2022-2023 Course Guide

Prairie du Chien High School

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Prairie du Chien, WI 53821

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TABLE OF CONTENTS

COURSE REGISTRATION PROCESS

This course guide is for students and parents/guardians. Each year students should seriously consider their educational and career goals and develop a program of study to work toward them. In planning for the school year, students and parents/guardians should consider:

- Do the courses meet graduation requirements?
- Do the courses meet the student's need for anticipated post high school educational needs or career choices?
- Do the courses match the student's ability and expand or develop their interests?

This course guide will help students and their parent's guardians plan a high school program based on these selected goals. Parents/guardians are requested to be actively involved with their children in selecting an appropriate program of courses for the coming year by:

- Reading and discussing this course guide with their child.
- Reviewing the progress reports and student report cards.
- Discussing appropriate course selection with the student's current teachers and ACP Coordinator or Principal.

After entering a course request, students will be called in to meet with an advisor in an individual conference to review credits, choices of subjects, and complete final schedule.

DROP/WITHDRAW GUIDELINES – PDC HIGH SCHOOL

Schedule changes for courses taken at Prairie du Chien High School should be done prior to the beginning of a semester in order to minimize disruption. Once the semester has started, students may request to drop/withdraw from a course through the administration only. Students may not drop a course if it results in less than a full load. Students may not drop a course after the second day of the beginning of class without an administrator/parent meeting. Students who drop a course(s) after the deadline may receive an F. Students may only drop a course for a course. Students who take a semester course may not drop at the end of term.

DROP/WITHDRAW GUIDELINES – MIGHTY RIVER VIRTUAL ACADEMY

Students taking a course(s) through Might River Virtual Academy may elect to drop/withdraw from that course if it is within two weeks from the course start date. If students drop/withdraw from a course(s) within the two week grace period, the course(s) will not show up on their official high school transcript and not be included in the cumulative GPA. Students may request to drop/withdraw from a course though the Mighty River administration only. Once the first two weeks are complete, the grade that the student earned in the course will appear on their official high school transcript and be included in the cumulative GPA.

CREDITS

Prairie du Chien High School measures school achievements by credit accumulated during the years in school. Listed below will be how credits are earned:

- 1.0 Credit — Semester Block Class — Meets 75 min 4X/week plus 42 min 1X/week for two terms
- 0.5 Credit — Semester Skinny — Meets 75 min 2X/week plus 42 min 1X/week for two terms
- 1.0 Credit — Year-long Skinny — Meets 75 min 2X/week plus 42 min 1X/233k for four terms

CLASS RANKING

Prairie du Chien High School will figure class rank solely on GPA with AP Enhancer for each term accumulated until a student's last term grade of their senior year. All courses taught at Prairie du Chien High School and Mighty River Virtual Academy will count toward the GPA with AP Enhancer. SENIORS ONLY: For scholarships, Valedictorian, and Salutatorian purposes, the ranking will be calculated after the 7th semester.

GPA AP Enhancer

AP Test Score of 2; Class GPA x 1.2
AP Test Score of 3; Class GPA x 1.3
AP Test Score of 4; Class GPA x 1.4
AP Test Score of 5; Class GPA x 1.5

GPA Enhancer based on 0.5 credit/semester	Grade of A		Grade of B		Grade of C	
	sem 1	sem 2	sem 1	sem 2	sem 1	sem 2
AP Test Score of 2	2.4	2.4	1.8	1.8	1.2	1.2
AP Test Score of 3	2.6	2.6	1.95	1.95	1.3	1.3
AP Test Score of 4	2.8	2.8	2.1	2.1	1.4	1.4
AP Test Score of 5	3.0	3.0	2.25	2.25	1.5	1.5

For example: Student scores a 3 on an AP exam with a semester 1 grade of an A (2.6 points) and a semester 2 grade of a B (1.95 points). The total GPA Enhancer points added will equal 4.55 (2.6 + 1.95 = 4.55).

GRADING SCALE

Letter Grade	Range	
	High	Low
A+	100.00	96.50
A	96.49	94.50
A-	94.49	92.50
B+	92.49	89.50
B	89.49	85.50
B-	85.49	84.50
C+	84.49	79.50
C	79.49	74.50
C-	74.49	69.50
D+	69.49	66.50
D	66.49	63.50
D-	63.49	59.50
F	59.49	0.00

HONOR ROLL

High Honors will consist of students who earn a 3.5 GPA or higher for the term. Honors will consist of students who earn a 3.0 to 3.499 GPA. Students must carry a minimum of 7 courses. All credited courses taken at Prairie du Chien High School and Mighty River Virtual Academy will count toward the semester GPA.

ACADEMIC LETTERS

The Student Council recognizes academic success by awarding letters and pins. Ten (10) points are awarded to students earning High Honor Roll status. Five (5) points are awarded to students earning Honor Roll status. The points will be recorded on a nine week basis and totaled at that time. The academic letter will then be awarded after 90 points are accumulated and an academic pin will be awarded at 120 points.

COURSE DEFINITIONS

ADVANCED PLACEMENT COURSE

The Advanced Placement Program (AP) is a cooperative educational endeavor between high schools, colleges, and universities. It allows students to enroll in college-level courses while in high school, and gives them the opportunity to show mastery by taking an AP exam.

AP exams are given during the month of May. According to board policy, students enrolled in an AP course will participate in the end of course AP exam. The district will pay the cost of the AP exam. Each exam consists of two sections. The first section is made up of multiple choice questions. The other section consists of free-response essay questions in various forms: essays, audio taped responses, analysis of historical documents, extended problem solving, etc. Students will receive their grade report in July.

The AP grading scale is as follows:

5	Extremely well qualified
4	Well qualified
3	Qualified
2	Possibly Qualified
1	No recommendation

Most colleges and universities accept AP scores or 3 or above. Students will receive credit, advanced placement or both at most colleges and universities. The amount of credit received varies on the college, the AP score, and the subject. Students are also able to move into a higher level class at college as a freshman. This not only translates into time saved, but also financial savings for each credit earned while in high school.

AP courses offered at Prairie du Chien High School

- AP Art History
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP English Language
- AP English Literature
- AP Environmental Science
- AP Human Geography
- AP Macroeconomics
- AP Music Theory
- AP Psychology
- AP Spanish Language and Culture
- AP Statistics
- AP Studio Art
- AP US Government & Politics
- AP US History
- AP World History

ELECTIVE COURSE

An elective course is a course which a student may choose to take to earn toward the diploma.

General Elective

A general elective course is any course which does not fall into the total of a required graduation requirement

Math Electives

- Accounting I
- ACT Prep Math
- Advanced Accounting
- Applied Math
- Building Trades
- Construction Technology
- Personal Finance I
- Personal Finance II
- Prairie Woods Production
- Woods I
- Woods II

Science Electives

- Anatomy & Physiology
- Animal Science – Small
- Animal Science – Large
- Food Science
- Forestry, Wild & Cons Mngt
- Natural Resources
- Physics
- Plant Science
- (PLTW) Biomedical Innovations
- (PLTW) Human Body Systems
- (PLTW) Medical Interventions
- (PLTW) Principles of Biomedical Sciences
- Renewable Energy

PREQUISITE COURSE

A prerequisite is a course condition in which a student must complete or meet before the course may be taken.

REQUIRED COURSE

A required course is a course which a student must successfully complete in order to earn a Prairie du Chien High School diploma.

SOUTHWEST RURAL TELECOMMUNICATIONS NETWORK CONSORTIUM (SRTNC) COURSE

SRTNC (pronounced certain-see) is a 25-member distance learning network that utilizes the latest in fiber optic technology to provide an educational tool for students and community members of Southwest Wisconsin. Its goal is to expand and enhance educational opportunities for all students and citizens with the member school districts.

TRANSCRIPTED CREDIT

Transcripted credit courses have an agreement between Prairie du Chien High School and area colleges that if a student successfully passes a specific course, they will receive college credits for the specific course at the issuing institution. The credit may be transferred to another post-secondary institution.

AGRICULTURE			
High School Course	**Southwest Tech Course**	**Credits**	**PdC Staff**
Plant Science	Plant Science 10-006-160	3	TBD
Animal Science - Large NEW in 21-22	Animal Science 10-006-180	3	TBD
BUSINESS EDUCATION			
High School Course	**Southwest Tech Course**	**Credits**	**PdC Staff**
Accounting	Accounting I 10-101-111	4	Bollum
Computer Applications	Computer Applications 10-105-110	1	Koenig
MS Excel MOS	Beginning Microsoft Excel 10-103-106	1	Koenig
MS Access MOS	Beginning Microsoft Access 10-103-111	1	Koenig
Marketing Principles	Marketing Principles 10-104-130	3	Koenig
Personal Finance I	Personal Finance 10-102-151	1	Koenig/Bollum
Intro to Business	Introduction to Business 10-102-105	3	Bollum
ENGLISH			
High School Course	**Southwest Tech Course**	**Credits**	**PdC Staff**
AP English Language & Composition	Written Communication 10-801-195	3	Johnson
Oral/Interpersonal Communication	Oral/Interpersonal Communication 10-801-196	3	Johnson
Speech	Speech 10-801-198	3	Johnson
Written Communication	Written Communication 10-801-195	3	Johnson
MATH			
High School Course	**Southwest Tech Course**	**Credits**	**PdC Staff**
Algebra II*	College Technical Math 1A 10-804-113	3	Luster
Pre-calculus	College Technical Math 1B 10-804-114	2	Luster
Applied Mathematics	Applied Mathematics 31-804-305	2	Luster
AP Statistics	Introductory Statistics 10-804-189	3	Luster
College Mathematics NEW in 21-22	College Mathematics 10-804-107	3	Luster
Math w/Business Applications NEW 21-22	Math w/Business Applications 10-804-123	3	Luster
SCIENCE			
High School Course	**Southwest Tech Course**	**Credits**	**PdC Staff**
Physics	General Physics 1 10-806-154	4	Timmerman
SOCIAL SCIENCE			
High School Course	**Southwest Tech Course**	**Credits**	**PdC Staff**
Human Psychology	Introduction to Psychology 10-809-198	3	Grinde
AP Psychology	Introduction to Psychology 10-809-198	3	Grinde
Sociology	Intro to Sociology 10-809-196	3	Huffman
US Government	Introduction to American Govt. 10-809-122	3	Stout
HEALTH (GENERAL) ELECTIVES			
Culture of Healthcare NEW in 21-22	Culture of Healthcare 10-501-104	2	Burns
Pharmacology for Allied Health NEW 21-22	Pharmacology for Allied Health 10-501-308	2	Burns
Medical Terminology NEW in 21-22	Medical Terminology 10-501-101	3	Burns

* Only Algebra II classes taught by Mrs. Luster
29 classes available to students

Business Academy
A Partnership between Southwest Tech and Prairie du Chien School District

Supply Chain Assistant				
Course Name	Course Number	Course Type	Credits	Approximate Cost Savings to Students*
Beginning Microsoft Excel	10-103-106	Transcripted Credit	1	$153.73
Written Communication	10-801-195	Transcripted Credit	3	$452.19
Introductory Statistics	10-804-189	Transcripted Credit	3	$452.19
Math with Business Applications	10-804-123	Transcripted Credit	3	$452.19
Total Credits towards Supply Chain Assistant Technical Diploma			10	$1,510.30 total cost savings
Remaining Credits after High School			22	

Supply Chain Management				
Course Name	Course Number	Course Type	Credits	Approximate Cost Savings to Students*
Beginning Microsoft Excel	10-103-106	Transcripted Credit	1	$153.73
Written Communication	10-801-195	Transcripted Credit	3	$452.19
Introductory Statistics	10-804-189	Transcripted Credit	3	$452.19
Math with Business Applications	10-804-123	Transcripted Credit	3	$452.19
Accounting I	10-101-111	Transcripted Credit	2^	$610.92
Oral/Interpersonal Communication	10-801-196	Transcripted Credit	3	$452.19
Management Principles	10-102-130	38.14	3	$452.19
Total Credits towards Supply Chain Management Associate Degree			18	$3,025.60 total cost savings
Remaining Credits after High School			43	

^4-credit Accounting I substituted for 2-credit Accounting I – Part 1

Leadership Development				
Course Name	Course Number	Course Type	Credits	Approximate Cost Savings to Students*
Beginning Microsoft Excel	10-103-106	Transcripted Credit	1	$153.73
Written Communication	10-801-195	Transcripted Credit	3	$452.19
Introduction to Business	10-102-105	Transcripted Credit	3	$452.19
Math with Business Applications	10-804-123	Transcripted Credit	3	$452.19
Oral/Interpersonal Communication	10-801-196	Transcripted Credit	3	$452.19
Management Principles	10-102-130	38.14	3	$452.19

Total Credits towards Leadership Development Associate Degree	16	$2,414.68 total cost savings
Remaining Credits after High School	44	

Business Management				
Course Name	Course Number	Course Type	Credits	Approximate Cost Savings to Students*
Beginning Microsoft Word	10-103-105	Transcripted Credit	1	$153.73
Beginning Microsoft Excel	10-103-106	Transcripted Credit	1	$153.73
Written Communication	10-801-195	Transcripted Credit	3	$452.19
Introduction to Business	10-102-105	Transcripted Credit	3	$452.19
Accounting I	10-101-111	Transcripted Credit	4	$610.92
Marketing Principles	10-104-130	Transcripted Credit	3	$452.19
Personal Finance	10-102-151	Transcripted Credit	1	$153.73
Math with Business Applications	10-804-123	Transcripted Credit	3	$452.19
Speech	10-801-198	Transcripted Credit	3	$452.19
Intro to Psychology	10-801-198	Transcripted Credit	3	$452.19
Management Principles	10-102-130	38.14	3	$452.19
Total Credits towards Business Management Associate Degree			28	$4,237.44 total cost savings
Remaining Credits after High School			32	

Tax Preparer Assistant				
Course Name	Course Number	Course Type	Credits	Approximate Cost Savings to Students*
Beginning Microsoft Word	10-103-105	Transcripted Credit	1	$153.71
Beginning Microsoft Excel	10-103-106	Transcripted Credit	1	$153.73
Oral/Interpersonal Communication	10-801-196	Transcripted Credit	3	$452.19
Accounting I	10-101-111	Transcripted Credit	4	$610.92
Taxes 1	10-101-117	38.14	3	$458.19
Total Credits towards Tax Preparer Assistant Certificate			12	$1,828.76 total cost savings
Certificate Completed! Remaining Credits:			0	

Accounting				
Course Name	Course Number	Course Type	Credits	Approximate Cost Savings to Students*
Beginning Microsoft Word	10-103-105	Transcripted Credit	1	$153.73
Beginning Microsoft Excel	10-103-106	Transcripted Credit	1	$153.73
Oral/Interpersonal Communication	10-801-196	Transcripted Credit	3	$452.19
Accounting I	10-101-111	Transcripted Credit	4	$610.92
Written Communication	10-801-195	Transcripted Credit	3	$452.19
Taxes 1	10-101-117	38.14	3	$458.19
Math with Business Applications	10-804-123	Transcripted Credit	3	$452.19
Total Credits towards Accounting Assistant Technical Diploma or Accounting Associate Degree			18	$2,733.14 total cost savings
Remaining Credits after High School for Accounting Assistant Technical Diploma			16	

Remaining Credits after High School for Accounting Associate Degree	48	

*Based on 2020-2021 tuition and fee costs.

Criminal Justice Academy
A Partnership between Southwest Tech and Prairie du Chien School District

Junior or Senior Year				
Course Name	Course Number	Course Type	Credits	Semester
Intro to Criminal Justice Studies	10-504-101	38.14 Contract	3	Fall
Oral/Interpersonal Communication	10-801-196	Transcripted Credit	3	Fall or Spring
Community Policing in a Diverse Society	10-504-154	38.14 Contract	3	Spring
Intro to Psychology	10-809-198	Transcripted Credit	3	Fall or Spring
Written Communication	10-801-195	Transcripted Credit	3	Fall or Spring
Total Credits towards Criminal Justice Law Enforcement or Criminal Justice Studies Program			15	

If the above are taken in Junior Year, students may continue in Senior Year through CollEDGE Up				
Course Name	Course Number	Course Type	Credits	Semester
Emergency Medical Technician 1	10-531-105	CollEDGE Up	3	Fall
Emergency Medical Technician 2	10-531-106	CollEDGE Up	3	Fall
Emergency Telecommunicator	10-504-134	CollEDGE Up	2	Fall
Firefighting Principles	10-503-100	CollEDGE Up	3	Spring
Hazmat Awareness & Ops	10-503-101	CollEDGE Up	2	Spring
Total Credits towards Criminal Justice Studies Program			13	

If students complete both years, they will have earned 28 of 67 credits in the Criminal Justice Studies program.

ALTERNATIVE EDUCATION

GENERAL EDUCATION DIPLOMA OPTION #2 (GEDO2)

The GEDO #2 Program allows the Prairie du Chien School District to use the GED test to measure proficiency in place of high school credit for students enrolled in an alternative education program. Students who pass the GED test and complete the other requirements for graduation are entitled to the traditional high school diploma.

- Students must be at least 17 years of age
- Students must be at least one year behind their 9th grade class in credits earned
- Students should be able to demonstrate the ability to read at or above the 9th grade level
- A formal meeting with school personnel will be helpful prior to the student entering the program

Please refer to the Wisconsin Department of Instruction FAQ here, or contact Mike Liddell at (608) 326-3843.

START COLLEGE NOW (formerly YOUTH OPTIONS)

The Start College Now program will allow high school students the opportunity to take college courses at Wisconsin Technical Colleges. The process is very similar to Youth Options.

For further information regarding the Start College Now program, please contact the Guidance Office.

EARLY COLLEGE CREDIT PROGRAM (formerly YOUTH OPTIONS)

The Early College Credit Program allows Wisconsin public and private high school student to take one or more courses at University of Wisconsin System universities for high school and/or college credit.

For further information regarding the Early College Credit Program, please contact the Guidance Office.

YOUTH APPRENTICESHIP

The Youth Apprenticeship program is a one/two year program beginning in the 11th or 12th grade, offering students guided learning through work experience within an industry. The student will acquire the skills necessary for the jobs of tomorrow and a linkage between secondary and post-secondary education. The apprentices will attend regular classes in their high school, in addition to career-related classes through SWTC. Students need a minimum of 900 worksite hours for completion of the two year program or 450 for the one year program. These hours may be obtained during the summer along with during the school year. If students work only during the school year, they will need to work an average of 10 hours/week during their junior year and 15 hours/week during their senior year. These hours may or may not be during the school day; therefore, by working during the summer the student is able to participate in school related activities.

For further information regarding the Youth Apprenticeship Program, please contact the Guidance Office.

SPECIAL EDUCATION SERVICES

The Prairie du Chien School District receives referrals on all students with suspected impairments or disabilities from all persons who have a reasonable cause to believe that such a need or condition exists. Prior to making a referral, the person who submits a referral must inform the parents/guardians of the intent to make the referral. The referral must be in writing and can be obtained from the Child Study Department. It must include the reason for the referral, the documentation informing the parents/guardians, and measurable pre-referral interventions that were attempted in the general education environment to meet a student's needs.

When a student is suspected of being a student with a disability (CWD), the Special Education designee shall appoint an evaluation IEP Team and consent for evaluation will be acquired before assessment begins.

GRADUATION REQUIREMENTS

All students graduating from Prairie du Chien High School must complete the requirements listed under their class planning guide section. In addition to the course requirements below, all students are required to successfully complete the ACT test. Students not completing the requirements of the school board will not be able to be involved in the graduation ceremonies.

EARLY GRADUATION

Any student who wishes to apply for early graduation must complete the following steps:

- Pass all courses taken during their senior year.
- Show proof of being enrolled in a post-secondary school or provide proof of employment.
- Letter from the parents/guardians stating that the student has permission for early graduation.
- Apply in writing to the Guidance Office on or before October 31st.
- Have 90% attendance for their senior year.

Coursework Area	
Required Courses	**Credits**
ENGLISH	4
MATHEMATICS	5
SCIENCE	5
SOCIAL STUDIES	3
PHYSICAL EDUCATION	2
HEALTH	0.5
GENERAL ELECTIVES	8.5
TOTAL	**28**

*WI Civics Exam is required for graduation

CO-CURRICULAR ACTIVITIES

Co-curricular activities are an important part of the school day. They serve to provide an opportunity to break from the daily academic routine. Some activities are an expansion of classes with new concepts and areas being explored, while others are designed to expand an interest or hobby. At Prairie du Chien High School, student participation in co-curricular activities is encouraged to the development of the "total student."

Prairie du Chien Co-Curricular Activities

Archery
Baseball*
B/G Basketball*
Book Club
Cheerleading
Concert Choir
B/G Cross Country*
Dance Team - Hawkettes
Fall Musical
FBLA
FFA
Football*
Forensics
GSA (Gay Straight Alliance)
B/G Golf*
Gymnastics*
HOSA
Ink Squad
InterAct Club - Sponsered by Rotary
International Club
Jazz Band
Key Club
Mock Trial
National Honor Society
PALS
PdC String Ensemble
Pep Band
Political Science Club
Psychology Club
Rosholt Leadership Camp
SkillsUSA
B/G Soccer*
Softball*
Sources of Strength
Spring Play
Student Council
Summer Marching Band
B/G Track and Field*
Trap Shooting Club
Vocal Jazz
Volleyball*
Wrestling
Thespian Honor Society

PLANNING GUIDES

As you prepare to register for courses, now would be an excellent time to review past and future goals. How do classes you have taken or will take next year "fit" your career plans? What courses do I need to get into a University/College, Technical/Vocational? What are my interest and abilities? What classes are required to graduate from high school and am I on track? What if I don't know what I would like to do in the future?

***It's a good idea to get more than the minimum college-prep credits because some UW System schools have additional college prep requirements. For example, UW-Madison requires two years of high school courses in a single foreign language. View specific preparatory requirements using the dropdown menu HERE.**

UW System Planning Guide	
Subject	Each UW System campus has their unique admission guidelines. Click HERE for more information.
English	4 credits
Math	3 credits
Natural Science	3 credits
Social Science/History	3 credits
Electives	An additional 4 credits may be chosen from English, mathematics, natural science, social science/history, foreign language, fine arts, computer science, and other academic areas. (Two years of a single foreign language are required for admission to UW-Madison, and are encouraged at other UW System campuses.) Some UW System campuses may also accept technical and career courses for a portion of these 4 elective credits.
Total Credits	17 credits

FRESHMAN PLANNING GUIDE

CLASS OF 2025

Coursework Area	
Required Courses	**Credits**
ENGLISH	4
English 9	1
English 10	1
English 11 or AP English Language	1
English 12 or AP English Literature, Written Communication, Speech, or Oral/Interpersonal Communication	1
MATHEMATICS	5
Algebra I	1
Geometry	1
Algebra II	1
Math Electives	2
SCIENCE	5
Biology	1
Chemistry	1
Science Electives	3
SOCIAL STUDIES	3
World History or AP Human Geography	1
US Government or AP US Government	1
US History or AP US History	1
WI Civics Exam*	
PHYSICAL EDUCATION	2
HEALTH	0.5
GENERAL ELECTIVES	8.5
TOTAL	**28**

*WI Civics Exam is required for graduation

Grade 9	
English 9	
Algebra I	
Biology I	
AP Human Geography	World History
Physical Education	
Electives	
The ACT Aspire test is required for all freshmen.	
Grade 10	
English 10	
Geometry	
Chemistry I	
AP US Government	US Government
WI Civics Exam	
Physical Education	
Health	
Electives	
The ACT Aspire test is required for all sophomores, and the PSAT is optional.	
Grade 11	
AP English Language	English 11
Algebra II	Pre-Calculus
Math Elective(s)	
AP Environmental Science or Science Elective(s)	
AP US History	US History
Physical Education	
Electives	
The ACT is required for all juniors, and the PSAT is optional.	
Grade 12	
AP English Literature or English 12 or Speech or Written Communication or Oral/Interpersonal Communication for a total of 1 credit AP Calculus, AP Statistics, or Math Elective(s)	
AP Env Science or Science Elective(s)	
AP Psychology or AP World History Elective(s)	
Physical Education	
General Electives	

SOPHOMORE PLANNING GUIDE

CLASS OF 2024

Coursework Area	
Required Courses	**Credits**
ENGLISH	4
English 9	1
English 10	1
English 11 or AP English Language	1
English 12 or AP English Literature, Written Communication, Speech, or Oral/Interpersonal Communication	1
MATHEMATICS	5
Algebra I	1
Geometry	1
Algebra II	1
Math Electives	2
SCIENCE	5
Biology	1
Chemistry	1
Science Electives	3
SOCIAL STUDIES	3
World History or AP Human Geography	1
US Government or AP US Government	1
US History or AP US History	1
WI Civics Exam*	
PHYSICAL EDUCATION	2
HEALTH	0.5
GENERAL ELECTIVES	8.5
TOTAL	**28**

*WI Civics Exam is required for graduation

Grade 9	
English 9	
Algebra I	
Biology I	
AP Human Geography	World History
Physical Education	
Electives	
The ACT Aspire test is required for all freshmen.	
Grade 10	
English 10	
Geometry	
Chemistry I	
AP US Government	US Government
WI Civics Exam	
Physical Education	
Health	
Electives	
The ACT Aspire test is required for all sophomores, and the PSAT is optional.	
Grade 11	
AP English Language	English 11
Algebra II	Pre-Calculus
Math Elective(s)	
AP Environmental Science or Science Elective(s)	
AP US History	US History
Physical Education	
Electives	
The ACT is required for all juniors, and the PSAT is optional.	
Grade 12	
AP English Literature or English 12 or Speech or Written Communication or Oral/Interpersonal Communication for a total of 1 credit AP Calculus, AP Statistics, or Math Elective(s)	
AP Environmental Science or Science Elective(s)	
AP Psychology or AP World History Elective(s)	
Physical Education	
General Electives	

JUNIOR PLANNING GUIDE

CLASS OF 2023

Coursework Area	
Required Courses	**Credits**
ENGLISH	4
English 9	1
English 10	1
English 11 or AP English Language	1
English 12, AP English Literature, Written Communication, Speech, or Oral/Interpersonal Communication	1
MATHEMATICS	5
Algebra I	1
Geometry	1
Algebra II	1
Math Electives	2
SCIENCE	5
Biology	1
Chemistry	1
Science Electives	3
SOCIAL STUDIES	3
World History or AP Human Geography	1
US Government or AP US Government	1
US History or AP US History	1
WI Civics Exam*	
PHYSICAL EDUCATION	2
HEALTH	0.5
GENERAL ELECTIVES	8.5
TOTAL	**28**

*WI Civics Exam is required for graduation

Grade 9	
English 9	
Algebra I	
Geometry	
Biology I	
AP Human Geography	World History
Physical Education	
Electives	
The ACT Aspire test is required for all freshmen.	
Grade 10	
English 10	
Algebra II	
Pre-Calculus	
Chemistry I	
AP US Government	US Government
WI Civics Exam	
Physical Education	
Health	
Electives	
The ACT Aspire test is required for all sophomores, and the PSAT is optional.	
Grade 11	
AP English Language	English 11
Calculus	Pre-Calculus
Statistics	Calculus
AP Env Science or Science Elective(s)	
AP US History	US History
Physical Education	
Electives	
The ACT is required for all juniors, and the PSAT is optional.	
Grade 12	
AP English Literature or English 12 or Speech or Written Communication or Oral/Interpersonal Communication for a total of 1 credit	
AP Calculus, AP Statistics, or Math Elective(s)	
AP Environmental Science or Science Elective(s)	
AP Psychology or AP World History Elective(s)	
Physical Education	
General Electives	

SENIOR PLANNING GUIDE

CLASS OF 2022

Coursework Area	
Required Courses	**Credits**
ENGLISH	4
English 9	1
English 10	1
English 11 or AP English Language	1
English 12, AP English Literature, Written Communication, Speech, or Oral/Interpersonal Communication	1
MATHEMATICS	5
Algebra I	1
Geometry	1
Algebra II	1
Math Electives	2
SCIENCE	5
Biology	1
Chemistry	1
Science Electives	3
SOCIAL STUDIES	3
World History or AP Human Geography	1
US Government or AP US Government	1
US History or AP US History	1
WI Civics Exam*	
PHYSICAL EDUCATION	2
HEALTH	0.5
GENERAL ELECTIVES	8.5
TOTAL	**28**

*WI Civics Exam is required for graduation

Grade 9	
English 9	
Algebra I	
Geometry	
Biology I	
AP Human Geography	
Physical Education	
Electives	
The ACT Aspire test is required for all freshmen.	
Grade 10	
English 10	
Algebra II	
Pre-Calculus	
Chemistry I	
AP US Government	US Government
WI Civics Exam	
Physical Education	
Health	
Electives	
The ACT Aspire test is required for all sophomores, and the PSAT is optional.	
Grade 11	
AP English Language	English 11
Calculus	Pre-Calculus
Statistics	Calculus
AP Env Science or Science Elective(s)	
AP US History	US History
Physical Education	
Electives	
The ACT IS required for all juniors, and the PSAT is optional.	
Grade 12	
AP English Literature or English 12 or Speech or Written Communication or Oral/Interpersonal Communication for a total of 1 credit	
AP Calculus, AP Statistics, or Math Elective(s)	
AP Environmental Science or Science Elective(s)	
AP Psychology or AP World History Elective(s)	
Physical Education	
General Electives	

CAREER CLUSTERS

A career cluster is a group of careers that share common features. If you like one job in a cluster, you will probably find other jobs in that cluster that you will like as well. In total, there are 16 Career Clusters in the National Career Clusters Framework, representing more than 79 Career Pathways to help students navigate their way to greater success in college and the workplace. Career Clusters help students discover their interests and their passions, and empower them to choose the educational pathway that can lead to success in high school, in college and their careers.

Agriculture, Food & Natural Resources - *The production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.*

- Agribusiness Systems
- Animal Systems
- Environmental Service Systems
- Food Products & Processing Systems
- Natural Resources Systems
- Plant Systems
- Power, Structural & Technical Systems

Architecture & Construction Architecture & Construction - *Careers in designing, planning, managing, building and maintaining the built environment.*

- Construction
- Design/Pre-Construction
- Maintenance/Operations

Arts, A/V Technology & Communications - *Designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services.*

- A/V Technology & Film
- Journalism & Broadcasting
- Performing Arts
- Printing Technology
- Telecommunications
- Visual Arts

Business Management & Administration - *Business Management and Administration careers encompass planning, productive business operations. Business Management and Administration career opportunities are available in every sector of the economy.*

- Administrative Support
- Business Information Management
- Operations Management
- Human Resources Management
- General Management

Education & Training - *Planning, managing and providing education and training services, and related learning support services.*

- Administration & Administrative Support
- Professional Support Services
- Teaching/Training

Finance - *Planning, services for financial and investment planning, banking, insurance, and business financial management.*

- Accounting
- Banking Services
- Business Finance
- Insurance
- Securities & Investments

Government & Public Administration - *Executing governmental functions to include Governance; National Security; Foreign Service; Planning; Revenue and Taxation; Regulation; and Management and Administration at the local, state, and federal levels.*

- Foreign Service
- Governance
- National Security
- Planning
- Public Management & Administration
- Regulation
- Revenue & Taxation

Health Sciences - *Planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.*

- Biotechnology Research & Development
- Diagnostic Services
- Health Informatics
- Support Services
- Therapeutic Services

Hospitality & Tourism - *Hospitality & Tourism encompasses the management, marketing and operations of restaurants and other foodservices, lodging, attractions, recreation events and travel related services.*

- Lodging
- Recreation, Amusements & Attractions
- Restaurants & Food/Beverage Services
- Travel & Tourism

Human Services - *Preparing individuals for employment in career pathways that relate to families and human needs.*

- Consumer Services
- Counseling & Mental Health Services
- Early Childhood Development & Services
- Family & Community Services
- Personal Care Services

Information Technology - *Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.*

- Information Support & Services
- Network Systems
- Programming & Software Development
- Web & Digital Communications

Law, Public Safety, Corrections & Security - *Planning, managing, and providing legal, public safety, protective services and homeland security, including professional and technical support services.*

- Correction Services
- Emergency & Fire Management Services
- Law Enforcement Services
- Legal Services
- Security & Protective Services

Manufacturing - *Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.*

- Health, Safety & Environmental Assurance
- Logistics & Inventory Control
- Maintenance, Installation & Repair
- Manufacturing Production Process Dev.
- Production
- Quality Assurance

Marketing - *Planning, managing, and performing marketing activities to reach organizational objectives.*

- Marketing Communications
- Marketing Management
- Marketing Research
- Merchandising
- Professional Sales

Science, Technology, Engineering & Mathematics - *Planning, managing, and providing scientific research and professional and technical services (e.g., physical science, social science, engineering) including laboratory and testing services, and research and development services.*

- Engineering & Technology
- Science & Mathematics

Transportation, Distribution & Logistics - *Planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional and technical support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.*

- Facility & Mobile Equipment Maintenance
- Health, Safety & Environmental Management
- Transportation Operations
- Transportation Systems/Infrastructure Planning, Management & Regulation
- Sales & Service
- Logistics Planning & Management Services
- Warehousing & Distribution Center Operations

COURSE CATALOG

AGRICULTURE

Animal Science – Large (5555ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Science Elective or General Elective
Transcripted credit issued from Southwest Technical College
This course will focus on the industry responsible for the efficient production of livestock animals (beef and dairy cattle, sheep, goats, swine, poultry and horses) Animal anatomy, conformation, selection, evaluation, systems, nutrition, feeds and feeding, basic husbandry, and product evaluation will be covered.

Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with raising livestock and to meet the requirements of a complete agricultural education program.

Animal Science – Small (5553ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Science Elective or General Elective
Open to all students wishing to develop knowledge in handling small companion animals. This course involves learning animal anatomy, feeding and nutrition, reproduction, health, selection and behavior of small animals. Species covered include: dogs, cats, rabbits, gerbils, hamsters, guinea pigs, birds, and other creatures that are considered "pets." Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with caring for small animals and to meet the requirements of a complete agricultural education program.

Forestry, Wildlife & Conservation Management (5552sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): Natural Resources
Fulfills Grad Requirement: Science Elective or General Elective
Students will apply knowledge of biology and natural resources to problem solve ethical questions of management. Conservation practices in the forests, soils, wildlife, and fisheries are all important, as is the economic sustainability of our state. We will utilize current topics that are posing challenges to our local community and state to research and promote answers and actions. Further, we will explore the concept of Nature Deficit Disorder and what is means to be a steward of the land. Learning activities include reading, completing multiple projects, in-class discussions, in-class activities, and presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with forestry, wildlife, soils and land stewardship, and to meet the requirements of a complete agricultural education program.

Greenhouse Production Management I (5573sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): Plant Science
Fulfills Grad Requirement: General Elective
Greenhouse Production Management is a course exposing students to greenhouse crop production, floral design and plant care and management. This course will offer an in depth study of plant crops, the floral industry, hydroponic crops, and greenhouse maintenance and management. Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with managing a greenhouse and to meet the requirements of a complete agricultural education program.

Greenhouse Production Management II (5574ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Plant Science and Greenhouse Production Management I
Fulfills Grad Requirement: General Elective
Greenhouse Management is an advanced course exposing students to greenhouse crop production. It is designed to allow students to put the knowledge and skills of managing the greenhouse crops from start to finish into practice. The business and marketing aspects of greenhouse management will be included, as well as managing production calendars, coordinating with others, loss control, inventory records and ordering supplies, managing multiple harvests, sales, and culminating in a successful spring sale event.

Supervised Agricultural Experience (SAE) and the student organization FFA are part of this course. Students will be expected to meet requirements in each of these areas to experience a complete agricultural education.

Landscaping (5580ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Plant Science
Fulfills Grad Requirement: General Elective
Students will learn care of plants designed for growing in the landscape. This course will teach students the necessary skills and knowledge to better be able to meet requirements for positions in and related to nursery operations and give practical knowledge for home landscape planning, installation and maintenance. Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with landscaping and to meet the requirements of a complete agricultural education program.

Mechanics (5570ss) *N/A in 2020-2021*

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Transcripted credit issued from Southwest Technical College
This class is open to a class load of 10 students, giving priority to seniors, then juniors. Mechanics deals with tool identification and care, safety, small engines, internal combustion engines, diesel power, hydraulics, electronics and basic problem solving strategies dealing with those things mechanical in nature. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion. Students will utilize Briggs and Stratton small engines to gain certification. Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with mechanics and to meet the requirements of a complete agricultural education

Natural Resources (5575ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Science Elective or General Elective
Natural Resources is an introductory course for students interested in studying soils, land use, water quality of the river and streams, and learning about the area plant and wildlife. Careers in natural resources as well as learning about the application of scientific principles in managing natural resources will be emphasized. Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with natural resources and to meet the requirements of a complete agricultural education program.

Plant Science (5560ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: Science Elective or General Elective

Prerequisite(s): Biology

Transcripted credit issued from Southwest Technical College

Open to students who have completed biology, this course will make use of the greenhouse and cover such areas as plant growth, research of plants, weed and plant identification, soil types, and plant yields. Lab projects and experiments will give students hands-on approach to plant care and management from a production standpoint. Hydroponics will also be covered. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion. Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with plant science and to meet the requirements of a complete agricultural education program.

ART

AP Art History (5282ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Art I, Art II, Art III, Art IV, or consent from instructor
Fulfills Grad Requirement: General Elective
The AP Art History course should engage students at the same level as an introductory college art history survey. Such a course involves critical thinking and should develop an understanding and knowledge of diverse **historical** and **cultural** contexts of architecture, sculpture, painting and other media. It also provides an opportunity for schools to strengthen an area neglected in most curricula. In this course, students examine and critically analyze major forms of artistic expression from the past and the present from a variety of cultures. While visual analysis is a fundamental tool of the art historian, art history emphasizes understanding how and why works of art function in context, considering such issues as patronage, gender, and the functions and effects of works of art. Many colleges and universities offer advanced placement and/or credit to students who perform successfully on the AP Art History Exam. **A general knowledge of world history is recommended for students who participate in AP Art History.**

AP Studio Art (5295ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Art I, Art II, Art III, Art IV, or consent from instructor
Fulfills Grad Requirement: General Elective
This Advanced College placement course covers three art related areas including drawing, two dimensional design, and three dimensional design. Specific requirements are posted online. It is strongly suggest that AP Art students complete as many art courses as possible, or possess strong artistic skills before registering for this class. A strong work ethic is very important as project requirements include as many as twenty four quality pieces of original artwork.

Intro to Art A (5278ss)

Grade Level: 9-12 *Course Length: Semester* *Credits: 0.5*
Fulfills Grad Requirement: General Elective
Intro to Art A is offered to students as an introduction to the basic concepts of art and design applications. Intro to Art emphasizes the fundamentals of drawing, painting, collage, printmaking, and sculpture. Students will also examine different influential artists and artistic movements, both historical and contemporary. For students who are especially interested in art, taking both Intro to Art A and B is recommended. While the curriculum covers similar materials in both classes, the project prompts are different. These classes do not need to be taken in order. Example projects include a personal identity still life, a dreamscape collage, and a self-portrait acrylic painting.

Intro to Art B (5279ss)

Grade Level: 9-12 *Course Length: Semester* *Credits: 0.5*
Fulfills Grad Requirement: General Elective
Intro to Art B is offered to students as an introduction to the basic concepts of art and design applications. Intro to Art emphasizes the fundamentals of drawing, painting, collage, printmaking, and sculpture. Students will also examine different influential artists and artistic movements, both historical and contemporary. For students who are especially interested in art, taking both Intro to Art A and B is recommended. While the curriculum covers similar materials in both classes, the project prompts are different. These classes do not need to be taken in order. Example projects include a personal narrative collage, an expressionist pastel portrait, and poured acrylic paintings.

Art II (5281ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Art I or consent from instructor
Fulfills Grad Requirement: General Elective
The course presents a more in-depth study into design techniques including drawing, painting, printmaking, sculpture, murals, posters, and other design problems. Some projects will relate to careers in Art. Students will also create

artwork based on cultural, social and personal interests. Students will have options to create computer art including digital image editing.

Art III (5284ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Art I, Art II, or consent from instructor
Fulfills Grad Requirement: General Elective
Art III is offered to students as an advanced investigation into the concepts of 2-D and 3-D art and design applications. The course will consist of advanced composition and design techniques with an opportunity for students to choose and create their own projects. Students can use any approved art medium of choice. Students will also complete commercial art projects in order to investigate the career possibilities in art. Possible art activities will include lettering/logo design, commercial illustration, Mosaic design, and color theory. Some projects will include implementing computer technology. Possible 3-D projects will include building models, product or package design, creating a 3-D prototype model, and/or sculpture. The class will include a survey of various artistic techniques and materials using drawing pencils, colored pencils, markers, paints, inks, and colored paper. Student will also learn framing and matting techniques.

Art IV (5285ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Art III or consent from instructor
Fulfills Grad Requirement: General Elective
Students will incorporate various art related technology integrated into art projects. Projects options will include graphic design, movie making, Photo manipulation, and/or any other projects using technology or software available to them. Students will also have an opportunity to produce alternative art projects of choice. Students will also have options to develop portfolios.

Ceramics I (5286ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Ceramics class will emphasize applications of design in creating functional and sculptural ceramic art. Students will learn how to prepare clay for sculpting and modeling. Students will also learn how to create forms using a variety of hand-building techniques including the potter's wheel.

Ceramics II (5288ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Ceramics I or consent from instructor
Fulfills Grad Requirement: General Elective
Ceramics II is offered to students as an investigation into concepts of 3-D art and design applications. Advanced ceramics students will further explore the construction techniques learned in Ceramics I, including the pinch, slab, coil, and thrown methods. Students will have options as to what kinds of projects they can produce based on required construction methods and personal objectives. Projects will require some research, and/or relate to advanced construction expectations based on skills learned from Ceramics I.

Independent Art (5289ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Art I, Art II, Art III, Art IV, or consent from instructor
Fulfills Grad Requirement: General Elective
Independent Art is offered to students who are interested in planning their own course goals. Students who register for this class must have a very strong work ethic and possess extreme skills in being self-directed. Students can choose to complete a body of work that relates exclusively to a particular kind of art such as ceramics, painting, drawing, or computer design. Students can also choose to complete a variety of projects. Evaluation of project concepts will be critical with expectations equivalent to Studio Art.

BUSINESS EDUCATION

Accounting I (5629ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: Math Elective or General Elective
Transcripted credit issued from Southwest Technical College

Many different college and university majors **require** a course in Accounting. Why? Accounting is **the language of business**! Hospitals use Accounting, businesses use Accounting, government agencies use Accounting, sports organizations use Accounting, the entertainment industry uses Accounting, and the list goes on.

It is a well-known fact that the first few weeks of college accounting equals one year of high school accounting. Students planning on pursuing a business related major at a university or technical school will benefit from the knowledge they gain during this term.

This is a one semester course that teaches the basic elements of double entry accounting systems in a sole proprietorship and partnerships, with an introduction to corporations. Students will be introduced to both manual and automated accounting practices which use special journals and subsidiary ledgers. This course is recommended for students who plan to study any aspect of business and/or marketing at the college level, for students pursuing a business career, or for those seeking a practical business and/or personal business background.

The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Advanced Accounting (5635ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Accounting I
Fulfills Grad Requirement: Math Elective or General Elective

This course is for the student who enjoyed their previous Accounting course and wants to acquire a more thorough and in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Emphasis is placed on the corporate style of business organization. There are computer problems that support the lessons in the text. Examples of activities in Advanced Accounting include personal income taxes, depreciation, uncollectible accounts, stocks and bonds, and inventory costing.

The **Virtual Business – Accounting** sim brings accounting to life by letting your students do accounting on a business THEY run. Students work with T-accounts, a general journal, general ledger, and worksheets. Later, students move on to using financial statements and ratio analysis to solve real business problems. They even use forensic accounting to uncover fraud and errors. *This course may only be offered every other year during the second semester.*

AP Macroeconomics (5640ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: General Elective

The purpose of AP Macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. The course places particular emphasis on the study of basic economic concepts, supply and demand, measurement of economic performance, national income and price determination, the financial sector, inflation, unemployment, stabilization policies, economic growth and productivity, and international trade and finance.

Computer Applications (5603ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Transcripted credit issued from Southwest Technical College

Computer Applications expands on the skills developed in the Computers 6, 7, and 8 courses. The scope of this course includes expanding computer literacy, applications, and analytical skills in software and hardware usage. Computer Applications focuses on Microsoft PowerPoint, advanced Microsoft Word, and advanced Microsoft Excel. Introductory Internet basics are also a part of the curriculum. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Digital Media (5647ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
This course is designed to provide students with an opportunity to take pictures/videos (as well as modify previously created photos) and edit them using Adobe software. In addition, students will be assigned various activities related to the editing of photos/videos to use for high school social media sites along with the video board in the fieldhouse.

Introduction to Business (5646ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Transcripted credit issued from Southwest Technical College
This course will introduce you to the world of business and help prepare you for future academic and career decisions. It is our goal that this course will also serve as a background for other business courses you may take in high school and in college. The long term emphasis would be to help you prepare for future employment.
In addition to helping inform and prepare the student on what a business career is and what is required, we also plan to take students through the basic steps of developing a business plan and looking at all the factors that go into implementing a business plan and successfully running a small business. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Marketing Principles (5601ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Transcripted credit issued from Southwest Technical College
This course provides an integrated overview of business and marketing concepts and functions. Topics covered will include business operation functions, types of business organizations and ownership, business structure and culture, marketing principles, the world of marketing, the consumer market, marketing research, a product's life, pricing, and current events in marketing. The course also uses web based virtual business - Retailing program by Knowledge Matters. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Microsoft Access/Word MOS (5622ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Transcripted credit issued from Southwest Technical College
This course is an introduction to Microsoft Access 2019 and Microsoft Word 2019. Students will learn the basic features to produce basic databases and documents. Students will have the opportunity to become certified as a Microsoft Office Specialist in Excel. Basic experience with Windows is assumed. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Microsoft Excel MOS (5621ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Transcripted credit issued from Southwest Technical College
This course is an introduction to Microsoft Excel 2019. Students will learn the basic features to produce basic worksheets and charts. Other topic areas covered include formatting, formulas, built-in functions used to design functional worksheets to solve business problems. Students will have the opportunity to become certified as a Microsoft Office Specialist in Excel. Basic experience with Windows is assumed. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Personal Finance I (5626ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Math Elective or General Elective
Transcripted credit issued from Southwest Technical College

This course is a term course designed to prepare students to become/live financially independent. Consumer math problems will be used while providing students with information regarding financial planning, budgets, checking accounts and banking, credit, insurance, investments, and income taxes. This course is also designed to provide students with an understanding of basic personal business forms and records. EXCEL worksheets will be used to incorporate technology and the Occupational Outlook Handbook is one of many internet resources used. Preference is made to allow juniors and seniors to take this course as they have more personal financial experiences to draw from; however, it is possible for freshmen and sophomores to take this as well.

The **Virtual Business - Personal Finance** sim develops key personal financial skills in an online, simulated world. Students direct their simulated character through finding an apartment, job hunting, getting a bank account, budgeting, using credit, investing, paying taxes, and more. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Personal Finance II (5627ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Personal Finance I
Fulfills Grad Requirement: Math Elective or General Elective

Are you interested in money? Do you wish you had more? Are you ambitious enough to research HOW you can have more? Are you confident enough to know that YOU control your own destiny? Do you enjoy reading, investigating, and calculating ways to come up with solutions? If so, continue reading . . .

It is assumed you have taken Personal Finance BEFORE taking this class. We will continue to work on Business Math problems and situations. A working knowledge of EXCEL is expected. We will explore the plans & theories of many personal finance experts that are in the media today and apply and contrast their suggestions to real life situations. **Dave Ramsey's Financial Peace University – High School curriculum** will be the basis for this course. We will calculate the cost of various purchasing options in regard to vehicles, homes, insurance, and retirement investments. We will look at the various taxes that are a part of an adult's life & discuss changes that directly affect us. This can be a fun and rewarding journey toward becoming MONEY SMART!

Sports Marketing (5643ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Marketing Principles
Fulfills Grad Requirement: General Elective

Take Marketing to a whole new level with Sports. Previously learned marketing principles and concepts are expanded upon in the sports and entertainment industry. A majority of the coursework applies to current sports marketing trends. An addition to the coursework for Sports Marketing will be done online in a highly visual computer simulation of a football franchise that lets students handle promotion, develop ticket pricing strategies, evaluate stadiums and city locations, control stadium operations and staffing, find sponsors and licensing deals, and more. The class also participates in the Milwaukee Bucks Experience annually, along with either a Career in Sports Day with the Milwaukee Brewers or Cedar Rapids Kernels.

ENGLISH

AP English Language (5064ys)

Grade Level: 11 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): English 10
Fulfills Grad Requirement: English 11
Transcripted credit issued from Southwest Technical College
The AP course in English Language and composition engages students in becoming skilled readers of prose written in a variety of rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interaction among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

AP English Literature (5090ys)

Grade Level: 12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): AP English Language or English 11
Fulfills Grad Requirement: English 12
The AP English Literature and Comprehension course is designed to engage students in the careful reading and critical analysis of imaginative literature. The course will include intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit. Students will read deliberately and thoroughly, taking time to understand a work's complexity, to absorb its richness of meaning, and to analyze how that meaning is embodied in literary form.
Some major works that are studied will include HAMLET, MEDEA, DRACULA, poetry, drama, short stories, and essay. Writing assignments will focus on the critical analysis of literature and will include expository, analytical, and argumentative essays. Critical analysis will make up the bulk of student writing for the course. Students will take the AP test when scheduled, a 3-hour exam * to include 60 minutes of multiple- choice questions and 120 minutes of free-response essay questions. The AP English Literature and Composition Exam tests students' skill in analyzing selected poems and prose passages and their ability to write critical or analytical essays based on poems, prose, passages, novels, or plays.

Creative Writing (5080ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Creative Writing is an elective English offering for all grades with preference given to upperclassmen. The course's main focus is to explore a variety of writing genres including, but not limited to, poetry, essays, short stories, fairy tales, and journaling. Students will write their own memoirs, autobiographies, children's books, interviews, short stories and several essays. Students will read excerpts from a variety of fiction and nonfiction sources. Although grammar is always a concern in any English class, with Creative Writing, students enjoy a bit more literary freedom. Along with written projects, students will analyze creative writers to compare how literary genres differ in content, style, and organization.

English 9 (5053ys)

Grade Level: 9 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: English 9
This course is REQUIRED for graduation. This is a course designed to review grammar concepts and continue fundamental reading, writing, speaking, and listening skills. Major units of work include the study of short stories, poetry, modern drama, and an introduction of William Shakespeare. Students will read ROMEO AND JULIET, LORD OF THE FLIES, A LONG WAY GONE: MEMOIRS OF A BOY SOLDIER, and THE ODYSSEY, and the reading counts novels. Emphasis is placed upon narrative writing and short essays. Students will complete a research paper of 2-4 pages.

English 10 (5058ys)

Grade Level: 10 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): English 9
Fulfills Grad Requirement: English 10
This course is REQUIRED for graduation. This course builds on reading and writing skills developed in previous English classes. Vocabulary study is expanded to help improve reading rate and comprehension. English 10 students will read classics such as JULIUS CAESAR, THE SCARLET LETTER and THE CRUCIBLE as well as other works including nonfiction, drama, and poetry. Emphasis is placed upon persuasive and narrative writing. Students will write a 3-5 page argumentative research paper and present their topic using persuasive speaking skills.

English 11 (5063ys)

Grade Level: 11 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): English 10
Fulfills Grad Requirement: English 11
This course is REQUIRED for graduation. This course will reinforce and improve reading and writing skills. Students will be exposed to American literature. In this course, students will also learn reading techniques related to life experiences. English 11 will focus on improving vocabulary, paragraphs, essays, standardized testing, and grammar skills, culminating in the writing of a 5 page documented research paper. Students will also complete a verbal presentation/speech in the fourth quarter.

English 12 (5067ys)

Grade Level: 12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): AP English Language or English 11
Fulfills Grad Requirement: English 12
This course is REQUIRED for graduation. This course reinforces writing, reading, vocabulary, speaking, and listening skills learned throughout the student's high school career. Major units of study will include a novel, reading strategies, and connections to the real world. Students will be expected to read inside and outside of class and participate in speaking and listening activities. During the third quarter, students will be expected to complete a capstone project based off of college and career expectations.

Oral/Interpersonal Communication (5091ss)

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: English 12 or General Elective
Transcripted credit issued from Southwest Technical College
Students demonstrate competency in speaking, verbal and nonverbal communication, and listening skills through individual presentations, group activities and other projects. Students study the theories of intrapersonal and interpersonal communication. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges/universities at their discretion.

Speech (5072ss)

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: English 12 or General Elective
Transcripted credit issued from Southwest Technical College
Students explore the fundamentals of effective oral presentations to small and large groups. Students demonstrate competency through topic selection, audience analysis, methods of organization, research, structuring evidence and support, delivery techniques, and other essential elements of speaking successfully, including the listening process. Students study theories of communication and the communication process. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Written Communication (5092ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: English 12 or General Elective
Transcripted credit issued from Southwest Technical College
Students develop writing skills through prewriting, drafting, revising, and editing. Students complete writing assignments designed to help the learner analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Students develop critical reading and thinking skills through the analysis of a variety of written documents. Students should expect to do a significant amount of writing at a college level. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges/universities at their discretion.

Yearbook (5078ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Yearbook requires students with a sense of self-direction. Under the direction of the editor, the work includes layouts, copywriting, artwork, photography, interviewing, photograph preparation, and creative planning. The class also requires researching and developing articles for THE COURIER PRESS.

FAMILY AND CONSUMER SCIENCE

Food Science (5207ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Science Elective or General Elective

Food Science is the study of the nature of food from the soil or feed lot to the table. Food Science is interdisciplinary involving concepts from biology, physiology, chemistry, nutrition, health, and food preparation.

Food Science is a hands-on course. Experimentation and food prep will clarify the concepts covered. The main topics covered include food safety, scientific evaluation, basic food chemistry, sensory perception and essential nutrients. We will also cover food related careers, processing, preservation, additives, packaging and development as time permits. This course will assist students in making science relevant to the "real world".

Food Service (5208sb)

Grade Level: 9-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): Food Science
Fulfills Grad Requirement: General Elective

This course explores careers within the food service industry, safety and sanitation in food handling, quantity preparation methods, cost control, and food marketing. Field trips may be taken to local food service establishments. We also conduct a market analysis, test and sell food products in a business simulation. This course is ideal for students interested in food service careers or in operating a business.

Independent Living (5239ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective

This course is designed to prepare students for living on their own. Topics include basic survival skills of finding and furnishing an apartment, career exploration, applying and interviewing for a job, laundry skills, using credit, living on a budget, purchasing and insuring a vehicle, consumer issues, roommate hassles, and much more. This is a practical course for students who are heading off to a dorm or apartment living.

Introduction to Health Occupations (5220ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective

The purpose of this course is to introduce students to the many opportunities for employment in health care and human services. The course will examine moral and ethical issues in health care; review responsibilities of a health care worker; explore historical influences on current health practices; introduce a variety of fields that make up this profession; offer job shadowing opportunities and allow students to interact with a variety of health care professionals. This course requires travel to and from sites by the student or guardian. This course is valuable to all juniors and seniors considering health professions!

Textile Arts (5206ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective

Students in Textile Arts will experiment with a variety of materials and techniques to design and create innovative fabric and fine art projects. The focus on experiential learning to build skills will then be used to design larger projects based on students' individual interests. While experimenting with artistic applications of textile related techniques, this course will encourage technical and material exploration as well as the use of critical thinking to develop artistic talent.

FOREIGN LANGUAGE

Advanced Chinese (5695ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better Honors Chinese and consent from instructor
Fulfills Grad Requirement: General Elective
Advanced Chinese is the highest level Chinese language course offered at Prairie du Chien High School. Students will continue to build proficiency in Chinese speaking, listening comprehension, reading, and writing. The course will continue to prepare students for the HSK 3 and students will be required to take the exam.

Chinese Civilization (5187ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: General Elective
China is global superpower and one of the oldest and largest civilizations (and economies) in the world. Chinese Civilization will help students understand why and how China has become so powerful. The course will provide a survey of Chinese history from prehistoric times to the present day and will focus on major themes in Chinese politics, geography, technology, history, art, economics and society. First semester will cover pre-history to the Qing dynasty (the last emperor); second semester will cover the Republic of China to the present. Good reading skills are highly recommended when taking this course. *This course will be taught entirely in English, no Chinese language skills are required.*

Beginning Chinese (5734ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: General Elective
This course is designed for students with little to no background in Chinese. Students will learn to speak, listen, read and write Chinese through a variety of activities and media. Students are evaluated on their class participation, daily assignments, quizzes, and oral/written exams. Good reading skills are highly recommended when taking this course. Successful completion of this course prepares students for Intermediate Chinese A.

Intermediate Chinese A (5736ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better Beginning Chinese; OR, "C" or better in JH Chinese II; OR, Instructor Approval
Fulfills Grad Requirement: General Elective
The third year student will be able to navigate a variety of communicative tasks and social situations in the target language. Students will be able to initiate, sustain, and close a general conversation. They will read consistently with increased understanding from texts featuring description and narration. In addition to speaking and reading, the student will also have the opportunity to write short narratives in the target language. Students coming out of Chinese III will have the skills to communicate at ACTFL intermediate-low level competency.
This class will complete *Integrated Chinese Level 1 Part 1.* Completion of this course permits some students to test for credit or placement above introductory Chinese Language courses offered in college.

Intermediate Chinese B (5737ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better Intermediate Chinese A
Fulfills Grad Requirement: General Elective
The third year student will be able to handle successfully a variety of communicative tasks and social situations in the target language. Students will be able to initiate, sustain, and close a general conversation. They will read consistently with increased understanding from texts featuring description and narration. In addition to speaking and reading, the student will also have the opportunity to write short narratives in the target language. Students coming out of Chinese III will have the skills to communicate at ACTFL intermediate-low level competency.
This class will complete *Integrated Chinese Level 1 Part 2.* Completion of this course permits some students to test for credit or placement above introductory Chinese Language courses offered in college.

Honors Chinese (5739ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better Intermediate Chinese B
Fulfills Grad Requirement: General Elective
Honors Chinese students practice perfecting their Chinese speaking, listening, reading, and writing skills. They study vocabulary, grammar and cultural aspects of the language, and then apply what they have learned in extensive reading, writing, listening, and speaking exercises. By the end of the course, students will have an expansive vocabulary and a solid, working knowledge of the language at the ACTFL Intermediate-mid or Intermediate-high level. A superlative completion of Honors Chinese permits some students to test for credit or placement above introductory classes in college. The course will prepare students for the HSK 2 and students will be required to take the exam.

AP Spanish Language and Culture (5716ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better Spanish IV
Fulfills Grad Requirement: General Elective
AP Spanish Language and Culture students practice perfecting their Spanish speaking, listening, and writing skills. They study vocabulary, grammar and cultural aspects of the language, and then apply what they have learned in extensive written and spoken exercises. By the end of the course, students will have an expansive vocabulary and a solid, working knowledge of all verb forms and tenses. The equivalent of a college-level language course, AP Spanish Language and Culture prepares students for college placement exams and for further study of Spanish language, culture, and literature. A superlative completion of AP Spanish Language and Culture permits some students to test for credit introductory and advanced language courses offered in college.

Spanish I (5703ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: General Elective
Students taking Spanish I will have the opportunity to learn the language of America's largest ethnic minority. Students will learn simultaneously to speak, listen, read and write Spanish through a variety of activities and media: dramatics, conversational pairings, game playing, recordings, tapes, videos, and teacher directed activities. Students are evaluated on their class participation, daily assignments, projects, periodic quizzes, and oral/written exams. Good reading skills are highly recommended when taking this course.

Spanish II (5705ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better Spanish I
Fulfills Grad Requirement: General Elective
Vocabulary growth expands in Spanish II with the addition of many conversational activities including: interacting and participating in a conversation: relating personal information about the past or future: getting into, through and out of typical cultural situations (e.g. * getting a hotel room, ordering a meal, making a professional or personal appointment, using the post office, making a telephone call, getting a taxi, and passing through customs). Students further explore the cultures of Spanish-speaking people by studying their various regional customs, preparing Spanish cuisine, and viewing videos on Spain and Latin America. Students are evaluated on their class participation, daily assignments, projects, periodic quizzes, and oral/written exams.

Spanish III (5707ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better Spanish II
Fulfills Grad Requirement: General Elective
The third year student will be able to handle successfully a variety of communicative tasks and social situations in the target language. Students will be able to initiate, sustain, and close a general conversation. They will read consistently with increased understanding from texts featuring description and narration. In addition to speaking and reading, the student will also have the opportunity to write short narratives in the target languages. Students coming out of Spanish III will have the skills to communicate at intermediate level competency. A superlative completion of Spanish III permits some students to test for credit introductory language courses offered in college.

Spanish IV (5709ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better Spanish III
Fulfills Grad Requirement: General Elective
Students in the fourth year of Spanish will carry out all the functions of level III increasing the content areas for discussion. Fourth year students will participate actively in oral and written forms including recounting a sequence of events, summarizing a movie, discussing current events, and making plans for a future activity. Communication in Spanish IV is in greater detail than previous levels using the present, past, and future tenses. Students at this level should survive linguistically and socially in the target culture. A superlative completion of Spanish IV permits some students to test for credit introductory Spanish Language courses offered in college.

FRESHMAN ACADEMY

Careers (5749ss)

Grade Level: 9 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: General Elective

Each 9th grade student is required to enroll in a Careers course. The freshmen Careers courses are designed to provide students with opportunities for interest and career exploration. The courses are intended to help students identify career values and goals so they may plan the path necessary to reach those goals in the post-secondary setting. The courses will stress skills in academic readiness, personal/social development as well as college and career readiness. Among the areas addressed in the course are: cyber safety, self-assessment to help students understand themselves and the careers that best fit their interests and personalities, academic and career readiness skills, career research, post-secondary research, resumes, job applications, cover letters, interviewing, employability skills, and high school and post-secondary planning. Guest speakers will be invited into the freshmen Careers courses on a regular basis throughout the semester and off-grounds outings will be planned when possible.

GUIDANCE

ACT Prep General (5157ss)

Grade Level: 11-12 *Course Length: Fall Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
This course is intended for juniors who wish to prepare for the ACT Test or seniors looking to improve their ACT score. The course will review topics covered on the ACT test and will also provide an opportunity for students to practice for the test.

BAK Tutor (5934ss)

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Administrative approval
Fulfills Grad Requirement: General Elective
Students will work with the teachers and other staff at BAK Elementary as a tutor to students. Students may have to travel. Proper decorum is necessary.

BV Tutor (5935ss)

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Administrative approval
Fulfills Grad Requirement: General Elective
Students will work with the teachers and other staff at Bluff View Intermediate as a tutor to students. Students may have to travel. Proper decorum is necessary.

Mentorship (5937ss)

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Administrative approval and a 3.50 cumulative GPA
Fulfills Grad Requirement: General Elective
The Mentorship Program is offered to any senior with a 3.50 GPA and Administrative approval. The student must apply for acceptance in the program. If accepted, the student will be placed in a job shadowing/unpaid work experience with a mentor from the community. The program is designed to give the student first-hand experience in the area of career interest. Contact should be made with the School Counselor prior to the start of the term in order to fill out required paperwork.

PALS Tutor (5938ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: **0.00***
Prerequisite(s): Administrative approval through application and interview process
*Fulfills Grad Requirement: **NA***
Do you have a caring heart, a shoulder to lean on, a listening ear, and time to spend with a child? If so, PALS (People Actively Linked with Students) may be the opportunity for you. The PALS Program is designed to offer personal support and friendship to elementary school children in need. The children have been referred to the program by their teacher, parent or counselor. They can benefit from contact with a positive, patient, reliable caring adult role model.

Big PALS meet with their child (Little PAL) one day per week during the lunch hour or study hall. You may choose to spend the time eating together, talking, helping the child with their school work, playing games, or shooting hoops. The only thing required of you is to show up and spend your time together in a one on one relationship.

Work Experience (5936ss)

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
The course is designed to assist students in gaining valuable general and specific job skills by participating in work related activities. These activities are graded and students will receive credit and pay. Students may receive up to **1/2 credit** per period, not to exceed more than 2 total credits earned. For example: A student participates in the Work Experience program for two periods each semester. (0.5 credit x 2 periods) = 1 credit earned x 2 semesters = 2 credits earned for the entire year. Required paperwork can be obtained from the Guidance Office.

HEALTH SCIENCES

Anatomy & Physiology (5132ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: Science Elective or General Elective
Students examine basic concepts of human anatomy and physiology as they relate to health sciences. Students use a body systems approach to analyze the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. They apply basic concepts of whole body anatomy and physiology to make informed decisions as health care professionals and to communicate professionally with colleagues and patients.

Biomedical Innovations PLTW (5107sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Pre-Requisite(s): Medical Interventions PLTW
Fulfills Grad Requirement: Science, Science Elective, or General Elective
In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address emergency department design, public health concerns, biomedical engineering, clinical medicine and physiology, and forensic autopsy. The independent capstone project includes designing a biomedical innovation to improve the life of living organisms.

Culture of Healthcare (7144ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0:75*
Transcripted credit issued from Southwest Technical College
This course is designed as an introduction to customer service for learners interested in working in various healthcare settings. The learner investigates healthcare systems, safety standards, and the workforce. The learner examines professionalism, interpersonal and written communication skills, and confidentiality as they relate to customer service in healthcare.

Human Body Systems PLTW (5104sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Pre-Requisite(s): Principles of Biomedical Science PLTW
Fulfills Grad Requirement: Science, Science Elective, or General Elective
Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries.

Introduction to Health Occupations (5220ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
The purpose of this course is to introduce students to the many opportunities for employment in health care and human services. The course will examine moral and ethical issues in health care; review responsibilities of a health care worker; explore historical influences on current health practices; introduce a variety of fields that make up this profession; offer job shadowing opportunities and allow students to interact with a variety of health care professionals. This course requires travel to and from sites by the student or guardian. This course is valuable to all juniors and seniors considering health professions!

Medical Interventions PLTW (5106sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Pre-Requisite(s): Human Body Systems PLTW
Fulfills Grad Requirement: Science, Science Elective, or General Elective
Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Medical Terminology (7025ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0:75*
Offered through Start College Now via Southwest Wisconsin Technical College *3 SWTC credits*
This course focuses on the component parts of medical terms: prefixes, suffixes and word roots. Students practice formation, analysis and reconstruction of terms. Emphasis on spelling, definition and pronunciation. Introduction to operative, diagnostic, therapeutic and symptomatic terminology of all body systems, as well as systemic and surgical terminology.

Nursing Assistant (7070ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0:75*
Offered through Start College Now via Southwest Wisconsin Technical College *3 SWTC credits*
Students examine federal and state requirements to become certified nursing assistants. Students successfully complete the classroom and lab portion of the course before progressing on to an assigned clinical agency for hands-on application. Students demonstrate interpersonal communication skills, personal care skills, and basic nursing skills while providing care to nursing home clients under the supervision of an instructor. Students also provide restorative care, protect client rights, and demonstrate care of the client with dementia. Students demonstrate academic and clinical application competency to prepare for successful completion of the National Nurse Aide Assessment Program (NNAAP) written and skills exam, which is required for entry onto the Wisconsin Nurse Aide Registry. Inclusion on the state registry is necessary for employment as a CNA.

Pharmacology for Allied Health (7145ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0:75*
Transcripted credit issued from Southwest Technical College
Introduces students to classifying medications into correct drug categories and applying basic pharmacology principles. Students apply basic pharmacodynamics to identifying common medications, medication preparation, and administration of medications used by the major body systems.

Principles of Biomedical Science PLTW (5103sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Pre-Requisite(s): Biology I
Fulfills Grad Requirement: Science, Science Elective, or General Elective
Students investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in the Biomedical Sciences program and lays the scientific foundation for subsequent courses. While Chemistry is not a prerequisite for this course, it is strongly encouraged for any students that are not highly self-motivated in science.

MATHEMATICS

Accounting I (5629ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: Math Elective or General Elective
Transcripted credit issued from Southwest Technical College
This course is taught in the Business Education Department. Many different college and university majors **require** a course in Accounting. Why? Accounting is **the language of business**! Hospitals use Accounting, businesses use Accounting, government agencies use Accounting, sports organizations use Accounting, the entertainment industry uses Accounting, and the list goes on.

It is a well-known fact that the first few weeks of college accounting equals one year of high school accounting. Students planning on pursuing a business related major at a university or technical school will benefit from the knowledge they gain during this term.

This is a one semester course that teaches the basic elements of double entry accounting systems in a sole proprietorship and partnerships, with an introduction to corporations. Students will be introduced to both manual and automated accounting practices which use special journals and subsidiary ledgers. This course is recommended for students who plan to study any aspect of business and/or marketing at the college level, for students pursuing a business career, or for those seeking a practical business and/or personal business background.

The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Advanced Accounting (5635ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Accounting I
Fulfills Grad Requirement: Math Elective or General Elective
This course is taught in the Business Education Department. This course is for the student who enjoyed their previous Accounting course and wants to acquire a more thorough and in-depth knowledge of accounting procedures and techniques utilized in solving business problems and making financial decisions. Emphasis is placed on the corporate style of business organization. There are computer problems that support the lessons in the text. Examples of activities in Advanced Accounting include personal income taxes, depreciation, uncollectible accounts, stocks and bonds, and inventory costing.

The **Virtual Business – Accounting** sim brings accounting to life by letting your students do accounting on a business THEY run. Students work with T-accounts, a general journal, general ledger, and worksheets. Later, students move on to using financial statements and ratio analysis to solve real business problems. They even use forensic accounting to uncover fraud and errors. *This course may only be offered every other year during the second semester.*

ACT Prep Mathematics (5753ss)

Grade Level: 11-12 *Course Length: Fall Semester Skinny* *Credits: 0.50*
Prerequisite(s): Algebra II or dual enrollment with Algebra II
Fulfills Grad Requirement: Math Elective or General Elective
This course is intended for juniors who wish to prepare for the ACT Mathematics Test or seniors looking to improve their ACT Mathematics score. The course will review topics covered on the ACT Mathematics test and will also provide an opportunity for students to practice for the test.

Algebra I (5008ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: Mathematics, Math Elective, General Elective
This course is REQUIRED for graduation. In Algebra I, the student will be actively involved in mathematical problem solving through the study of patterns and linear functions, proportional reasoning and linear functions, modeling situations using multiple representations, linear equations and systems of equations, statistical analysis, quadratics, and laws of power. Much of the time in this class will be spent working in small groups.

Algebra II (5015sb)

Grade Level: 10-12 *Course Length: Semester Block* *Credits: 1.00*

Prerequisite(s): Geometry

Fulfills Grad Requirement: Mathematics, Math Elective, or General Elective

Transcripted credit issued from Southwest Technical College

This course is REQUIRED for graduation. In Algebra II, topics of the first algebra course are reviewed and enlarged upon with later consideration being given to additional topics from algebra and analytic geometry. Specific attention is paid to the graphic consideration of lines, parabolas, exponential functions and logarithmic functions. Some other topics covered, which might be familiar to first year algebra students, are sets, factoring of polynomials, and arithmetic operations on fractions involving unknowns. Some possibly unfamiliar topics include relations and functions (constant, linear, quadratic, etc.), quadratic equations and inequalities, logarithmic and exponential functions, trigonometry and complex numbers. Much of the time in this class will be spent working in small groups. The successful completion of this course will also give the possibility of earning transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

AP Calculus AB (5025ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*

Prerequisite(s): Calculus

Fulfills Grad Requirement: Mathematics, Math Elective, or General Elective

AP Calculus AB is an advanced placement class that may allow for college credit or advanced standing when entering college. This course will allow you to challenge yourself to see what you are capable of achieving. Having experience with AP Calculus and exams can only enhance your chance of admission to a college. This will include intensive study to help students who are looking to major in the math, science, engineering, or business fields. A three-hour 15 minute exam will be given covering topics typically included in an introductory Calculus I college course. 105 minutes of multiple-choice questions and 90 minutes of free-response questions will be used. Both the multiple-choice and free-response sections contain parts where a graphing calculator is required and parts where calculator use is prohibited. Students will be expected to have a graphing calculator for use in this class. The TI-83 or TI-84 is recommended as this will be the type used for demonstration purposes in the class.

AP Calculus BC (5019ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*

Prerequisite(s): AP Calculus AB

Fulfills Grad Requirement: Mathematics, Math Elective, or General Elective

AP Calculus BC is an advanced placement class that may allow for college credit or advanced standing when entering college. This course will allow you to challenge yourself to see what you are capable of achieving. Having experience with AP Calculus and exams can only enhance your chance of admission to a college. This will include intensive study to help students who are looking to major in the math, science, engineering, or business fields. A three-hour 15 minute exam will be given covering topics typically included in an introductory Calculus I college course. 105 minutes of multiple-choice questions and 90 minutes of free-response questions will be used. Both the multiple-choice and free-response sections contain parts where a graphing calculator is required and parts where calculator use is prohibited. Students will be expected to have a graphing calculator for use in this class. The TI-83 or TI-84 is recommended as this will be the type used for demonstration purposes in the class.

AP Statistics (5022ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Statistics
Fulfills Grad Requirement: Mathematics, Math Elective, or General Elective
Transcripted credit issued from Southwest Technical College
The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes:

1. Exploring Data: Describing patterns and departures from patterns
2. Sampling and Experimentation: Planning and conducting a study
3. Anticipating Patterns: Exploring random phenomena using probability and simulation
4. Statistical Inference: Estimating population parameters and testing hypotheses

Students who successfully complete the course and exam may receive credit, advanced placement, or both for one semester introductory college statistics course. The College Board AP Statistics Test will be required to be taken by the student with the Prairie du Chien School District covering the cost of the test. Students will be expected to have a graphing calculator for use in this class. The TI-83 or TI-84 is recommended as this will be the type used for demonstration purposes in the class. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Applied Math (5036ss)

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Senior/Junior who has completed Geometry
Fulfills Grad Requirement: Math Elective or General Elective
Transcripted credit issued from Southwest Technical College
In Applied Mathematics students will compute with rational numbers. They make and convert various measurements. Students use formulas to solve problems. They compute dimensions of geometric shapes. Students use statistical tools to represent and analyze data. They analyze various financial situations. Students use basic right triangle trigonometry to solve problems. In each topic area, students solve application problems. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Bridge to Algebra (5037ys)

Grade Level: 9-10 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Administration/Teacher Recommendation
Fulfills Grad Requirement: Math Elective or General Elective
Students will be involved in mathematical problem solving through the study of algebraic thinking. Topics will include: ratios, rates and percents, operations with rational numbers, numerical and algebraic expressions and equations, solving two-step equations and inequalities, study of triangles and circles, scale drawings and scale factors. Additional topics will include: linear functions, the real number system, systems of equations, properties of exponents, volume, analysis and manipulation of two-dimensional shapes, and introductory data analysis. Much of the time in this class will be spent working in small groups.

Building Trades (5512sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): C or better in Construction Technology, or instructor approval
Fulfills Grad Requirement: Math Elective or General Elective
This course is taught in the Technology Education Department. This course is designed to give the student hands-on experience in the field of construction. Students will be expected to plan, lay-out, and construct small buildings such as garages and storage sheds along with general home maintenance and remodeling. Some work may be done off campus for the general public. This class will be limited to seven students: if more than seven sign up, past performance in technology education classes and career goals will determine who will be selected.

Calculus (502

0sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): Pre-Calculus
Fulfills Grad Requirement: Mathematics, Math Elective, or General Elective
Calculus is designed for students interested in math, science, engineering or business careers. Students are introduced to the topics of derivatives and integrals. Students learn how to calculate them and their applications to real world problems. Students will be expected to have a graphing calculator for use in this class. The TI-83 or TI-84 is recommended as this will be the type used for demonstration purposes in the class.

College Mathematics – New in 2021-2022

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Math Elective or General Elective
Transcripted credit issued from Southwest Technical College
This course is designed to review and develop fundamental concepts of mathematics in the areas of algebra, geometry, trigonometry, measurement and data. Algebra topics emphasize simplifying algebraic expressions, solving linear equations and inequalities with one variable, solving proportions and percent applications. Geometry and trigonometry topics include; finding areas and volumes of geometric figures, applying similar and congruent triangles, applying Pythagorean Theorem, and solving right triangles using trigonometric ratios. Measurement topics emphasize the application of measurement concepts and conversion techniques within and between U.S. customary and metric system to solve problems. Data topics emphasize data organization and summarization skills, including: frequency distributions, central tendency, relative position and measures of dispersion. Special emphasis is placed on problem solving, critical thinking and logical reasoning, making connections, and using calculators. *This class would provide good math skills review prior to attending a 2- or 4-year university.*

Construction Technology (5507ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Math Elective or General Elective
This course is taught in the Technology Education Department. This course will utilize a simple floor plan to build a full sized replica in the shop. Students will learn about construction concepts, site layout, foundation systems, floor systems, wall systems, roof systems, installing doors and windows, drywall finishing, residential wiring, stair framing, insulation, vapor barriers and roof coverings. We will practice and use all the tools and building techniques of the modern residential carpenter. Students will work in groups up to 4 to construct the replica structures. Class size is limited to 12 students per semester. This course is a prerequisite for Building Trades, passing Construction Technology with a C or higher or get the instructor's approval.

Geometry (5028ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Algebra I
Fulfills Grad Requirement: Mathematics, Math Elective, or General Elective
This course is REQUIRED for graduation. In Geometry, the student will be actively involved in mathematical problem solving through the study of shapes and patterns. Students will focus on the topics of polygons, perimeter, area, volume, surface area, angles, triangles, parallel and perpendicular lines, transformations, similarity, congruence, quadrilaterals, circles, and trigonometry. Much of the time in this class will be spent working in small groups.

Math with Business Applications – NEW in 2021-2022

Grade Level: 12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Math Elective or General Elective
Transcripted credit issued from Southwest Technical College
This course covers real numbers, basic operations, linear equations, proportions with one variable, percents, simple interest, compound interest, annuity, applies math concepts to the purchasing/buying process, applies math concepts to the selling process, and basic statistics with business/consumer application.

Personal Finance I (5626ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Math Elective or General Elective
Transcripted credit issued from Southwest Technical College
This course is taught in the Business Education Department. This course is a term course designed to prepare students to become/live financially independent. Consumer math problems will be used while providing students with information regarding financial planning, budgets, checking accounts and banking, credit, insurance, investments, and income taxes. This course is also designed to provide students with an understanding of basic personal business forms and records. EXCEL worksheets will be used to incorporate technology and the Occupational Outlook Handbook is one of many internet resources used. Preference is made to allow juniors and seniors to take this course as they have more personal financial experiences to draw from; however, it is possible for freshmen and sophomores to take this as well.

The **Virtual Business - Personal Finance** sim develops key personal financial skills in an online, simulated world. Students direct their simulated character through finding an apartment, job hunting, getting a bank account, budgeting, using credit, investing, paying taxes, and more. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Personal Finance II (5627ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): Personal Finance I
Fulfills Grad Requirement: Math Elective or General Elective
This course is taught in the Business Education Department. Are you interested in money? Do you wish you had more? Are you ambitious enough to research HOW you can have more? Are you confident enough to know that YOU control your own destiny? Do you enjoy reading, investigating, and calculating ways to come up with solutions? If so, continue reading . . .

It is assumed you have taken Personal Finance BEFORE taking this class. We will continue to work on Business Math problems and situations. A working knowledge of EXCEL is expected. We will explore the plans & theories of many personal finance experts that are in the media today and apply and contrast their suggestions to real life situations. **Dave Ramsey's Financial Peace University – High School curriculum** will be the basis for this course. We will calculate the cost of various purchasing options in regard to vehicles, homes, insurance, and retirement investments. We will look at the various taxes that are a part of an adult's life & discuss changes that directly affect us. This can be a fun and rewarding journey toward becoming MONEY SMART!

Prairie Woods Production (5518sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): C or better in Woods I and/or a student application process
Fulfills Grad Requirement: Math Elective or General Elective
This course will cover all aspects of how a business functions on a day to day basis. We will actually create a small business from scratch over the course of the semester. Areas we will cover include design, marketing, engineering, production, quality control, sales, and finance management.

Pre-Calculus (5018sb)

Grade Level: 10-12 *Course Length: Semester Block* *Credits: 1.00*

Prerequisite(s): Algebra II

Fulfills Grad Requirement: Mathematics, Math Elective, or General Elective

Transcripted credit issued from Southwest Technical College

Pre-Calculus is designed to prepare students for higher level mathematics. The main areas of study are advanced techniques for algebra and trigonometry. This course is designed for students interested in math, science, engineering, technology, or business careers. Students will be expected to have a graphing calculator for use in this class. The TI-83 or TI-84 is recommended as this will be the type used for demonstration purposes in the class. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

UNITS OF STUDY

1 - Functions
2 - Polynomial/Rational Functions
3 - Exponential/Logarithmic Functions
4 - Conic Sections
5 - Trigonometric Functions of Real Numbers
6 - Trigonometric Functions of Angles
7 - Analytic Trigonometry
8 - Polar Coordinates and Vectors

Statistics (5017ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*

Prerequisite(s): Algebra II

Fulfills Grad Requirement: Mathematics, Math Elective, or General Elective

Statistics applies to students going into business and social science fields as well as the math and science fields. The Advanced Placement Statistics course is divided into four main topics. In this course, we will look at the first two of these topics; "Exploring Data" and "Sampling and Experimentation". Students will learn how to describe patterns in data and departures from the pattern. Students will also learn how to plan and conduct a study. Students will be expected to have a graphing calculator for use in this class. The TI-83 or 84 is recommended as this will be the type used for demonstration purposes in the class.

UNITS OF STUDY

1 - What is Statistics?
2 - Exploring Data
3 - Describing Location in a Distribution
4 - Examining Relationships
5 - Relationships between Two Variables
6 - Producing Data

Woods I (5502ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: Math Elective or General Elective

This course is taught in the Technology Education Department. This course is designed to acquaint the students with tools and machinery as well as various wood joints utilized in the wood working industry. The primary emphasis of instruction is based upon the development of skills in using hand tools and power wood working equipment. Students will be required to make projects selected by the instructor. Students will be evaluated on written work assigned, lab participation, and lab performance throughout the semester. A lab fee will be assessed for materials used.

Woods II (5501ss)

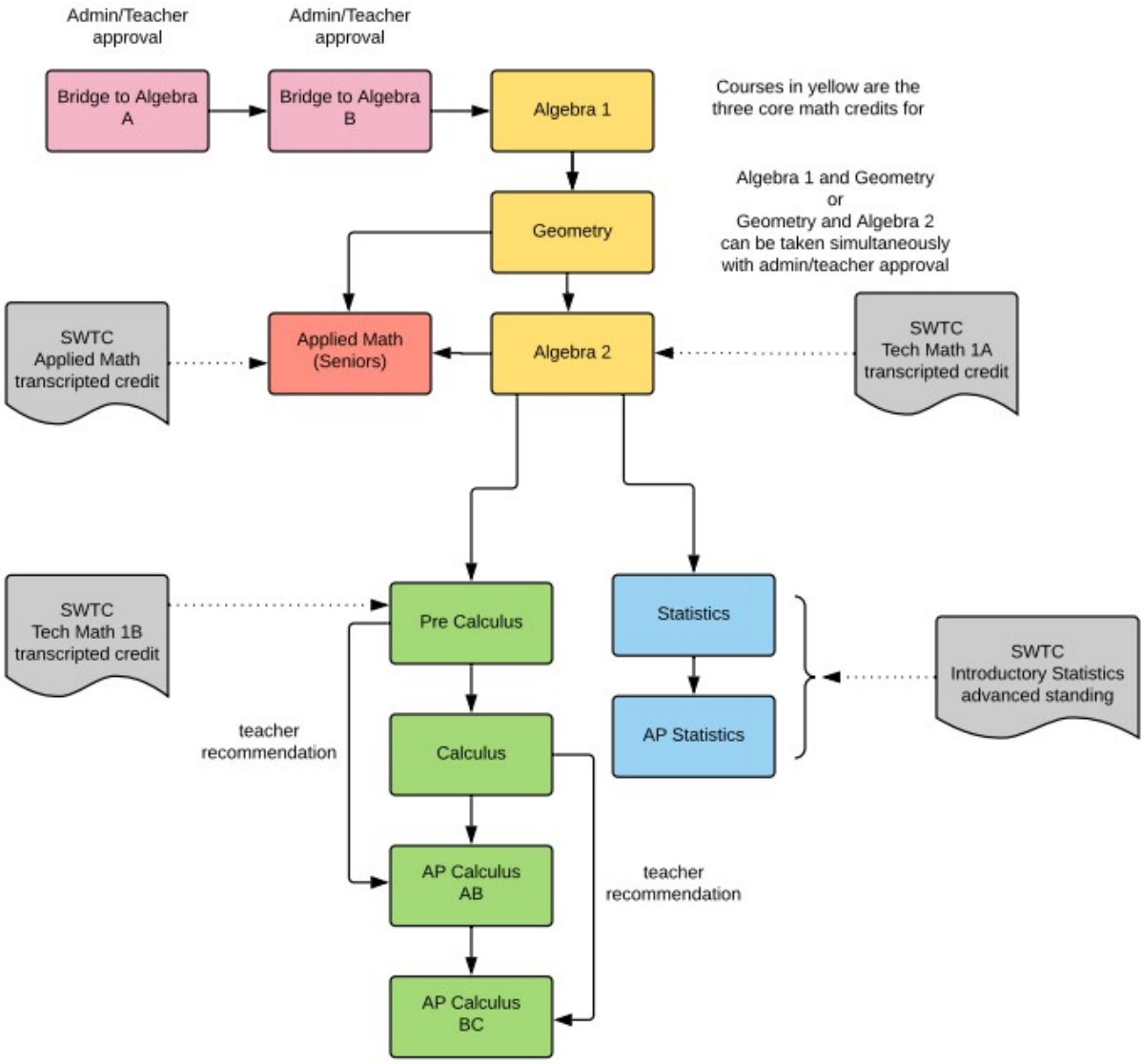
Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*

Prerequisite(s): C or better in Woods I, or instructor approval

Fulfills Grad Requirement: Math Elective or General Elective

This course is taught in the Technology Education Department. This course is designed to acquaint the students with tools and machinery as well as various wood joints utilized in the wood working industry. The primary emphasis of instruction is based upon the development of skills in using hand tools and power wood working equipment. Students will be required to make projects selected by the instructor. Students will be evaluated on written work assigned, lab participation, and lab performance throughout the semester. A lab fee will be assessed for materials used. Students must pass with a C or better semester grade, demonstrate the ability to work safely, responsibly and independently or have instructor approval to be admitted into Woods II.

HS Math Courses Flowchart



MUSIC

AP Music Theory (5256ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Offered alternate years
Fulfills Grad Requirement: General Elective
The AP Music Theory Exam is intended for secondary school students who have completed music theory studies comparable to introductory college courses in music theory. This course is designed to develop musical skills that will lead to a thorough understanding of music composition and music theory. The emphasis will be on the rules of theory and composition, ear training, sight singing, score analysis, and keyboard skills.

Students are prepared to take the AP® Music Theory Exam when they have completed the course. Students planning to major in music in college may be able to enroll in an advanced music theory course, depending on individual colleges' AP policies.

Band (5251ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Previous experience in band or Instructor Approval
Fulfills Grad Requirement: General Elective
Band is the major performing organization within the instrumental music program. The band performs at concerts, festivals, halftime shows, and parades. Band members are required to participate in all performances and the assigned number of lessons throughout the year. Band members also have the opportunity to participate in Pep Band, Solo & Ensemble Festival, as well as other ensembles that arise from being a member of the band. Students planning on taking band should participate in summer band.

Concert Choir (5261ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: General Elective
Concert Choir is a major performing organization. Concert Choir is the core ensemble of the Vocal Music Department and members have an opportunity to build on their talents by being a part of Chamber Choir, Vocal Jazz Ensemble, District and State Solo & Ensemble Contests, the all-school musical, and the all school Variety Show. Concepts in ear training and the development of the voice in the choral style are stressed with independent music skills being the goal. Elements of musical style and historical perspectives are also introduced. This group is active in several large group performances and students are to attend the expected number of lessons. Concert Choir and all of the related musical activities are provided so students may enjoy a well-rounded vocal musical experience.

Guitar I – Beginning Guitar (5268ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Offered alternate years
Guitar I is a semester-long introductory guitar course open to all students, regardless of musical background. Learning to play a guitar can foster a lifelong love of music. The guitar can serve many roles in music, including soloing, accompaniment, and as a melodic instrument. Students will explore basic and advanced strumming patterns, melodies in first position, improvisation, open position and Barre chords, and 12 bar blues. The goal of this course is to introduce students to the beginning skills necessary to further their future enjoyment of this popular instrument.

PHYSICAL EDUCATION/HEALTH

Athletic Training and Management (5306ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: Physical Education or General Elective

Students will learn about the body, how to train it and improve overall health in the areas of cardiovascular fitness, flexibility, muscular strength, speed and endurance through workout and activities. Students will also learn about team work, goal setting and facts of the performance body. Through this course students will be developing the mobility and stability to perform for the current season and beyond. Students will be challenged to bring their intensity and focus to a new level.

Core Performance (5305ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: Physical Education or General Elective

Core Performance is an advanced course for students who want to challenge and improve their current level of athletic fitness. The class will have high intensity to advance athletic performances in the areas of Balance, Flexibility, Coordination, Speed, Strength/Power, Agility and Quickness. Through this course students will be developing the mobility and stability to perform for the current season and beyond. Students will be challenged to bring their intensity and focus to a new level.

Health (5350ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: Health

This course is REQUIRED for graduation. The purpose of this course is to develop more through awareness and understanding of the major dimensions of health. Curriculum areas include: personal wellness, nutrition and fitness, mental and emotional health, disease and disorders, alcohol, tobacco and other drugs, CPR, and First Aid.

Lifetime Sports (5315ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: Physical Education or General Elective

Students will work on improving their overall physical conditioning through set workout routines along with introductory levels of activities to be physically active for a lifetime. Students will learn about the sciences of sports including anatomy, physics, and biomechanics as it applies to daily activity.

SCIENCE

Anatomy & Physiology (5132ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: Science Elective or General Elective
Students examine basic concepts of human anatomy and physiology as they relate to health sciences. Students use a body systems approach to analyze the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. They apply basic concepts of whole body anatomy and physiology to make informed decisions as health care professionals and to communicate professionally with colleagues and patients.

Animal Science – Large (5555ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Science Elective or General Elective
Transcripted credit issued from Southwest Technical College
This course is taught in the Agriculture Department. This course will focus on the industry responsible for the efficient production of livestock animals (beef and dairy cattle, sheep, goats, swine, poultry and horses) Animal anatomy, conformation, selection, evaluation, systems, nutrition, feeds and feeding, basic husbandry, and product evaluation will be covered.

Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with raising livestock and to meet the requirements of a complete agricultural education program.

Animal Science – Small (5553ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Science Elective or General Elective
This course is taught in the Agriculture Department. Open to all students wishing to develop knowledge in handling small companion animals. This course involves learning animal anatomy, feeding and nutrition, reproduction, health, selection and behavior of small animals. Species covered include: dogs, cats, rabbits, gerbils, hamsters, guinea pigs, birds, and other creatures that are considered "pets." Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with caring for small animals and to meet the requirements of a complete agricultural education program.

AP Biology (5109ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): "C" or better in Biology I and Chemistry I
Fulfills Grad Requirement: Science, Science Elective, or General Elective
If you enjoy nature and appreciate the magic and complexity of life, you will enjoy this course! This course is structured around biological themes related to: the chemistry of life, cell structure and energy, cell communication, heredity, gene expression, natural selection, and ecology. To go along with lectures, discussions, and chapter assignments, students complete laboratory procedures to strengthen their understanding of evolution, energetics, information storage and transmission, and the interactions of biological systems. Throughout the course, students gain experience in important science practices such as: concept evaluation, visual representation of data, questions and methods, representing and describing data, statistical tests and data analysis, and argumentation. Upon completion of this course, students will be prepared for the AP exam and for any entry-level Biology course in college.

AP Environmental Science (5102ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Biology I, Chemistry I, and Algebra II
Fulfills Grad Requirement: Science, Science Elective, or General Elective
This course is designed to acquaint students with the physical, ecological, social, biological, and political principles of environmental science. The scientific method, group discussion, and lecture are used to analyze and understand the interrelationships between humans and the natural environment. The course shows how ecological realities and the material desire of humans often clash, leading to environmental degradation and pollution. The course consists of 18 chapters covering the following topics: earth's systems, human and wildlife population dynamics, air and water quality, energy and biogeochemical cycling, renewable and nonrenewable energy, mining and mining technology, waste generation and disposal, global changes in the environment and society – as well as detailed chapters regarding atmospheric energy transfer and weather. Chapters are divided into several subsections, each of which contains text, animations, and laboratory simulations. Three to six fieldtrips annually accompany the material.

Biology I (5110ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*
Fulfills Grad Requirement: Science, Science Elective, or General Elective
This course is REQUIRED for graduation. This science course is open to all students in grades 9-12. Basic science skills, scientific method, study and organizational skills and laboratory techniques will be emphasized. Areas of study include: scientific method, ecology, cell biology, genetics, evolution and natural selection, taxonomy, and plant and animal biology.

Biology II (5115sb)

Grade Level: 10-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): Biology I
Fulfills Grad Requirement: Science, Science Elective, or General Elective
This science course is open to students in grades 10-12. Biology II expands on science skills, scientific method, study and organizational skills and laboratory techniques will be emphasized. Areas of study include: scientific method, biochemistry, biotechnology, forensic science and anatomy & physiology; focusing on the integumentary, skeletal, muscular, circulatory, respiratory, digestive and nervous systems. This course is beneficial to all students and is especially beneficial to students planning to pursue AP science courses or college-level sciences.

Biomedical Innovations PLTW (5107sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Pre-Requisite(s): Medical Interventions PLTW
Fulfills Grad Requirement: Science, Science Elective, or General Elective
In the final course of the PLTW Biomedical Science sequence, students build on the knowledge and skills gained from previous courses to design innovative solutions for the most pressing health challenges of the 21st century. Students address emergency department design, public health concerns, biomedical engineering, clinical medicine and physiology, and forensic autopsy. The independent capstone project includes designing a biomedical innovation to improve the life of living organisms.

Chemistry I (5117ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*
Prerequisite(s): Biology I
Fulfills Grad Requirement: Chemistry I
This course is REQUIRED for graduation. This course will introduce the students to the concepts of matter, chemical symbols, chemical formulas, the names of chemicals, conservation of matter and energy, scientific measurement, basic atomic structure, the mole concept, percent composition, chemical reactions, stoichiometry, and solutions.

Chemistry II (5119ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*

Prerequisite(s): Chemistry I

Fulfills Grad Requirement: Science, Science Elective, or General Elective

This course reviews many of the concepts discussed in Chemistry I, but much more in depth. It also introduces new concepts associated with atomic structure, chemical periodicity, the behavior of gases, ionic and covalent bonding, water and aqueous systems, reaction rates, equilibrium, thermo chemistry, molecular geometry and intermolecular forces, acid base reactions, electrochemistry, organic chemistry, and redox equations.

Food Science (5207ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: Science Elective or General Elective

This course is taught in the Family and Consumer Science Department. Food Science is the study of the nature of food from the soil or feed lot to the table. Food Science is interdisciplinary involving concepts from biology, physiology, chemistry, nutrition, health, and food preparation.

Food Science is a hands-on course. Experimentation and food prep will clarify the concepts covered. The main topics covered include food safety, scientific evaluation, basic food chemistry, sensory perception and essential nutrients. We will also cover food related careers, processing, preservation, additives, packaging and development as time permits. This course will assist students in making science relevant to the "real world".

Forestry, Wildlife & Conservation Management (5552sb)

Grade Level: 10-12 *Course Length: Semester Block* *Credits: 1.00*

Prerequisite(s): Natural Resources

Fulfills Grad Requirement: Science Elective or General Elective

This course is taught in the Agriculture Department. Students will apply knowledge of biology and natural resources to problem solve ethical questions of management. Conservation practices in the forests, soils, wildlife, and fisheries are all important, as is the economic sustainability of our state. We will utilize current topics that are posing challenges to our local community and state to research and promote answers and actions. Further, we will explore the concept of Nature Deficit Disorder and what is means to be a steward of the land. Learning activities include reading, completing multiple projects, in-class discussions, in-class activities, and presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with forestry, wildlife, soils and land stewardship, and to meet the requirements of a complete agricultural education program.

Human Body Systems PLTW (5104sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*

Pre-Requisite(s): Principles of Biomedical Science PLTW

Fulfills Grad Requirement: Science, Science Elective, or General Elective

Students examine the interactions of human body systems as they explore identity, power, movement, protection, and homeostasis. Students design experiments, investigate the structures and functions of the human body, and use data acquisition software to monitor body functions such as muscle movement, reflex and voluntary action, and respiration. Exploring science in action, students build organs and tissues on a skeletal manikin, work through interesting real world cases and often play the roles of biomedical professionals to solve medical mysteries.

Medical Interventions PLTW (5106sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*

Pre-Requisite(s): Human Body Systems PLTW

Fulfills Grad Requirement: Science, Science Elective, or General Elective

Students follow the life of a fictitious family as they investigate how to prevent, diagnose, and treat disease. Students explore how to detect and fight infection; screen and evaluate the code in human DNA; evaluate cancer treatment options; and prevail when the organs of the body begin to fail. Through real-world cases, students are exposed to a range of interventions related to immunology, surgery, genetics, pharmacology, medical devices, and diagnostics.

Natural Resources (5575ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: Science Elective or General Elective

This course is taught in the Agriculture Department. Open to students who have completed biology, this course will make use of the greenhouse and cover such areas as plant growth, research of plants, weed and plant identification, soil types, and plant yields. Lab projects and experiments will give students hands-on approach to plant care and management from a production standpoint. Hydroponics will also be covered. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion. Learning activities include reading from the text, completing worksheets, in-class discussions, in-class activities / projects, and video presentations. At the end of the semester, there will be a final assessment. Lab Activities, Supervised Agricultural Experience (SAE) and the student organization FFA will be incorporated as opportunities to learn skills associated with plant science and to meet the requirements of a complete agricultural education program.

Physics (5136ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*

Prerequisite(s): Algebra II and Chemistry I

Fulfills Grad Requirement: Science, Science Elective, or General Elective

Transcripted credit issued from Southwest Technical College

Students will investigate the laws of nature governing objects, their interactions, and energy. Both the scientific concepts and mathematical solutions will be covered. The general topics studied are motion, forces, momentum, energy, work, power, fluids, thermodynamics, and waves. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply to other colleges and technical schools at their discretion.

Plant Science (5560ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: Science Elective or General Elective

Transcripted credit issued from Southwest Technical College

This course is taught in the Agriculture Department. Open to all students this course will make use of the greenhouse and cover such areas as plant growth, research of plants, weed and plant identification, soil types, and plant yields. Lab projects and experiments will give students hands-on approach to plant care and management. Hydroponics will also be covered. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Principles of Biomedical Science PLTW (5103sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*

Pre-Requisite(s): Biology I

Fulfills Grad Requirement: Science, Science Elective, or General Elective

Students investigate various health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. They determine the factors that led to the death of a fictional person, and investigate lifestyle choices and medical treatments that might have prolonged the person's life. The activities and projects introduce students to human physiology, medicine, and research processes. This course provides an overview of all the courses in the Biomedical Sciences program and lays the scientific foundation for subsequent courses. While Chemistry is not a prerequisite for this course, it is strongly encouraged for any students that are not highly self-motivated in science.

SOCIAL STUDIES

AP Human Geography (5156ys)

Grade Level: 9-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: AP Human Geography or World History

*AP Human Geography or World History must be scheduled **freshman year** to meet graduation requirements.*

The objectives of Advanced Placement Human Geography are to introduce students to the systematic study of patterns and processes that have shaped human understanding, the use, and alteration of Earth's surface. Students also will employ spatial concepts and landscape analysis to examine human social organizations and its environmental consequences. They will also learn about the methods and tools geographers use in their science and practice. Students will also be able to: Use and reason about maps and spatial data, understand and interpret the implications of associations among phenomena in places, recognize and interpret at different scales the relationships among patterns and processes, define regions and evaluate the regionalization process, and characterize and analyze changing interconnections among places. Course topics include: Introduction to Human Geography, Population, Migration, Local and Popular Culture, Cultural Landscapes, Identity: Race, Ethnicity, Gender and Sexuality, Language, Religion, Political, Physical, and Urban Geography, Development, Agriculture, Industry and Services, The Humanized Environment, and Globalization and the Geography of Networks.

AP Psychology (5195ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: General Elective

Transcripted credit issued from Southwest Technical College

The purpose of the Advanced Placement Course in Psychology is to introduce students to the systematic and scientific study of human behavior and mental processes. Students are exposed to psychological principles, theories and phenomena associated with the major fields of psychology. Students are also expected to learn about the many applications, methods and ethics involved in the practice of psychology. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

AP US Government & Politics (5192ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: AP US Government & Politics or US Government

*AP US Government & Politics or US Government must be scheduled **sophomore year** to meet graduation requirements.*

Advanced Placement (AP) United States Government and Politics will be a yearlong skinny, college level course offered to students WHO WISH TO BE ACADEMICALLY CHALLENGED. Students must have the academic initiative to progress through some material with the instructor acting as facilitator - the course is designed to be more student-centered and somewhat more self-paced. Students will take the AP College Board test in the spring, and their scores on that test will determine eligibility for college credit. Significant online course work will be required for this class. The course is designed to be the equivalent of a 100 level survey of American national government at the college level. In addition the following topics will be emphasized:

- Political opinions, interests, and behaviors
- Political organizations to include political parties, interest groups and mass media
- The institution of government and its role in making and enforcing public policy
- Civil liberties and civil rights
- The examination of primary source material and contemporary news analysis
- The role of state government

AP US History (5190ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: AP US History or US History

*AP US History or US History must be scheduled **junior year** to meet graduation requirements.*

AP United States History is a survey course in American History covering material from 1500 to present day. The main themes of the course are the economic, social, and political developments in U.S. History. The pace and focus of the course are established based on the guidelines of the College Board. The course culminates in a comprehensive national exam. The results of this exam determine the students' eligibility for college credit. Students are required to complete a significant amount of independent reading and writing. Course Objectives: To provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in U.S. History, to prepare students for intermediate and advanced college courses by making demands upon them equivalent to those made by a full year introductory college course, to improve students' ability to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in both written and oral formats.

AP World History: Modern (5151ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: General Elective

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

Chinese Civilization (5187ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: General Elective

This course is taught in the Chinese Department. China is global superpower and one of the oldest and largest civilizations (and economies) in the world. Chinese Civilization will help students understand why and how China has become so powerful. The course will provide a survey of Chinese history from prehistoric time to present day and will focus on major themes in Chinese politics, geography, technology, history, art, economics and society. First semester will cover pre-history to the Qing dynasty (the last emperor); second semester will cover the Republic of China to the present. Good reading skills are highly recommended when taking this course. *This course will be taught entirely in English, no Chinese language skills are required.*

Holocaust Studies (5183ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: General Elective

The upperclassmen course will consider the reality and implications of the Nazi campaign to destroy European Jews from 1933 to 1945. The primary content emphasis for this course pertains to the examination of the events of the Holocaust, the systematic, planned annihilation of European Jews and other groups by Nazi Germany. The course will focus on student study and analysis of primary and secondary documents, artifacts, and artwork to make conclusions on this time in history. When able, students will have the opportunity to attend a lecture with a Holocaust survivor. Content will include, but is not limited to, the examination of twentieth century programs and of twentieth century and twenty-first century genocides, investigation of human behavior during this period, and an understanding of the ramifications of prejudice, racism, and stereotyping.

Human Psychology (5180ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Transcripted credit issued from Southwest Technical College
Human Psychology is a Social Studies elective. It is intended to provide an overview of the interesting theories, persons, and applications of the field of psychology. We strive in the course to develop a psychological perspective by which to consider daily events. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

Introduction to Criminal Justice Studies (7131ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.75*
Fulfills Grad Requirement: General Elective
Offered through Start College Now via Southwest Wisconsin Technical College *3 SWTC credits*
This is a Start College Now (*formerly Youth Options*) course and is **only available to juniors and seniors**. In this course learners will distinguish between the roles and functions of courts with jurisdiction in Wisconsin, differentiate between the roles and functions of federal, state, and local law enforcement agencies; apply professional principles as a law enforcement officer; determine modern police functions and policies from an historical perspective; identify the role of law enforcement officers in American society; identify the law enforcement policies required by Wisconsin statutes; defend the importance of written agency policies; distinguish between "ministerial" and "discretionary" duties; utilize a decision-making model; identify the characteristics of a good decision maker; describe how professionalism, ethics, and moral standards relate to a law enforcement career; practice a code of behavior that embodies the principles and obligations of the law enforcement code of ethics; incorporate ethical decision making strategies; describe how decisions are made; enhance an officer's critical thinking and police problem solving skills; and apply principles of critical thinking, decision-making, and problem solving.

Community Policing in a Diversity Society (7151ss)

Grade Level: 11-12 *Course Length: Semester Skinny* *Credits: 0.75*
Fulfills Grad Requirement: General Elective
Offered through Start College Now via Southwest Wisconsin Technical College *3 SWTC credits*
This is a Start College Now (*formerly Youth Options)* course and is **only available to juniors and seniors**. In this course students will explore key insights and information relevant to criminal justice professionals engaged in law enforcement contacts with a variety of cultures, physical or mental conditions, and environmental challenges. Students identify principles, techniques and behaviors that promote community service and effective interaction in a diverse society. Students will learn to recognize and respond to people with mental illness by utilizing knowledge and community resources. They identify the differences in policing techniques given a variety of environments, and the importance of being able to recognize and adapt quickly in order to solve, rather than create or add to, a problem situation. They apply principles and techniques of good communication, decision-making, and problem solving-oriented policing. They implement principles and techniques or crime prevention and gaining community support for police efforts.

Sociology (5185ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
Transcripted credit issued from Southwest Technical College
Sociology is the scientific study of human social relationships. It shares its concern regarding social behavior with a number of other disciplines including anthropology, history, psychology, economics, political science, and social work. Students will develop a sociological imagination allowing them to consider other ways of life unlike their own. The successful completion of this course will also give transcripted credit to all technical colleges in Wisconsin. This may apply at other colleges and technical schools at their discretion.

US Government (5175ys)

Grade Level: 10-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: AP US Government & Politics or US Government

Transcripted credit issued from Southwest Technical College

*AP US Government & Politics or US Government must be scheduled **sophomore year** to meet graduation requirements.*

This course will cover the world as a whole with regard to the United States government. A comprehensive study of the political, economic, social, and intellectual developments and processes of the United States political system will be the basis of the class. Specific topics that will be covered are: powers of government, current events, the constitution, the justice system, and the three levels of government: local, state, and federal, political parties, and active citizenship in the community, country, the world and current events. In each topic we will discuss the people, events, social, and cultural development which play an important role in understanding the study of the government of the United States.

US History (5158ys)

Grade Level: 11-12 *Course Length: Year* *Credits: 1.00*

Fulfills Grad Requirement: AP US History or US History

*AP US History or US History must be scheduled **junior year** to meet graduation requirements.*

This course provides a one-year survey of American history from the Colonial Period and the American Revolution to the present day. Students will be offered a comprehensive view the United States involvement in foreign and domestic issues throughout its existence. Using the textbook and primary documents and current events, students learn about the various political, social, religious, and economic developments that have shaped and continue to shape the United States. Essay writing and critical thinking are emphasized as integral ways of understanding how the past relates to the present and future.

World History (5150ys)

Grade Level: 9 *Course Length: Semester Skinny* *Credits: 0.50*

Fulfills Grad Requirement: AP Human Geography or World History

*AP Human Geography or World History must be scheduled **freshman year** to meet graduation requirements.*

World History (General) is an in-depth study of our global community's past, emphasizing the people and events that changed past societies, and how these changes affect our modern society. The course is separated into lessons comprising the following topic areas: Early civilizations such as Ancient Greece and Rome, the rise of Christianity and civilizations of the Americas, societies of the Middle Ages such as the Byzantine Empire, Russia and Eastern Europe, the Renaissance and Reformation, the start of the Global Age in Europe, Africa, Asia, and the Americas, the Age of Absolutism, the regional civilizations of Islam, Africa, and the spread of civilization in East and Southeast Asia. Other topic areas include the French Revolution and Napoleon, the beginning of the Industrial Revolution and the Revolutions of Europe and Latin America, Nationalism in Europe, the growth of Western Democracies, and New Imperialism. The course continues with World War I and the Russian Revolution, the rise of totalitarianism, World War II and its aftermath, the world since 1945 including the Cold War, the emergence of new nations, regional conflicts, the developing world and the world today.

Intro to Cartography

Grade: 9-12 *Course length: Semester* *Credits: 0.50*

Fulfills Grad Requirement: General Elective

Intro to Cartography will cover the history of maps and mapmaking while showing the impact that maps have had on history, culture, and modern day society, especially in the rapidly growing field of Geographic Information Systems (GIS). Students will learn about key skills in geography and have the opportunity to make their own maps and layouts to describe the world we live in using an ArcGIS online program.

TECHNOLOGY EDUCATION

Building Trades (5512sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): C or better in Construction Technology, or instructor approval
Fulfills Grad Requirement: Math Elective or General Elective
This course is designed to give the student hands-on experience in the field of construction. Students will be expected to plan, lay-out, and construct small buildings such as garages and storage sheds along with general home maintenance and remodeling. Some work may be done off campus for the general public. This class will be limited to seven students: if more than seven sign up, past performance in technology education classes and career goals will determine who will be selected.

Construction Technology (5507ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Math Elective or General Elective
This course will utilize a simple floor plan to build a full sized replica in the shop. Students will learn about construction concepts, site layout, foundation systems, floor systems, wall systems, roof systems, installing doors and windows, drywall finishing, residential wiring, stair framing, insulation, vapor barriers and roof coverings. We will practice and use all the tools and building techniques of the modern residential carpenter. Students will work in groups up to 4 to construct the replica structures. Class size is limited to 12 students per semester. This course is a prerequisite for Building Trades, passing Construction Technology with a C or higher or get the instructor's approval.

Modern Manufacturing Principles (5509ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
This course will explore the world of modern manufacturing by giving students firsthand experience with the technical side of the manufacturing process. Such topics will include the modern uses of robotics, automation, hydraulics, pneumatics, 3D printing, electricity and electronics. Course content will focus on how these systems work and give practice of how to diagnose problems and work to resolve them. This class is geared toward students wanting to be more of a technician instead of an engineer.

Prairie Woods Production (5518sb)

Grade Level: 11-12 *Course Length: Semester Block* *Credits: 1.00*
Prerequisite(s): C or better in Woods I and/or a student application process
Fulfills Grad Requirement: Math Elective or General Elective
This course will cover all aspects of how a business functions on a day to day basis. We will actually create a small business from scratch over the course of the semester. Areas we will cover include design, marketing, engineering, production, quality control, sales, and finance management.

Welding I (5521ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: General Elective
This course will introduce the welding processes of oxygen/acetylene welding, cutting, brazing, GMAW, SMAW and plasma cutting. The curriculum will be focused on welding shop safety, learning the principles of the aforementioned processes, identifying the characteristics of a strong bead, machine set up, and performing simple weld joints on coupons (scrap metal). Students will be evaluated on written work assigned, lab participation, and lab performance throughout the semester. Emphasis will be based on safety and the basic principles of welding and cutting processes. Students must pass with a C or better semester grade, demonstrate the ability to work safely, responsibly and independently or have instructor approval to be admitted into Welding II.

Welding II (5522ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): C or better in Welding I, or instructor approval
Fulfills Grad Requirement: General Elective
This course will review the content of Welding I, but the focus will be on more complex joinery, reading welding plans and blueprints, and completion small metal projects. Students will be evaluated on written work assigned, lab participation, and lab performance throughout the semester. Emphasis will be based on safety, joinery, and welding as practiced in industry and construction.

Woods I (5502ss)

Grade Level: 9-12 *Course Length: Semester Skinny* *Credits: 0.50*
Fulfills Grad Requirement: Math Elective or General Elective
This course is designed to acquaint the students with tools and machinery as well as various wood joints utilized in the wood working industry. The primary emphasis of instruction is based upon the development of skills in using hand tools and power wood working equipment. Students will be required to make projects selected by the instructor. Students will be evaluated on written work assigned, lab participation, and lab performance throughout the semester. A lab fee will be assessed for materials used. Students must pass with a C or better semester grade, demonstrate the ability to work safely, responsibly and independently or have instructor approval to be admitted into Woods II.

Woods II (5501ss)

Grade Level: 10-12 *Course Length: Semester Skinny* *Credits: 0.50*
Prerequisite(s): C or better in Woods I, or instructor approval
Fulfills Grad Requirement: Math Elective or General Elective
This course is designed to allow students to apply the knowledge and skills gained from taking Woods I. Students will use class time to design and work on independent projects of their choosing. Students may choose to make one large project or several small projects. Students will be evaluated on written work assigned, lab participation, and lab performance throughout the semester. A lab fee will be assessed for materials used. The amount is dependent on the amount of materials used.