebra I in 8 <sup>th</sup> grade	Algebra II	Pre-Calculus	Calculus
4	Math I	Algebra I	Geometry	Algebra II
5	Math I	Math II	Consumer Math	

## PLANNING TO ATTEND A TWO-YEAR OR TECHNICAL COLLEGE

### *Two-Year Colleges*

The UW College and Minnesota Community Colleges serve as local entry points to the University of Wisconsin and Minnesota State four-year campuses. The colleges offer a general education associate degree that prepares students for baccalaureate and professional programs, employment opportunities, and lifelong learning and responsible citizenship. These campuses offer unique opportunities for students hoping to be better prepared for the educational offerings at a larger campus.

Student success at the two-year campuses is high, in part because they specialize in instruction beneficial to first and second-year students. Research shows that the more credits students take at a two-year campus, the better they will do after transferring to a four-year university. No doubt this is due to the small class sizes and personal attention that make students feel “at home”.

Basic UW system admission requirements apply at the UW two-year colleges, but class rank is less of a consideration. Students can discover whether a post-secondary education is within their grasp, both intellectually and financially.

### *Technical Colleges*

There is a popular misconception that technical colleges are an easier choice or are somehow a second class choice. In fact, many technical college programs offer tremendous marketability and earning power. Many skilled laborers earn over \$20.00 an hour in their specific professions. Technical colleges offer specialized training for a specific skill and assist students in applying these concepts in work-related situations. Students will take some general education courses, but “hands on” experience is the most important part of technical college programs.

### Website resources:

1. The Wisconsin Technical College System ([www.witechcolleges.org](http://www.witechcolleges.org)) offers 16 colleges with 47 different campus locations throughout the state of Wisconsin. This website provides students and parents with a wealth of information covering over 300+ programs and degree opportunities.
2. The Minnesota College/Technical College System ([www.mnscu.edu](http://www.mnscu.edu)) offers a comprehensive listing of all four year, two year, and technical college institutions. This website provides students and parents with additional resources promoting Minnesota and its state's organizations.

## INTERESTED IN THE MILITARY?

People enter the military as either an enlistee or an officer. The military can offer a wide choice of career opportunities. The five services (Army, Navy, Air Force, Marines, and Coast Guard) offer training and employment in over 2,000 enlisted job specialties, many of which have counterparts in the civilian world of work.

The military generally provides two kinds of training to its personnel:

- Recruit training – Basic training is a rigorous orientation to the military. Recruit training lasts from 6 to 10 weeks and provides transition from civilian to military life.
- Job training – Through job training, also called technical or skill training, recruits learn skills they will need to perform their job specialties. The type of job specialty determines length of training. Most training lasts 10 to 20 weeks, although some specialties may require over one year of training. Military training occurs both in the classroom and on the job.

ROTC (Reserve Officer Training Corps) Program: ROTC is a college/military program that enables college students to graduate with a degree in their chosen major, receive officers' commissions, and receive scholarship benefits up to \$60,000. An active duty military obligation follows graduation.

Military Academies: These premier military academies offer a quality college education in exchange for a commitment to serve our country as an officer in the US military. Members of Congress, the academies themselves, and the Vice President make appointments. Each cadet receives his/her education at government expense prior to receiving a commission as an officer in a branch of the service. **The application process should begin in the spring of the junior year.**

### Additional Website resource:

The Military Career Guide Online ([www.todaysmilitary.com/](http://www.todaysmilitary.com/)) is comprehensive occupational, training, and career information and is designed for use by students desiring to explore the military world of work. Some basic information on each branch of service, including its enlistment, training, advancement, and education programs is also provided here.

## BLACK RIVER FALLS VIRTUAL OPTIONS

The Black River Falls Virtual School program was created and implemented to meet the diverse learning needs of our students. We believe in offering virtual programming options for students, by providing flexible and customized course delivery. Virtual options provide an opportunity to equip students with 21st century skills they will need to be ready for today and tomorrow's world. Each year we have expanded and enhanced our online and blended learning opportunities. Many of our local staff are certified online teachers and offer online/blended courses within our district. For other courses, we contract with online curriculum providers.

Successful online students typically display the following characteristics: discipline, good organization, self-motivation, and ambition. The online learning process requires commitment on the student's part. Staying current with coursework by completing all work on time is vital. Students are expected to commit 5-7 hours per week on each class.

Black River Falls Virtual Options enable us to provide students with the following:

- Relevant courses offered in flexible locations and time frames
- High quality, interactive courses aligned to state and national standards
- Rigorous high school level curriculum
- Over 100 different course options
- AP® courses not already offered at the Black River Falls High School
- A solution for advanced and excelling students, homebound, teen parents, and other special needs
- Modified rates of learning to accommodate student needs, whether accelerated or extended
- The experience of online learning in preparation for future training in post-secondary educational and work environments

#### Student Eligibility

- A GPA of at least 3.0 or pre-approval is required.
- Classes offered at the Black River Falls High School are not on the approved list unless there is a documented health plan, IEP, or other considerations in place specifying need.
- Only one online class may be approved for a first time virtual student.
- If success is demonstrated in the online environment, students will have the option to take multiple courses in future semesters.

Course lists are available upon request. BRFHS online courses will be listed with this icon  in the course list. A list of online courses provided by outside vendors can be accessed using the following links:

WVS -- [Wisconsin Virtual School](http://www.wisconsinvirtuelschool.org/hscourses.cfm) -- <http://www.wisconsinvirtuelschool.org/hscourses.cfm>

FuelEd -- [FuelEd](http://www.k12.com/curriculum/high-school-program-courses/high-school-course-list.html) -- <http://www.k12.com/curriculum/high-school-program-courses/high-school-course-list.html>

All courses are 1 or 2 semester courses, and are normally completed within the regular school calendar. The number of concurrent courses, being completed at any one time, will be determined by the school district. Each student will work with the Virtual School Coordinator and counseling staff to develop a virtual education plan. All courses are taught by Wisconsin certified teachers.

*Students interested in virtual school offerings should email [mary.byrns@brf.org](mailto:mary.byrns@brf.org) to schedule a meeting to discuss their options. Prerequisite: Counselor/Administrative approval*

## BLENDING LEARNING OPPORTUNITIES

A number of our regular course offerings are offered as *blended learning* classes. This means that students begin the semester in the classroom and at a point determined by the instructor, if the student is earning an appropriate grade (as determined by the instructor), the students continue their learning virtually and are only required to report to class meetings when directed by the teacher or if their grade falls below the pre-determined level. These courses will be marked with this icon  in the course list.

## WORK-BASED LEARNING OPPORTUNITIES

A Work Based Learning course is offered at our high school to enable students to gain hands-on experiences in the career field they are interested in. This program offers placements with wide variety of community partnerships. Our Career Coordinator is continually developing relationships with businesses for these experiences and has a list of possible placements. Students who complete all requirements and maintain a C or higher will be eligible for an Employability Skills Certificate to add to their portfolio upon graduation.

Students must complete a specific number of hours a week as determined by their individual plan. Placements can be paid or unpaid. Students will also complete online modules to foster basic Employability Skills and further career exploration. This course is available to all seniors who are currently on track for graduation. Students must have shown previous career interest in the placement area to apply for this program. Students must apply to enter the Work Based Learning Program by completing a Work Based Learning Application, which is available in the high school counseling office. Students will be contacted by a Career Coordinator if they are accepted into the Work Based Learning Program. At that point, the student will be able to register for a Work Based Learning Class. The Work Based Learning course is listed in this booklet under selected departments.

## TEACHER ASSISTANT OPPORTUNITIES

The teacher assistant will be an aide to the classroom teacher. The student will report directly to the classroom and will take direction from the instructor. Duties may include working with small groups, helping with classroom preparation, or one-on-one instruction. Students must demonstrate excellent attendance, a positive attitude, and a good working knowledge of the subject matter. Note: All teacher assistants must get approval during pre-registration. ***All teacher assistant courses will be graded as pass/fail courses. This does not factor into a student's GPA.*** There is a maximum of 1 student assistant per class. Prerequisite: Instructor Approval

## COURSE DESCRIPTIONS

In the following section, all courses offered at BRFHS are listed with their descriptions. Some courses are marked with the following icons:



Online course



Blended cours



Industry Certification



College Credit available



Technical Excellence

# AGRICULTURE DEPARTMENT

## 102A INTRO TO HORTICULTURE A



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Get a head start on your technical college / university credits! This course is offered as a transcribed three credit course with

Western Technical College and will transfer as elective credit to most universities, including UW-Madison, River Falls and Platteville. This highly recommended course is perfect for you if you are interested in a career involving plants or just have an interest in growing plants. This course provides an overview of the Horticulture industry. Units include floriculture, landscape design, landscape maintenance, plant propagation, anatomy & physiology, pest management, greenhouse crop production, and fruit & vegetable production. This class will work extensively with the agriculture department's greenhouse and land lab facilities. Some of the produce grown in this class is utilized in the school lunch program. Many field trips and extensive hands-on learning are used. **This course may fulfill science credit.** Semester 1 of 2 semester course

## 102B INTRO TO HORTICULTURE B TRC



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

See 102A Intro Horticulture A To receive transcribed credit, this course must be taken the same school year as 102A Introduction to Horticulture A **This course may fulfill science credit.** Semester 2 of 2 semester course

## 104 ENVIRONMENTAL MANAGEMENT



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Agriculture deals with the management of resources. The impact on our environment is tremendous. This course helps to explore the relationship between agriculture and the environment. We will work through creating a management plan for an area of land, including legal description, inventories, and managing soil, water, forest and wildlife resources. Current news items and environmental issues will be highlighted. Guest speakers, field trips, and lab activities, as well as the agriculture department's greenhouse, land lab and aquaculture system, will be used to enhance instruction. **This course may fulfill science credit**

## 108 LEADERSHIP DEVELOPMENT



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Want to expand your horizons and develop qualities that will take you places? This course will challenge you to examine yourself and increase your commitment to personal goals while developing valuable leadership skills. Premier leadership, personal growth and career success are built through lessons in areas such as principles, proactive attitude, character, time management, thinking skills, diversity, meeting people, teamwork, effective communication and parliamentary procedure. Guest speakers, fun activities, community involvement and role-playing will add to the excitement of the class.

## 110 LANDSCAPE DESIGN & APPLICATION



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

A unique blend of art, engineering and science. This course will take you through the entire landscape process, from design to installation. This class works with an actual client, providing real-world learning. Plant identification, landscape designing, drawing, installation and maintenance are covered. This is a great class for those interested in plant-based careers or hobbies. Instruction is enhanced through field trips, guest speakers, and "hands on" activities.

## 120 VET SMALL ANIMAL SCI AS



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Animals are an integral part of many people's lives. This course gives you a working knowledge of veterinary science and small animal care. Units include animal welfare, animal anatomy and physiology, managing animal health care and small animals (such as bees, poultry, rabbits, and exotics). Animal handling, dog obedience, grooming and veterinary care are highlighted in regular trips to the animal shelter. Live animal interaction, guest speakers, lab activities and working with the agriculture department's aquaculture system enhance this class.

## 125 LARGE ANIMAL SCIENCE



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This very comprehensive course covers many of the major animal industries including the care and management of horses, swine, beef, dairy, and sheep. Additional units in animal nutrition and reproduction make this a great follow-up course to Veterinary and Small Animal Science. Through classroom discussions, lab activities, guest speakers, live animal interaction, and field trips you will look at today's animal agriculture issues and concerns and their impact on the care and management of common agricultural animals.

## 130 FOOD SCIENCE



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

One of the most intimate and frequent acts you perform is eating. This course will help you to recognize the science behind the food you're eating and help you explore careers in the rapidly growing food science industry. We will take raw agricultural commodities and process them into saleable consumer products, such as cheese, ice cream, brats and root beer. Produce from the agriculture department's land lab and greenhouse will also be utilized in processing activities. We will learn about packaging, processing, sanitation and current issues regarding the farm to food system. Guest speakers, field trips, and challenging lab activities add even more "flavor" to this class. **This course may fulfill science credit.**

# ART DEPARTMENT

## 152 INTRO TO ART S1

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

This is an introductory course that covers many different media for future art courses. This class will include basics of many different mediums that include; drawing, painting, printmaking, sculpture, art metals and graphic design. A medium (plural Media) is a substance the artist uses to create his or her artwork. For example, the medium Michelangelo used to create the statue David was marble.

## 153 INTRO TO ART S2

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

This is an introductory course that covers many different media for future art courses. This class will include basics of many different mediums that include; drawing, painting, printmaking, sculpture, art metals and graphic design. A medium (plural Media) is a substance the artist uses to create his or her artwork. For example, the medium Michelangelo used to create the statue David was marble.

## 154 DRAWING/PAINTING

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Students will develop basic drawing and painting techniques. Pencil, charcoal, pastel, watercolor, tempera and acrylic paint will be used. Students will concentrate on improving their drawing skills using a variety of media; including pens, pencils, inks, markers, mixed mediums and pastels. A variety of drawing methods and techniques will be explored to help develop a personal style. Ideas for drawing will develop through studying art history, photos, real objects and the imagination. Painting units of study include watercolor, acrylics and tempera paints used in many different ways. Prerequisite: Introduction to Art

## 156 ADVANCED STUDIO ART

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Students need to be self-motivated, conscientious and capable of producing artwork at an advanced level. This course is designed for only advanced students focusing on a core medium; drawing, painting, ceramics, graphic design and digital media, and animation. This is a more in-depth and independent look at art in a studio art setting. Students must take core art classes first and be approved by the art teacher. Prerequisite: Introduction to Art, Drawing/Painting, Sculpture, Ceramics, Graphic Design.

## 170 SCULPTURE

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Students will be familiarized with materials and processes, which lead to the creation of forms in space. Both subtractive and additive methods of sculpture are taught. Students will develop an awareness of traditional and contemporary sculpture. Prerequisite: 3-D Design or Introduction to Art

## **180 CERAMICS**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Basic hand building methods such as pinch, slab and drape will be used to create both decorative and/or fundamental clay objects. Students will become familiar with vocabulary, techniques, tools and glazes used in the ceramic process. Students will develop an awareness and appreciation for pottery created by other cultures throughout history.

## **185 GRAPHIC DESIGN & DIGITAL ARTS**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Students will learn basic graphic design using digital media to convey an idea, sell a product and convey messages. Students will also learn about the elements and principles of design using typography, photography, illustration and symbolism. Students will also have a functional knowledge of Adobe Illustrator, Adobe Photoshop, and Adobe InDesign. Prerequisite: Introduction to Art

## **190 MULTI-CULTURAL ARTS & CRAFTS**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

This class is based on creating multicultural arts and crafts with a bit of an art spin! This includes art metals, ceramics, wood carving, leather tooling, weaving, beading and possibly glass jewelry.

## **I199 IS ART**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This class is designed for students that have completed 4 levels of art and are interested in continuing to pursue art beyond previous curriculum, offering serious art students the freedom to explore the potentials and limitations of any art medium they are interested in working with to express themselves visually through the use of their chosen materials. The student must be self-motivated and able to work independently in their chosen areas(s) of work. Students should reflect on past experiences and expand their understanding of their chosen mediums through researching various styles of art or art mediums by visiting museum sites or doing other inspirational research, either in a narrow field of study, or to complete a vast array of experiences to better prepare them for future endeavors. Prerequisite: Instructor approval

# BUSINESS DEPARTMENT

## 203A SOFTWARE APP FOR BUSINESS A



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Computer skills gained in this course help students in high school classes, in the workplace, and at the college level. SAB improves students' file management, word processing, spreadsheet, and presentation skills. Students learn effective and efficient ways to integrate office software. Software applications will be directly related to solving business problems, formatting business information, and creating business reports. The work students do in this class is designed to improve their keyboarding speed and accuracy and introduces them to numbers, special characters, and the 10-Keypad. Business communication skills are covered as well as features of electronic calendars and email correspondence. Students earning a grade of C or better in both semesters will also earn 3 credits at Western Technical College. Students also have the opportunity to earn Microsoft Office Specialist Certification.

Semester 1 of 2 semester course

## 203B SOFTWARE APP FOR BUSINESS B



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

See 203A Software App for Business A

Semester 2 of 2 semester course

## 215A ACCT I A AS



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course is highly recommended for anyone interested in a business career of any kind. Students are introduced to the accounting cycle, special journals and subsidiary ledgers, and payroll systems. Transactions are completed for service and merchandising businesses; financial statements are prepared and analyzed for proprietorships and partnerships. Students complete a simulation as well as use computers for automated accounting and spreadsheet applications. Semester 1 of 2 semester class

## 215B ACCT I B AS



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 215A Accounting IA

Semester 2 of 2 semester course

## 220A ACCT II A AS



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Students continue to build a strong foundation in accounting theory and procedures within a corporation. Students use Excel and accounting software throughout the class to experience manual and computerized accounting. Topics covered include: uncollectible accounts, notes receivable and payable; accrued revenue and expenses; accounting for inventories; plant assets and depreciation; analyzing and interpreting financial statements; and corporate and nonprofit accounting. Students will complete a business simulation.

Semester 1 of 2 semester course

Prerequisite: Accounting I

## 220B ACCT II B AS



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

See 220A Acct IIA

Semester 2 of 2 semester course

## 222 MARKETING



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This class helps students understand all aspects of marketing from the producer through distribution channels to the consumer. There are several hands-on projects involving advertising campaigns and completing a marketing plan. This is a great class to learn how to market yourself as well as a business.

## 225 INTRO TO BUSINESS



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Students will develop a sense of their role as a consumer in today's society. They will discuss the economy and how businesses succeed. Curriculum includes units on: The Economy, Owning and Operating a Business, Groups Affecting Business, Marketing to the Consumer, Human Resources, and Managing Financial and Technological Resources. Students will connect with local businesses and conduct research related to all aspects of business management. This course is also offered as an online/blended course - students need permission to take it online outside the normal schedule.

## 230 BUSINESS LAW



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Students examine areas of law including contracts, consumer protection, employment, and credit. Students examine buying a car versus leasing and gain an understanding of insurance. Additionally, the topics of marriage, divorce, retirement, and preparing a will are discussed. Students will apply law to specific case studies to determine the legal outcome. An actual civil court case is viewed and discussed. Guest speakers from a variety of occupations (bankers, law enforcement, and local business) enhance the curriculum. Good comprehension of written material is necessary. Completion of this course fulfills the financial literacy graduation requirement.

## 235 CAREERS



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Careers is a course designed for students to explore lifelong career development. Students will plan for their futures and utilize information about themselves to explore possible career options. The Careers course will allow students to develop career plans, and investigate their own personal interests, and values while developing successful work skills.

## 238 MICROSOFT OFF SPECIALIST CE 1



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This course covers the latest Microsoft Office Software. The course engages students in critical thinking and problem-solving skills to create their own solutions using Microsoft Office software programs. Students will have the opportunity to complete up to four Microsoft Office Certifications in each of the individual programs (Word, Excel, Access, PowerPoint). Certification work is individualized based on students past success in certification testing. This class is transcribed with Western Technical College which means that students earning a grade of C or better in each of the individualized software programs will earn 1 credit/program at Western Technical College (up to 4 credits). This course is offered as an online course - students need permission to take it online outside the normal schedule.

## 239 MICROSOFT OFF SPECIALIST CE 2



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This course covers the latest Microsoft Office Software. The course engages students in critical thinking and problem-solving skills to create their own solutions using Microsoft Office software programs. Students will have the opportunity to complete up to four Microsoft Office Certifications in each of the individual programs (Word, Excel, Access, PowerPoint). Certification work is individualized based on students past success in certification testing. This class is transcribed with Western Technical College which means that students earning a grade of C or better in each of the individualized software programs will earn 1 credit/program at Western Technical College (up to 4 credits). This course is offered as an online course - students need permission to take it online outside the normal schedule.

## 240 EXPLORING COMPUTER SCIENCE



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Exploring Computer Science is a course designed in partnership with the National Science Foundation to enhance computer science learning opportunities. The course consists of six units that draw on a variety of tools/platforms and culminates with projects around the following topics: Human Computer Interaction, Problem Solving, Web Design, Programming, Computing and Data, and Robotics. Students are introduced to the major components of the computer. Basic steps in algorithmic problem-solving, including the problem statement and exploration, examination of sample instances, design, program coding, testing, and verification are covered. Students take on the role of a developer by expanding their knowledge of programming and Web page design and apply it to the creation of Web pages, programs, and documentation for users and equipment. Computers will be used to translate, process, and visualize data in order to find patterns and test hypotheses. Students should possess the following skills/traits to take this class: curiosity, attention to detail, independent learner, adaptable, persistent, and enjoy problem solving. This is an online class - students need permission to take it online outside the normal schedule.

## 241 RETAIL/SUPERVISORY MGMT



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This course provides a culminating experience for students with an opportunity to apply business skills learned in previous courses. The course requires hands-on experience managing all aspects of a school store including purchasing, inventorying, marketing, sales, and financial reporting. Students will also manage the School Store including concession events and have the opportunity to supervise "school store employees." Students must have approval from the classroom instructor to take this course.

## **I202 IS TECH TEAM**

Grade Level: 12 Semester/ 0.500 credit(s) Elective

Are you interested in working with technology? Whether it is hardware or software, put your skills to work at BRFHS. As a member of the tech team, you'll typically work during school hours, to aid other students and staff members with diagnosing, fixing, and troubleshooting technology-related issues.

Other responsibilities may include teaching technology related skills to students and staff, helping to implement new programs, participating in social media campaigns, website design, screen casting, database design, entering help desks, assisting with laptop distribution and collection, as well as other initiatives that arise during the school year.

Requires teacher approval.

# ENGLISH DEPARTMENT

## **250A ENGLISH 9 A**

Grade Level: 9-12 Semester/ 0.500 credit(s) Required

English 9: is a prerequisite for all future English courses and provides a foundation in grammar and usage, vocabulary study, writing, and reading and understanding literature. Students will read short stories, poetry, plays, novels, and analyze these literary pieces orally and in formal and informal writing situations relating these pieces to life experiences. Students will also read independently for enrichment. Semester 1 of 2 semester course

## **250B ENGLISH 9 B**

Grade Level: 9-12 Semester/ 0.500 credit(s) Required

See 250A English 9A

Semester 2 of 2 semester course

## **254 COMPOSITION**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Students will focus on improving the writing skills they learned in English 9 by continuing their study of formal writing and writing about literature. The class will be composed of essays such as, but not limited to, argumentative, literary analysis, research and creative non-fiction.

Prerequisite: English 9

## **260A ENGLISH 11 A**

Grade Level: 11-12 Semester/ 0.500 credit(s) Required

In English 11 students will study early American literature to the turn of the twentieth century. All genre including short stories, poetry, plays, a novel and essays may be read. Students will examine how major historical events such as slavery and the revolutionary and civil wars affected the literature written during this time. Besides reading and discussing the literature, students will write in response to what they read utilizing the skills learned in Composition. Students will continue to develop vocabulary knowledge.

Semester 1 of 2 Semester Course

## **260B ENGLISH 11 B**

Grade Level: 11-12 Semester/ 0.500 credit(s) Required

See 260A English 11 A

Semester 2 of 2 Semester Course

## **265 WORLD LITERATURE**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

In World Literature students will read and analyze literature written by authors from around the world. This study will include poetry, plays, essays, novels, short stories and mythology. Students will respond to this literature both orally and in formal and informal writing. Social and cultural issues as related to the written literature will be examined during the course. Grammar and usage will be studied as needed in the context of writing in response to the literature. Vocabulary will also be an integral part of this course.

Prerequisites: English 9, Composition

## **269 COLLEGE PREP WRITING**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Part of preparing for writing in college is getting accepted into college. In this course, you will write your college application essay with guidance so you will have a prepared narrative essay to use for your college admissions essay and/or scholarship applications. We will examine how writing for college differs from writing for high school. We will practice types of writing assigned in college, including the argumentative essay and the literary analysis essay. We will review and apply the writing process with guidance from the text *Stronger Writing Skills: The Complete College Prep Writing Course*. We will review grammar rules by application through editing activities and expand our vocabulary with ACT/SAT prep activities.

Prerequisite: English 9 & Composition with B average

## **274A STRIPES A**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

This class is designed to incorporate creative script writing and performance skills through improvisational exercises. These finalized scripts will be performed to grades 4K-12 and will be based upon concerns, both in school and outside of school, utilizing research, the Tiger Way and societal norms. Be prepared to work hard and have fun in this class.

**This course does not fulfill an English requirement.**

Prerequisite: Teacher Approval

## **274B STRIPES B**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

This is the second half of Students Teaching Respect through Improvised Peer Educational Skits. The class is designed to incorporate creative script writing and performance skills through improvisational exercises. These finalized scripts will be performed to grades 4K-12 and will be based upon concerns, both in school and outside of school, utilizing research, the Tiger Way and societal norms. Be prepared to work hard and have fun in this class.

**This course does not fulfill an English requirement.**

Prerequisite: STRIPES A

## **280 VIDEO AUDIO S1**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This fast-paced and fun course challenges students to become part of the team that produces content for a newscast. Students learn the basics of digital video editing and explore the use of digital sound and video to create interesting stories and messages.

**This course does not fulfill an English requirement.**

## **281 VIDEO AUDIO S2**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course provides opportunities for students to learn elements of media and visual literacy and further develop television production skills. In addition to crewing the regular newscasts, students will produce short, original video projects and will be required and encouraged to videotape events around the Black River Falls schools for use in projects and newscasts.

**This course does not fulfill an English requirement.**

Prerequisite: Video-Audio

## **282 CREATIVE WRITING**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Students will focus on different styles of writing, with an emphasis on creating poetry and short fiction. Students will examine literature to learn different writing techniques and styles. Class discussion of each student's work will be required, as well as performing their own writing.

Prerequisite: English 9 and Composition

## **283 VIDEO AUDIO 2 S1**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This course provides additional opportunities for students to continue designing elements of media, visual literacy and television production. In addition to crewing the regular newscasts, students will produce short, original video projects and will be required and encouraged to videotape events around the Black River Falls schools for use in projects and newscasts.

**This course does not fulfill an English requirement.**

This course may be repeated for credit.

Prerequisite: Video-Audio

## **284 VIDEO AUDIO 2 S2**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This course provides additional opportunities for students to continue designing elements of media, visual literacy and television production. In addition to crewing the regular newscasts, students will produce short, original video projects and will be required and encouraged to videotape events around the Black River Falls schools for use in projects and newscasts.

**This course does not fulfill an English requirement.**

This course may be repeated for credit.

Prerequisite: Video-Audio

## **287 COMMUNICATION**

Grade Level: 10-12 Semester/ 0.500 credit(s) Required

Students will be introduced to public speaking skills and the art of oral communication. Through researching, planning, writing, and presenting speeches, students will develop effective organization, evaluation and presentation techniques. Students will learn a variety of speaking styles, such as informative, persuasive, interview, and demonstrative speaking to meet different occasions and purposes.

Prerequisite: English 9

## **288 OUTDOOR LITERATURE**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

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

Prerequisite: English 9

## **289 BRITISH LITERATURE**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This course is designed for students who plan on attending college after graduating from high school. This course will focus primarily on the prose and poetry of the British Isles from the dawn of early English to the present, especially the works of Shakespeare, Shaw, Milton, Chaucer and the great poets of British literature.

Prerequisite: Composition

## **290 DRAMA LITERATURE**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Students will read and study drama chosen from historical and modern times with an emphasis on the development of drama. Students will write in response to the plays using research skills and good essay techniques learned in previous English courses. In addition, students will compose and perform dramatic material in the classroom. This course will develop basic understanding of human nature and culture. Oral reading and role-playing will be required. Prerequisite: English 9

## **292A AP LIT & COMP A**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

In the Advanced Placement English course students will develop analytic literary skills. These much-emphasized analytic skills will be developed through the in-depth reading of a wide variety of advanced/college level novels, short stories, and poems. These skills will be further honed by class discussion, formal writing, and critical analysis. Additionally, this course will function much the same as that of a first year college English course; therefore, students should be prepared for college level rigor. This includes a summer reading requirement that must be completed prior to the first day of classes. Students will be provided with a summer reading assignment prior to the last day the current school year.

Semester 1 of 2 semester course

## **292B AP LIT & COMP B**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

See 292A AP LIT & COMPOSITION A

Semester 2 of 2 semester course

### **293A WRITING IA SRL/NEWS**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Do you want to be part of shaping the news? Writing 1: SRL/NEWS, the class that publishes the Paw Print Online and acts as a PBS NewsHour Student Reporting Lab, needs YOU. While taking on the challenges of writing researched news, persuasive and narrative articles, students get the opportunity to interview a wide variety of people and research interesting topics. The result? Work that makes people talk. The work staffers publish gets school, community and national exposure. The national exposure comes through its partnership with PBS NewsHour as a Student Reporting Lab. Student work has the potential to be shown on the the NewsHour's national evening news program. Writing, video and social media opportunities are available. This class is a prerequisite for Writing II. A performance contract is required of each student.

Prerequisite: English 9

Semester 1 of 2 semester course

### **293B WRITING IB SRL/NEWS**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 293A WR IA SRL/NEWS

Semester 2 of 2 semester course

### **294A WRITING IA YEARBOOK**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Writing 1: Yearbook, the class that publishes Breeze yearbook, is in search of people who consider themselves creative and like the idea of designing magazine spreads, plus can interview students and staff and write their stories. Students get the opportunity to interview a wide variety of people and research school-based topics. In the end, you'll understand the rush of cracking open that first yearbook and seeing your work in print. Writing, photography and design opportunities are available. This class is a prerequisite for Writing II. A performance contract is required of each student.

**This course does not fulfill an English requirement.**

Prerequisite: English 9 and teacher recommendation

Semester 1 of 2 semester course

### **294B WRITING IB YEARBOOK**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 294A WR IA YEARBOOK

Semester 2 of 2 semester course

### **297A WR IIA SRL/NEWS**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

### **297B WR IIB SRL/NEWS**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

### **298A WR IIA YEARBOOK**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective



**298B WR IIB YEARBOOK**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

# FAMILY CONSUMER SCIENCES DEPARTMENT

## 305 PARENTING & INFANT/TODDLER DEV



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

In this course you will study infant and toddler development. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; analyze development of infants and toddlers (conception to three years); correlate prenatal conditions with development; summarize child development theories; analyze the role of heredity and the environment; examine research-based models; examine culturally and developmentally appropriate environments for infants and toddlers. Transcribed with WTC for 3 credits.

## 307 PARENTING & CHILD DEVELOPMENT



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

In this course we will examine child development within the context of the early childhood education setting. Course competencies include: analyze social, cultural, and economic influences on child development; summarize child development theories; analyze development of children age three through age eight; summarize the methods and designs of child development research; analyze the role of heredity and the environment. Transcribed with WTC for 3 credits.

Prerequisite: Parenting and Infant/Toddler Development

## 310 FOODS: FAMILY FOOD & SOCIETY



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

In this course we will discuss the basic cooking skills associated with interpreting recipes, measuring techniques, preparation tasks, and time management. In addition, the student will become familiar with the safe use and care of kitchen tools and equipment. The MyPlate model is used as a reference for planning and preparing a variety of recipes for the numerous lab experiences. Also, the student will determine how to become a wise consumer when purchasing food. A \$10.00 lab fee is required for the term.

## 311 CREATIVE FOODS: FOODS & CULTURE



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This class explores areas of food from all around the world. Students will not only study foods from other countries, but will also learn how to cook using different food techniques. In addition, this course allows for students to experiment more in advanced food preparation. A versatile selection of recipes will be prepared each week. A \$10.00 lab fee is required for the term.

Prerequisite : Foods: Family, Food & Society

## 315 CLOTHING I



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

In this course, students will learn the basics of clothing construction. Through classroom instruction students will learn the basics about sewing machines and hand sewing. Students will be required to choose and then construct their own sewing projects applying all the information gained from learning the basics of clothing construction. The average project costs around \$15-\$30 depends on the type of project you choose.

## **320 CLOTHING II**



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Expanding on what was learned in Clothing I, students will make at least three large projects of their choice and experience a craft unit. Instruction of sewing basics will be ongoing. The average project costs around \$15-\$30 depends on the type of project you choose.

Prerequisite: Clothing I, offered simultaneously during Clothing I coursework

## **328 HOUSING**



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Housing is a study of national and international housing needs, trends, lifestyles, interiors and exteriors. Responsibilities of renting and ownership are compared. A study of housing costs, financing alternatives, insurance and various purchasing facts are studied prior to selecting a housing plan. Computer technology will be used to enhance the designing and decorating aspects of this plan. Color coordination, wall finishes, floor coverings, window treatments and furniture are included within the scope of interior decorating. Landscaping, energy conservation and careers are also included. Field trips to examine available housing, model homes and furniture dealers will be arranged.

# MATH DEPARTMENT

## **400A MATH I A**

Grade Level: 9 Semester/ 0.500 credit(s) Elective

Math 1 is a beginning level course for freshmen. Topics from Pre-Algebra will be covered at a slower pace. It is designed to strengthen the math skills and number sense of students. This course will serve as a prerequisite for Math 2. Completion of both Math 1 and Math 2 provides a student with the topics from the Algebra 1 course.

Semester 1 of 2 semester course

## **400B MATH 1 B**

Grade Level: 9 Semester/ 0.500 credit(s) Elective

See 400A Math IA Semester 2 of 2 semester course

## **405A MATH II A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Math 2 is a year-long course that is a continuation of the topics from Math 1. Topics from a traditional Algebra 1 course will be presented. Principles of math, along with graphing, solving techniques, and reasoning algebraically will be emphasized. Successful students may advance to geometry Semester 1 of 2 semester course

Prerequisite: Math 1 or Algebra 1

## **405B MATH II B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 405A Math IIA

Semester 2 of 2 semester course

## **410A ALGEBRA I A**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Algebra 1 will involve daily work with basic mathematical skills, graphing, reasoning with equations, and problems solving. Students will work with symbolic representations for patterns found in tables and graphs. Emphasis will be placed on linear, quadratic, and exponential relationships. Successful students may advance to Geometry. students earning an A in Algebra 1 may register for both Geometry and Algebra 2 the following semester.

Semester 1 of 2 semester course

## **410B ALGEBRA I B**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

See 410A Algebra I A

Semester 1 of 2 semester course

## **415A GEOMETRY A**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Geometry covers the topic of shapes in 2 and 3 dimensional settings. Points, lines, planes, circles, and angles are the foundation for studying triangles and other polygons. Area and volume formulas are discovered and applied. The concept of a mathematical proof is introduced. Successful students may advance to Algebra 2. Semester 1 of 2 semester course

Prerequisite: Algebra 1 or Math 2

## **415B GEOMETRY B Grade Level: 9-12 Semester/ 0.500 credit(s) Elective**

See 415A Geometry A

Semester 2 of 2 semester course

## **420A ALGEBRA II A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Algebra 2 is an expansion of the topics learned in Algebra 1 and Geometry. Work with linear and quadratic functions will be reviewed. New topics will include: conic sections, exponential equations, logarithms, and periodic functions. Successful students may advance to Pre-calculus. Topics from the math section of the ACT test are emphasized in this course.

Semester 1 of 2 semester course

Prerequisite: Geometry

## **420B ALGEBRA II B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 420A Algebra II A

Semester 2 of 2 semester course

## **425A PRE-CALCULUS A**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Pre-calculus is a college-prep class and is designed for very strong math students. Grades of C or better should have been earned in previous math courses. It covers linear and quadratic functions; polynomial functions (including those with degree greater than two); inequalities in one variable and also in two variables; properties, graphs, inverses, and applications of functions; trigonometric functions, trigonometric equations and applications, triangle trigonometry, trigonometric addition formulas; polar coordinates; complex numbers; vectors and determinants; and sequences and series. Successful students may advance to Calculus.

Semester 1 of 2 semester course

Prerequisite: Algebra II

## **425B PRE-CALCULUS B**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

See 425A Pre-calculus A

Semester 2 of 2 semester course

### **435A AP CALCULUS A**

Grade Level: 12 Semester/ 0.500 credit(s) Elective

The student will develop an understanding of both differentiation and integration comparable to a first course of introductory college calculus. Emphasis will be placed on both the derivation and application of the fundamental principles of calculus. Graphing calculators will be used extensively in the learning process. Students admitted to the AP(R) Calculus program will be required to do work intended to prepare them for taking the Advanced Placement AB exam in Calculus.

Semester 1 of 2 semester course

Prerequisite: Pre-Calculus

### **435B AP CALCULUS B**

Grade Level: 12 Semester/ 0.500 credit(s) Elective

See 435A AP Calculus A

Semester 2 of 2 semester course

### **440A CONSUMER MATH A**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Consumer Math deals with the mathematics involved in today's consumer and career areas. Topics will include: Wages and salaries, commissions, taxes, credit and credit payment, banking, budgeting, auto and home expense, insurance, investments, travel, and recreation expense. A calculator is required.

Consumer Math fulfills the Financial Literacy requirement as well as a math requirement for graduation.

Semester 1 of 2 semester course

### **440B CONSUMER MATH B**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

See 440A Consumer Math A

Semester 2 of 2 semester course

### **450 PERSONAL FINANCE**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course will inform students how individual choices directly influence occupational goals and future earnings potential. Real world topics covered will include income, money management, spending and credit, as well as saving and investing. Students will design personal and household budgets utilizing checking and saving accounts, gain knowledge in finance, debt and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence. This course fulfills the financial literacy requirement for graduation.

# MUSIC DEPARTMENT

## 501 CONCERT CHOIR S1

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Concert Choir is a vocal ensemble open to students in grades 9-12. Students will learn musical concepts relating to vocal production, note reading/sight singing, ear training, elementary music theory, and appropriate performance practice. In addition to daily rehearsal students are required to participate in individual lessons and all scheduled performances. Students are encouraged to take advantage of additional performance opportunities such as Solo & Ensemble contest.

## 502 CONCERT CHOIR S2

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

See 501 CONCERT CHOIR S1

## 505 CHAMBER CHOIR S1

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Chamber Choir is an advanced auditioned ensemble that focuses on choral music from a wide variety of genres, styles, cultures, and difficulty levels. Students are expected to have mastered basic concepts relating to vocal production, note reading/sight singing, ear training, elementary music theory, and appropriate performance practice prior to acceptance into this course. In addition to daily rehearsal, students are required to participate in individual lessons and all scheduled performances. Students are encouraged to take advantage of additional performance opportunities such as Solo & Ensemble contest. Auditions for this ensemble take place before class registration, and students are registered for this course by the instructor.

## 506 CHAMBER CHOIR S2

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 505 Chamber Choir S1

## 511 BAND S1

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

High School Band is a performing ensemble where students develop their instrumental playing abilities. Rehearsals incorporate the study of music ranging from traditional band repertoire to contemporary, pop, rock and jazz literature. In addition to rehearsals, students are required to attend individual/small group lessons and all scheduled performances. Marching requirements include pre-game and half-time shows for home football games and attendance at all scheduled parades. Band students are also involved with the Tiger Pep Band for performances at home sporting events and school assemblies. In addition, band members may choose to participate in Solo & Ensemble contest, jazz ensemble, and handbells. Band may be taken for credit up to eight semesters. Band should be taken as a yearlong class unless special permission is given from the band director. This allows for continuous musical growth. To plan for the marching season, students cannot drop S1 band after August 1.

## 512 BAND S2

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Band S2 should be taken with S1 unless special permission is received from the band director.

## **520 MUSIC APPRECIATION**

Grade Level: 9-10 Semester/ 0.500 credit(s) Elective

Music Appreciation is a survey course integrating fundamental and structural elements of music, historical aspects of music in relation to significant events, composition and performance techniques, and analysis/evaluation of music of diverse cultures. The course is open to all students. Topics will include composition, guided listening, research, and discussion. Units covered include jazz, eras of musical history, musicals, careers in music, technology in music, and others.

## **525 INTRO TO MUSIC & THEATRE TECH**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Introduction to Music and Theater Technology prepares a student to do basic work on the technical side of theatrical productions. The units include Basic Technical Theater, Lighting, Audio, and Lighting Design. Students will receive practical experience in the operation and programming of the light and sound boards, and will complete projects that utilize these technologies/equipment. Students will also study music notation software and sound-editing software. This class is geared toward students who would like to work as a Lunda Theater Technician.

## **540 MUSIC IN FILM**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This class will allow students to analyze the connection between music and film. Students will learn about the process of scoring music to fit movies and specific scenes and determining instrumentation to best portray the desired mood. The history of scoring music to fit a scene, with roots in classical music and opera, to early film (silent movies), through the advent of computers and synthesizers, to modern-day film scoring will be covered. Influential film composers and their works will be discussed and analyzed. Students will also have the opportunity to create their own film score for a short scene. Projects will include the critical analysis of film scores for several movies, composing music to fit specified moods and scenes, and creating a film score for a short video.

Prerequisite: One other HS music class

## **1501 IS COMPOSITION**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Music Composition is a continuation of Music Theory. Students will learn about cadences, phrases, harmonic progressions, and chords. The seven modes, instrument transpositions, and instrument ranges are also discussed. The students then use these concepts to compose pieces of their own. Compositions for voice, instrumental ensembles, and jazz ensembles are examples of the projects students will complete.

Prerequisite: Passing Grade in Music Theory

## **I530 IS MUSIC THEORY**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Music Theory is for music students who want to enrich their musical experiences in band and choir as well as solo performance. This class will explore how music is put together (harmony), and how that harmony "works." Music theory is recommended for any student who is proficient in voice or on an instrument, but, in particular, it will prepare students to test into an accelerated college/level theory course if they decide to study music after high school. Specific topics for learning and practice include: elements of pitch and rhythm, major and minor chords and keys, 3-and 4-part writing, and others. Prerequisite: 10th-12th grade students with at least two semesters of a high school ensemble (band or choir) experience and permission from teacher.

# PHYSICAL EDUCATION DEPARTMENT

## **600 PE 9**

Grade Level: 9-12 Semester/ 0.500 credit(s) Required

PE 9 provides an opportunity for the introduction and development of life long athletic skills. Focus will be on skills that the students will need to participate in life long activities. PE 9 will include activities, which involve cardiovascular endurance, strength, and flexibility. The program is also designed to promote a positive attitude toward health and physical education class. PE 9 will include: basketball, volleyball, weight training, badminton, floor ball, and fitness. \*\*\*\*\*(The above units are subject to change)\*\*\*\*\*

## **610 PE 10**

Grade Level: 10-12 Semester/ 0.500 credit(s) Required

PE 10 provides an opportunity for the development of fundamental skills in a wide range of areas. Students will be exposed to a variety of life long activities. This course will include activities, which involve cardiovascular endurance, strength, and flexibility. The program is also designed to promote a positive attitude toward health and PE class. PE 10 will include: LaCrosse, floor hockey, softball, tennis, fitness, and soccer. \*\*\*\*\*(The above units are subject to change)\*\*\*\*\*

## **615 PE 11 FITNESS/WEIGHT TRAINING**

Grade Level: 11-12 Semester/ 0.500 credit(s) Required

This course is designed to provide students with fitness and weight training. The goal is to help students improve their overall fitness including cardiovascular, muscular strength, muscular endurance and flexibility. Students will be exposed to strength training and a variety of fitness training programs. Students will be allowed to take both P.E. 11 classes for credit. Students are not able to take multiple PE classes during a semester unless pre-approved by PE teachers.

## **620 PE 11 RECREATIONAL ACTIVITIES**

Grade Level: 11-12 Semester/ 0.500 credit(s) Required

This course should be taken after students complete P.E. 9 and P.E. 10. Course content will be selected from a variety of lifetime activities. Selections will be made from the following recreational activities: basketball, tennis, archery, volleyball, swimming, golf, volleyball, pickle-ball, speedball, soccer, broom ball, snow shoeing, flag football, weight training, fitness, La Crosse, badminton, racquetball and floor hockey. Students will be allowed to take both P.E. 11 classes for credit. Students are not able to take multiple PE classes during a semester unless pre-approved by PE teachers.

## **636 PE 12 LIFELONG ACTIVITIES**

Grade Level: 12 Semester/ 0.500 credit(s) Elective

This class is designed for seniors who have completed the required 1-1/2 credits of physical education. Course content will include fitness, weight training and class selected lifetime activities. Limited to Senior Students, unless teacher approved.

## **638 PE 12 SPORTS & OFFICIATING**

Grade Level: 12 Semester/ 0.500 credit(s) Elective

PE Officiating is a course that will prepare you to take and pass the WIAA officiating test or tests and allow you to earn money as a game official in the State of Wisconsin. We will focus on the games of volleyball and baseball/softball. Along with playing the activities, we will work on understanding and interpreting the rules. If we have extra time we will look at other sports and activities. Special Note: \*A student cannot take more than one PE class a day. They may TA one time per day along with a PE class.

## **660 HEALTH**

Grade Level: 9 Semester/ 0.500 credit(s) Required

This course is designed to help our students gain an understanding of their overall well-being. The reproductive system, sexually transmitted diseases, drugs, alcohol and other health related issues such as suicide, peer pressure, nutrition and stress will be studied. This class will encompass many topics which are extremely important and relevant to today's youth. CPR and basic first aid will be taught in this class.

# SCIENCE DEPARTMENT

## 710A BIOLOGY A

Grade Level: 9-12 Semester/ 0.500 credit(s) Required

The class will use an experimental approach to the study of life. The course content will deal with the scientific process, basic biochemistry, cell structure, cell processes including reproduction and metabolism, genetics, gene technology, evolution, bacteria, fungi and viruses, plants and ecology. Level one science class.. Semester 1 of 2 semester course

## 710B BIOLOGY B

Grade Level: 9-12 Semester/ 0.500 credit(s) Required

See 710A Biology A

Semester 2 of 2 semester course

## 716 FORENSIC SCIENCE

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course explores the science behind criminal investigation. This is an ideal course for those who like to apply scientific concepts to solve problems. Students will develop several laboratory skills to collect evidence, design experiments, and decipher experimental results. This class will focus heavily on laboratory skills and practices of the professional world. Topics will be introduced and reinforced in a variety of lab settings.

Level two science class.

Prerequisite: Biology

## 720 HUMAN ANATOMY & PHYSIOLOGY TRC



Grade Level: 12 Semester/ 0.500 credit(s) Elective The course examines basic concepts of Human Anatomy & Physiology (A&P) as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross & 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 A & P to informed decision-making & professional communication with colleagues & patients. (This course also provides the foundation, and is a prerequisite to Advanced Anatomy and Physiology at Western Technical College. Credit may transfer to other higher education institutions).

Prerequisite: Senior standing with successful completion of Biology and Chemistry

Level Four Science Class

## **722A AP BIOLOGY A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

**Offered in 2018-2019, not offered in 2019-2020**

AP Biology is designed to be the equivalent of a college introductory Biology course. The course prepares the student for the AP Biology exam given by the College Board in May, with the potential of achieving college credit. The class framework supports four Big Ideas: Evolution, Cellular Processes: Energy and Communication, Genetics and Information Transfer, and Biological Interactions. Inquiry science practices such as developing hypotheses and experimental design are emphasized. Routinely, students will mathematically analyze and graph data and present their results in a written formal lab. Free response writing and much textbook reading are required for the successful completion of the class. Students are assessed through exams, laboratories, and writing assignments. It is assumed the student has a working knowledge of their high school Biology and Chemistry classes. Level Four Science class. Prerequisites: Earned at least a B in Biology, and Chemistry, however a highly motivated student may take Chemistry concurrently. If prerequisites are not met the student needs to acquire prior approval from the course instructor.

Semester 1 of a 2 semester course

## **722B AP BIOLOGY B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Offered in 2018-2019, not offered in 2019-2020

See 722A AP Biology A

Semester 2 of 2 semester course

## **726A AP ENVIRONMENTAL SCIENCE A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

**Not offered in 2018-2019 - Next offered 2019-2020 School Year**

This is a great class for anyone who has always wanted to try an AP Class especially if you are someone who cares about the environmental issues that challenge our world today. This class will provide you with the scientific principles and skills required to identify and analyze environmental problems, to evaluate the risks associated with these problems, and to examine solutions for resolving or preventing them. Students will participate in labs and fieldwork to collect and analyze authentic data and to evaluate specific environments, such as wetlands, forests, or mining reclamation land. Field trips, and professional speakers are an important part of this class. In the spring, Students have the opportunity to take the AP Environmental Science Test for college credit or advanced placement. This class will be offered 2017-2018. It is run alternately with AP Biology which will offered in 2018-2019.

Prerequisites: 10-12 Grade. Biology and a physical science class. (Chemistry, Earth Science, etc.) The physical science class may be concurrent. If prerequisites are not met, you must have instructor permission for enrollment.

Semester 1 of a 2 semester course.

## **726B AP ENVIRONMENTAL SCIENCE B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Not offered in 2018-2019 - Next offered 2019-2020 School Year

See 726A AP Environmental Science A

Semester 2 of 2 semester course

## **730A CHEMISTRY A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Chemistry is the study of matter, its forms and changes. Students will formulate and revise scientific explanations and models using logic and evidence obtained from lecture and laboratory activities.

Students will be taught to recognize and analyze alternative explanations of natural phenomena, communicate and defend a scientific argument, and design and conduct scientific investigations.

Students planning to attend college or any health career occupation should have High School Chemistry on their transcript.

Level two science class.

Semester 1 of 2 semester course

Prerequisite: Geometry, Biology

## **730B CHEMISTRY B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 730A Chemistry A

Semester 2 of 2 semester course

## **731 ADVANCED CHEMISTRY**



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Advanced Chemistry is a blended course designed for students who have successfully completed Chemistry and are looking to continue their pursuit of a career in physical sciences. Students will participate in a research and experimentation driven course that revolves around large scale experimentation, increased mathematical application and use of modern laboratory techniques and equipment not available in Chemistry. Students will complete an independent research project that will be suitable for presentation at local or statewide science events as the final capstone project rather than a traditional final. The units of study are:

- Organic Chemistry
- Biochemistry
- Nuclear Chemistry
- REDOX Chemistry
- Level four science class

## 735A PHYSICS A

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Physics is the study of how our physical world works around us. You would do: Labs, Projects, Teamwork, AND challenge yourself to become a problem solver. Physics class will be dedicated to linear mechanical energy. You will investigate, manipulate and analyze the following concepts: velocity, acceleration, forces, motion, work and momentum. You will apply concepts to everyday life, the use of technology, project work and teamwork will be emphasized throughout all terms of physics. Then you will move onto rotational mechanical energy. We will also study fluid, thermal dynamics and wave (sound and light) energies.

Level three science class.

Semester 1 of 2 semester course

Prerequisite: Enrollment in or completion of a Math course above Geometry.

## 735B PHYSICS B

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 735A Physics A

Semester 2 of 2 semester course

## 745 MEDICAL TERMINOLOGY TRC



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course is designed for students wishing to prepare for a future in the medical fields. This course focuses on the component parts of medical terms: prefixes, suffixes and root words. Students will practice the formation, analysis and reconstruction of the terms. Emphasis on spelling, definition and pronunciation will be incorporated into the learning of operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology. This class is transcribed with Western Technical College which means that students earning a grade of 78% or better will earn 3 credits at Western Technical College in Medical Terminology.

Level three science class.

## 752 ASTRONOMY

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

**This course is offered 2018-19, not offered 2019-20**

This course provides an introduction to Astronomy for students interested in further exploration of space, gravitational forces and non-Newtonian physics. Students should have strong language arts and math skills and a willingness to engage frequently in group work. This course will cover the following topics: Ancient astronomy Relative distances and size in the universe

Star and planet composition Black holes, nebula and other cosmic phenomenon

Space exploration

Gravitational forces and orbits

Prerequisite: Geometry Level two science class.

## **754 WILDLIFE ECOLOG**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course is for those who are interested in Wisconsin wildlife and the outdoors. This is an ideal course for those who like to apply scientific concepts in the outdoors and in unique ways that require critical thinking. Students will learn about the complex relationships that exist among animals along with their life histories to explore how they all survive within the same community. Wisconsin biomes, plant, and wildlife are emphasized. You must be willing to go outside on nature walks and field trips in a variety of weather.

Level two science class.

Prerequisite: Biology

## **756 GEOLOGY & OCEANOLOGY**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

This course is for students who wish to know more about our planet. In this course students will learn about: Earth's Interior, Local Geology, Earth's History, Water on Earth, and Why does the Earth look the way it does? You may know that Earth is the third rock from the sun, but there is so much more! Topics will be introduced and reinforced in a variety of lab settings. This course was formerly titled "Earth Science".

Level two science class.

## **758 WEATHER & CLIMATE**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

**Not offered in 2018-2019 - offered in 2019-2020**

This course is for those who are interested in learning about the earth's unique atmosphere and the different types of weather and climates that it contains. If you have ever wondered why it rains, why some rain drops are larger than others, why there is wind, then this class is for you.

Level two science class.

## **760 HEALTH SCIENCE**

Grade Level: 10-11 Semester/ 0.500 credit(s) Elective

This course serves as an introduction to health science for students interested in health science careers. This exploratory course includes: college and career exploration, basic knowledge and skills of medical professionals, and introduction to human health and disease, employability and professional leadership skills, and guidance for future course selections and career-related experiences.

Level two science class.

Prerequisites: Biology, Health

## **SOCIAL STUDIES DEPARTMENT**

### **800A US HISTORY A**

Grade Level: 9-12 Semester/ 0.500 credit(s) Required

The first semester of this course provides a 2-week survey of Revolutionary America through the 19th Century; followed by 16 weeks studying the first half of the 20th Century. We will then study the early 20th Centuries economic and technological developments, the effect of the Great Depression, both World Wars and the origins of the Cold War. An emphasis will be placed on leadership characteristics, character-building skills and critical thinking activities to challenge students in learning varying perspectives of American history. The second semester of this course is a survey of the United States from 1950 to the present period. The following events are highlighted: The Cold War, the 1960's Social and Cultural Revolution, the Vietnam War, the Reagan Era, the post-Cold War world of the 1990's, the events surrounding September 11, 2011 and beyond.

Semester 1 of 2 semester course

### **800B US HISTORY B**

Grade Level: 9-12 Semester/ 0.500 credit(s) Required

See 800A US History A

Semester 2 of 2 semester course

### **805A WORLD HISTORY A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Required

The major developments of various areas of the world will be explored thematically through the two semesters. The following three topics will be studied during the first semester: Geography, Resources, and Religion, Government and Economics, and Revolutionary Ideas. The following three topics will be studied during the second semester: Exploration and Its Consequences, Revolutions and Wars, and World Conflict and Struggles. A major emphasis in this course will be on reading, research, and writing.

Semester 1 of 2 semester course

### **805B WORLD HISTORY B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Required

See 805A World History A

Semester 2 of 2 semester course

### **810 U.S. & GLOBAL POLITICS**

Grade Level: 10-12 Semester/ 0.500 credit(s) Required

USGP explores the challenges and opportunities related to active citizenship in a democratic republic. Students are introduced to the current domestic political culture, including an introduction to the US, Wisconsin, and Ho-chunk Constitutions, and take a version of the US Citizenship Test, a requirement for graduation in Wisconsin. In addition, students explore the global political environment including the 9-11 Wars and the complex nature of current foreign policy situations. Close Reading of essential documents of US political history is emphasized and the course is taught in a blended fashion, utilizing traditional methods and digital applications. It is recommended that students take this course in grade 10 if they are planning to include AP(R) courses during their junior and senior years.

## **815 REGIONAL AND GLOBAL ECONOMICS**

Grade Level: 10-12 Semester/ 0.500 credit(s) Required

Economics examines the basic concepts of the American economic system by utilizing the skills of the economist, citizen and consumer in order to understand how the economy functions and the role of average American citizens our economy. Current issues will be analyzed, focusing on how the local economy fits into the state, national, and global communities. Students are encouraged to join the Tiger Investment Club. It is recommended that students take this course in grade 10 if they are planning to enroll in AP® courses during their junior and senior years.

## **820 LAW AND SOCIETY**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Law and Society is designed to help students understand the ever-changing legal environment of Wisconsin and the United States through an introduction to both Constitutional and Criminal Law. A range of topics are explored including Amendment 1 freedoms, due process rights, the criminal justice system, criminology, the correctional system, and juvenile law. Reading and research are emphasized and the course is taught with a blend of traditional and online applications. Local legal professionals share their expertise with the class on a variety of topics. 9th graders must have instructor approval prior to enrolling.

## **832A AP US HIST A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

AP® US History focuses on the major themes of American history from the pre-Columbian world to the 21st Century. Aligned with the 2015 revisions developed by the College Board, the curriculum places much emphasis on the development of Historical Reasoning Skills that prepare students for the experience of a first year college course. Students must be active readers and willing to be coached on their writing throughout the year. While emphasis is placed on preparing for college, every student will be introduced to the structure and skill set necessary to compete successfully on the National Exam offered in May, although participation in the Exam is not required. 10th graders must have instructor approval prior to enrolling.

Semester 1 of 2 semester course

## **832B AP US HIST B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 832A AP US Hist A

Semester 2 of 2 semester course

## **840A AP PSYCHOLOGY A**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

AP® Psychology gives students an introduction to the field of psychology. Major topics of the course include: functions of the brain, sensation and perception, dreams, personality development, abnormal psychology, social psychology and human development. The level of expectation is similar to that which students will encounter in a first year college course. Emphasis will be placed on critical thinking, content reading, writing and intelligent discussion. Students will have the opportunity of take the AP(R) National Examination in Psychology given by the College Board in May, with the potential of earning college credit.

Semester 1 of 2 semester course

## **840B AP PSYCHOLOGY B**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective  
See 840A AP® Psychology A  
Semester 2 of 2 semester course

## **845 INTRO FNS: THE TRIBAL WORLD**



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This is a dual credit class affiliated with the First Nations Studies Program at UW-Green Bay and focuses on important themes of Ho-chunk history from the pre-contact period into the early 21st Century. In addition, all students enrolled in the course explore their personal ethnic heritage and examine how their lives intersect with our community's shared history. Students must be active readers who are willing to work on college-level skill development. Students may earn 3 college credits transferable within the UW system that satisfy a diversity course requirement. Fee for college credit will be approx. \$150.00.

## **850 INTRODUCTION TO SOCIOLOGY**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course focuses on the impact of society on human behavior. Students will learn how culture, institutions, and groups can influence individuals. Emphasis will be placed on the following topics: world cultures, socialization, effects of groups and group dynamics; the effect of class and education on people's lives; and issues with inequality based on class, gender, race, and ethnicity.

## **853 PHILOSOPHY**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

(Formerly Ethics) This course is designed to strengthen critical thinking skills by examining issues relating to the study of human choice and consequences. Some issues will include, but are not limited to questions of morality, character and truth; stem cell research, animal testing, cloning, behavioral genetics, and The Theatrical Virtues. Students will investigate their own morals, ethics, and decision making skills. Reading items will include, but are not limited to Socrates, Plato, Aquinas, St. Augustine, Erasmus, Freud and Jung. Assignments will encompass upper level thinking, questioning, close reading, writing and speaking skills. A student will need to be open minded to all sides of an issue and have a willingness to analyze their own belief systems as well as having respect for other student's opinions and beliefs.

## **I835 IS FALLS HISTORY PROJECT**

Grade Level: 12 Semester/ 0.500 credit(s) Elective

Participation in the Falls History Project is available to an advanced level senior who has successfully completed AP(R) History and who wishes to learn the skills of gathering oral history. The focus of the project varies from year to year, but centers on the exploration of local history. The interested student must be willing to learn the skills of interviewing and transcribing, along with conducting independent research. Instructor approval is required.

# TECHNOLOGY EDUCATION DEPARTMENT

## 901 STEM: ENGINEERING & WOODS



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Build an electric guitar! Students will learn Engineering & Woodworking through project based learning. Students will start by making a simple cutting board, students will then build on that skill as they design a cigar box electric guitar or a Bluetooth speaker in CAD (Computer Aided Design) and finally explore the Design Process through an invention unit. Students will also apply math skills, understand material science, and gain an awareness of career opportunities in various related industrial/technical areas.

## 902 STEM: POWER & METALS



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

This class is for students who want to explore STEM (Science, Technology, Engineering, & Math) in the Technology & Engineering Department. It gives the students a taste of two areas of Technology & Engineering Education: Power and Metals. In Power the students explore the engineering of engines by disassembling a small gasoline engine, build residential wiring circuits, and learn mapping skills. In Metals students will learn arc and gas welding, sheet metal fabrication and various cutting processes. Each student will take home a sheet metal project and some of their best welds. Upon completing this area, students will understand the basic science of metallurgy. Students will also gain an awareness of career opportunities in various related industrial/technical areas and apply math skills.

## 905A WOODS I A



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course is for the student that is interested in developing skills that will lead to employment and/or provide a lifelong interest in woodworking. Students will design a project of their choosing in a Computer Aided Drafting (CAD). After the project has been design and the cost calculated students will build their design. Common projects are end tables, coffee tables, TV stands, and jewelry boxes. Students will have the opportunity to earn transcribed credit through Western Technical College. An average project costs between \$60.00 to \$300.00.

Semester 1 of 2 semester course

## 905B WOODS I B



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 905A Woods IA To receive transcribed credit, this course must be taken the same school year as 905A Woods 1A.

Semester 2 of 2 semester course

## 912A CONSTRUCTION 1A



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This class is for students who have an interest in the construction field along with home maintenance and repair. Students will work both in the classroom and in the shop to build mock walls or small play houses learning Site surveying, foundation and concrete work, flooring, wall construction, drywall, plumbing, roofing, exterior work and interior finishing techniques.

Semester 1 of 2 semester course Prerequisite: 905 Woods I or 901 STEM: Engineering & Woods

## 912B CONSTRUCTION 1B



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective  
See 912A Construction IA  
Semester 2 of 2 semester course

## 917 MECHANICAL DESIGN I



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course is for anyone interested in using equipment in the Engineering lab or anyone who wishes to pursue a career related to the engineering field. This course gives you an introduction to Computer-Aided-Design (CAD) drafting techniques and applications. Areas of instruction will include orthographic projection, dimensioning, and sectioning as they relate to technical drawing/design. Students will use computer software, 3D printers, vinyl cutters, CNC router, and CNC mill to complete problem solving activities.

## 918 MECHANICAL DESIGN II



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

In this course students will be applying advanced CAD applications to design simple machines and complete problem solving activities. This course uses and builds on the skills learned in Mechanical Design I with a large focus on hands on prototype creation and problem solving. This course is designed for any individual that wish to pursue a degree in related to design or engineering.

Prerequisite: Mechanical Design I

## 925 ARCHITECTURAL DESIGN I AS



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Want to have some fun and learn at the same time? Architectural Design I is the place for you. Learn how to design and draw residential floor plans, exterior elevations and plan individual areas. Students will use both traditional and computer-aided design systems in their problem solving activities. A great class for those interested in home design, interior design, building construction, or persons who want to buy, own, or remodel a home someday. A class that attracts a lot of male and female students!

## 926 ARCHITECTURAL DESIGN II



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Are you serious about architectural design? This is the course for you, a relaxed, stress-free, and fun learning environment. Apply skills that you learned in Architectural Design I and also learn advanced computer aided design (CAD) applications and functions. Design activities will also include multiple level living units, alternative housing, energy efficient designs, plot planning, and commercial design.

Prerequisite: Architectural Design I

## 940A METALWORKING I A AS



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Through coursework and experimentation, students will learn about metal identification, SMAW(Stick), GMAW(MIG)welding, as well as Oxy-Acetylene and Plasma Cutting. Students will perform basic shop math and develop necessary machine shop skills while using the metal lathe, drill press, and grinders. Blueprint and weld symbol reading will be introduced. Career opportunities in the metals industry will also be explored through field trips to local manufacturing facilities. Students will be able to experience real world engineering by designing and fabricating a metals project using the learned equipment. Safety glasses and other protective equipment are required.

Semester 1 of 2 semester course

## 940B METALWORKING I B AS



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 940A Metalworking I A AS

Semester 2 of 2 semester course

## 941 METALWORKING II AS



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This course is designed to prepare students for entry level occupations or further training in the metals career field. Technical and blueprint reading, project design, and engineering, precise measurement and machining, oxy-acetylene and plasma cutting processes, along with advanced welding and fabrication techniques will be covered throughout the course. Cost for this course will depend on the size and scope of the developed projects. Safety glasses and other protective equipment are required. Students will have the opportunity to earn transcribed credit through Western Technical College.

Prerequisite: Metalworking I

## 950 TRANSPORTATION



Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

In this heavily lab-based class students will learn about the four basic modes of transportation: land, air, marine, and space. Students will gain an understanding of the issues associated with energy, efficiency, and sustainability in regards to transportation systems. Students will have the opportunity to use their problem solving skills on activities such as electric vehicle testing, car crash testing, map reading, bridge testing, and hovercraft testing.

## 960 AUTO MECHANICS I



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Students will learn about the fundamentals and operation of several of the major systems of a vehicle including the engine, computer, cooling, lubrication, charging, and starting systems. They will learn how to perform basic check and maintenance procedures on their own vehicles in the lab. They will also learn about automotive safety, tool usage, the vehicle purchasing process, and financing.

## 961 AUTO MECH II



Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

Students will learn tune up procedures, theory, and the repair of major systems including the computer diagnostic, brake, fuel, exhaust, emission control, and ignition systems. Students will work on their own vehicles as well as vehicles brought in by customers to master these skills. Students will also explore the numerous career opportunities available in the mechanical fields. This class is heavily lab based. Students will have the opportunity to earn ASE Student Certification in their area of strength as well as the opportunity to earn transcribed credit through Western Technical College. Prerequisite: Auto Mechanics I

## 965 ELECTRONICS & ROBOTICS



Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course will focus on the fundamentals of electricity, the instrumentation used to measure electricity, DC motors, robotics, soldering, and residential wiring. Reading schematics and building fundamental circuits will be emphasized through hands on lab work. You can expect to work with some solid state components, build a working DC motor, program a robot, and build residential wiring circuits. Students work with robots the majority of the second term.

Prerequisite: Algebra and Physical Science

## WORLD LANGUAGE DEPARTMENT

### **360A SPANISH I A**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Spanish I is an introduction to the Spanish language, the regions where it is spoken and their cultures. The emphasis is on effective and useful communication, both oral and written. Students develop proficiency in reading, writing, listening and speaking. The Spanish department recommends that all students take as many Spanish courses as possible. Students must pass the first semester of Spanish I (A) in order to continue the class the next semester (B). This is a course that any student considering attending a 4-year college should take. Most 4 year colleges require two years of world language study. Semester 1 of 2 semester course

### **360B SPANISH I B**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

See 360A Spanish IA

Semester 2 of 2 semester course

### **361A SPANISH II A**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

Spanish II will continue the study of language and culture found in Spanish I using more complex vocabulary and grammar. Spanish II students continue to develop proficiency in reading, writing, listening and speaking. The Spanish department recommends that all students take as many Spanish courses as possible. Students must pass the first semester of Spanish II (A) in order to continue the class the next semester (B). This is a course that any student considering attending a 4-year college should take. Most 4 year colleges require two years of world language study.

Prerequisite: Spanish I

Semester 1 of 2 semester course

### **361B SPANISH II B**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

See 361A Spanish IIA

Semester 2 of 2 semester course

### **362A SPANISH III A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

Spanish III will concentrate on refining and adding to the grammar, composition and conversation skills developed in levels I and II. The emphasis will be on creative communication. Students will further develop their language proficiency through conversation, composition and presentations. Students will be encouraged to reflect on their interpretations of class readings and presentations, discussing them in the target language. The Spanish department recommends that all students take as many Spanish courses as possible. Students must pass the first semester of Spanish III (A) in order to continue the class the next semester (B).

Semester 1 of 2 semester course

### **362B SPANISH III B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective  
See 361A Spanish IIIA  
Semester 2 of 2 semester course

### **363A SPANISH IV A**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective  
In Spanish IV, students will continue their study of language, striving for a higher degree of proficiency in all areas. The emphasis will be on creative communication. Students will reflect on various forms of written communication and class presentations, discussing their interpretations and applications of the material in the target language. The Spanish department recommends that all students take as many Spanish courses as possible. Students must pass the first semester of Spanish IV (A) in order to continue the class the next semester (B).  
Semester 1 of 2 semester course

### **363B SPANISH IV B**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective  
See 363A Spanish IV A  
Semester 2 of 2 semester course

### **364A AP SPANISH A**

Grade Level: 12 Semester/ 0.500 credit(s) Elective  
An AP(R) Spanish Language course is comparable to an advanced level college course. Emphasizing the use of Spanish for active communication, it encompasses aural/oral skills, reading comprehension, grammar and composition. In this course, special emphasis is placed on the use of authentic source materials and the integration of language skills. Therefore, students will receive extensive training in combining listening, reading and speaking (or listening, reading and writing) skills in order to demonstrate understanding of authentic Spanish language source materials. Our AP(R) course is also an introduction to the Hispanic literature course. It is based on a required reading list. The works on the list are of literary significance and represent various historical periods, literary movements, genres, geographic areas, and population groups within the Spanish-speaking world. The objective of the course is to help students interpret and analyze literature in Spanish. Upon completion of the course, students have the opportunity to take the AP(R) Spanish Language College Board exam in May, with the potential of earning college credits. Exam preparation is an integral part of the course.  
Semester 1 of 2 semester class  
Prerequisite: Spanish IV (with a grade of C or better)

### **364B AP SPANISH B**

Grade Level: 12 Semester/ 0.500 credit(s) Elective  
See 364A AP Spanish A  
Semester 2 of 2 semester course  
Prerequisite: Spanish IV (with a grade of C or better)

### **370A HO-CHUNK I A**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

The purpose of Ho-Chunk I is to develop everyday conversational skills. This course will apply the linguistic concepts phonology, morphology and syntax. Reading and writing will occur as a tool for learning.

Semester 1 of 2 semester course

### **370B HO-CHUNK I B**

Grade Level: 9-12 Semester/ 0.500 credit(s) Elective

See 370A Ho-Chunk I A

Semester 2 of 2 semester course

### **371A HO-CHUNK II A**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

This course is a continuation of Ho-Chunk I. Additional vocabulary will be presented. The language data will be expanded in order to reinforce Ho-Chunk verbal inflections. The overall purpose of the course is to improve conversational skill.

Prerequisite: successful completion of Ho-Chunk I or instructor approval.

Semester 1 of 2 semester course

### **371B HO-CHUNK II B**

Grade Level: 10-12 Semester/ 0.500 credit(s) Elective

See 371A Ho-Chunk II A

Semester 2 of 2 semester course

### **372A HO-CHUNK III A**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

This course is a continuation of Ho-Chunk II. Additional vocabulary will be presented. The language data will be expanded in order to reinforce Ho-Chunk verbal inflections. The overall purpose of the course is to improve conversational skill.

Prerequisite: successful completion of Ho-Chunk II or instructor approval.

Semester 1 of 2 semester course

### **372B HO-CHUNK III B**

Grade Level: 11-12 Semester/ 0.500 credit(s) Elective

See 372A Ho-Chunk III A

Semester 2 of 2 semester course

# WORK BASED LEARNING

## Work Based Learning

Work Based Learning courses are offered to enable students to gain hands-on experiences in the field of the course. This program offers placements with wide variety of community businesses and agencies. Students must receive approval from a teacher in the department and our Careers Coordinator to enroll in the course. Students must complete a specific number of hours a week as determined by their individual plan. Placements can be paid or unpaid. Students will also complete online modules to foster basic Employability Skills and further career exploration and help prepare them for a successful future in the work place. This course is available to all seniors who are currently on track for graduation. Students must have shown previous career interest in the placement area to apply for this program. Students must apply to enter the Work Based Learning Program by completing a Work Based Learning Application, which is available in the high school counseling office. Students will be contacted by a Career Coordinator if they are accepted into the Work Based Learning Program. At that point, the student will be able to register for a Work Based Learning Class.

### **C5100 WORK BASED LEARNING AG**



Grade Level: 12 Semester/ 0.500 credit(s) Elective

### **C5200 WORK BASED LEARNING BUSINESS**



Grade Level: 12 Semester/ 0.500 credit(s) Elective  
Prerequisite: Two Business Education courses and approval of instructor

### **C5500 WORK BASED LEARNING FACE**



Grade Level: 12 Semester/ 0.500 credit(s) Elective

### **C5700 WORK BASED LEARNING HEATH**



Grade Level: 12 Semester/ 0.500 credit(s) Elective

### **C5900 WORK BASED LEARNING TECH**



Grade Level: 12 Semester/ 0.500 credit(s) Elective  
Prerequisite: Two courses in a Technology Education area that are related to the student's chosen Work Based Learning experience area and the approval of the instructor.

## TEACHER ASSIST COURSES

### I097 TA - SM1

Grade Level: 12 Semester/ 0.250 credit(s) Elective

The teacher assistant will be an aide to the classroom teacher. He/She will report directly to the classroom and will take direction from the instructor. Duties may include working with small groups, helping with classroom preparation, or one-on-one instruction. Students must demonstrate excellent attendance, a positive attitude, and a good working knowledge of the subject matter. Note: All teacher assistants must get approval during pre-registration. Seniors may take a maximum of one TA per semester. **All teacher assistant courses will be graded as pass/fail courses. This does not factor into a student's GPA.** There is a maximum of one teacher assistant per class (except PE where two per class are allowed).

Prerequisite: Instructor Approval.

### I098 TA - SM2

Grade Level: 12 Semester/ 0.250 credit(s) Elective

The teacher assistant will be an aide to the classroom teacher. He/She will report directly to the classroom and will take direction from the instructor. Duties may include working with small groups, helping with classroom preparation, or one-on-one instruction. Students must demonstrate excellent attendance, a positive attitude, and a good working knowledge of the subject matter. Note: All teacher assistants must get approval during pre-registration. Seniors may take a maximum of one TA per semester. **All teacher assistant courses will be graded as pass/fail courses. This does not factor into a student's GPA.** There is a maximum of one teacher assistant per class (except PE where two per class are allowed).

Prerequisite: Instructor Approval.

\*\*\*\*\* End of report \*\*\*\*\*