

Waconia High School

2025-2026 Registration Handbook



Dear Student and Parent/Guardian:

This guide is a catalog of courses and programs offered during the 2025-2026 school year at Waconia High School. Please refer to it throughout the year.

For the first eight years of your education almost all courses were required. In high school students have a chance to branch out with electives. Electives provide the opportunity to explore special fields of interest. They also make it possible to pursue specialized training preparation for post-high school training or to enter the job market.

These opportunities place great responsibility on both parents and students to plan wisely. Please read the information, browse through the course offerings and special programs, and then begin planning a course of study. Before registration, decide on a schedule of courses for the remaining years in high school. Serious thought about an overall plan will provide a sense of purpose and direction. Therefore, it is important that course selections for next year are made carefully.

If you have questions regarding registration or a specific program, please contact your counselor at (952) 442-0676.

Lynette Alger, Counselor (student last names: A-G) lalger@isd110.org

Dana Henn, Counselor (student last names: H-O) dhenn@isd110.org

Haley Fogarty, Counselor (student last names: P-Z) hfogarty@isd110.org

Waconia High School at a Glance

School Year

- 3 trimesters

School Day

- 5 periods each day.
- Regular Daily Time Schedule
 - ❖ Period 1 – 8:30-9:40
 - ❖ Period 2 – 9:45-10:55
 - ❖ Period 3 – 11:00-12:10
 - ❖ Period 4 – 12:15-1:50 (Lunch is served during this period)
 - ❖ Period 5 – 1:55-3:05
- Tuesday and Thursday (Wild Time/Advisory) Time Schedule
 - ❖ Period 1 – 8:30-9:30
 - ❖ Period 2 – 9:35-10:35
 - ❖ WILD/Advisory – 10:40-11:15
 - ❖ Period 3 – 11:20-12:20
 - ❖ Period 4 – 12:25-2:00 (Lunch is served during this period)
 - ❖ Period 5 – 2:05-3:05

CREDITS

- Each class is worth 1 credit.
- 55 credits are required for graduation
- Required credits: 37 for the classes of 2026-2027, 38 for the class of 2028 and beyond
 - ❖ English: 8 credits (4 years)
 - ❖ Social Studies: 8 credits (4 years)
 - ❖ Math: 7 credits (3.5 years)
 - ❖ Science: 7 credits (3.5 years)
 - ❖ PE: 2 credits (1 year)
 - ❖ Health: 1 credit (.5 year)
 - ❖ Fine Arts: 2 credits (1 year)
 - ❖ Speech: 1 credit (.5 year)
 - ❖ Senior Seminar: 1 credit (.5 year)
 - ❖ Personal Finance: 1 credit (beginning with the class of 2028) (.5 year)
- Elective credits: 18 for the classes of 2026-2027, 17 for the class of 2028 and beyond
 - ❖ Student choice

Course and Credit Requirements

55 Credits are required for graduation - 37 required credits, 18 elective credits (classes of 2026-2027)
- 38 required credits, 17 elective credits (class of 2028 and beyond)

Grade 9 Core Requirements:

English (2)	English 9A and English 9B; or Pre-AP English 9A and 9B
Social Studies (1)	American Citizenship
Science (3)	Principles of Chemistry, Principles of Engineering, and Principles of Physics (classes of 2026-2027) Space and Solar System Science, Earth Systems and Cycles Science, Earth and Human Interactions Science (class of 2028 and beyond)
Mathematics (2)	2 Math Courses (see Mathematics section)

Grade 10 Core Requirements:

English (2)	Composition 10 & Literature Studies 10; or Pre-AP English 10A and 10B
Social Studies (2)	US History A and US History B; or Advanced Placement US History (meets 2 credit social requirements)
Science (2)	Cellular Biology and Biological Systems; or AP Biology A and B
Mathematics (2)	2 Math Courses (see Mathematics section)

Grade 11 Core Requirements:

English (2)	Composition 11; and American Literature 11 or Themes in Literature 11 (choose one); or Advanced Placement Language and Composition (meets 2 credit English requirements)
Social Studies (2)	World History A and B; or Advanced Placement World History: Modern (meets 2 credit social requirements)
Mathematics (2)	2 Math Courses (see Mathematics section)

Grade 12 Core Requirements:

English (2)	Composition 12 or SMSU College Academic Writing (choose one); and Themes in Literature 12 or SMSU College Literature: Global Perspective (choose one); or Advanced Placement Literature and Composition (meets 2 credit English requirement)
Social Studies (2)	Economics and Government 12; or Advanced Placement US Government (meets 2 credit social requirements)
Senior Seminar (1)	

General Core Requirements:

Physical Ed (2)	Foundations of Fitness (suggested in grade 9 or 10); and One additional Physical Education class of choice
Health (1)	Health (suggested in grade 9 or 10)
Speech (1)	Speech (suggested in grade 10, 11, or 12)
Mathematics (1)	See Mathematics section for required sequence
Science (2)	Chemistry A and B or Physics A and B
Social Studies (1)	Human Geography (open to grades 10-12)
Fine Arts (2)	Choose 2 classes in the area of art or music. Or, see below
Business (1)	Personal Finance (beginning with the class of 2028)

These classes may also be used to meet the Fine Arts requirement: Drama, Creative Writing, Video Production, Interior Design, Metals Technology (2 credits), Cabinetry and Furniture Making (2 credits), Yearbook, Fashion Design

*Beginning with the Class of 2028, at least one credit must be selected in the area of Music or Art

Fine Arts Credits

Students at Waconia High School are expected to take 2 Fine Arts Credit for graduation.

- 1 Fine Arts Credit must be in a course that aligns to the the MN State Arts Standards
- The second credit may:
 - Be a course that aligns to the MN State Arts Standards
 - Or a course that aligns with Waconia Fine Arts Courses

<p>All students must take at least 1 credit from this column that aligns to the MN State Arts Standards</p> <p>Students may take 2 credits from this column.</p>	<p>These courses are considered a Waconia High School Fine Arts course. Students may take one of these courses as their second Fine Arts credit.</p>
<p>Art Studio Art 2-D Design Arts as Craft/Applied Art Ceramics 1 Ceramics 2 Ceramics 3 Drawing and Painting Graphic Design Introduction to Art Studio Art 2-D Design Cantabile Soprano/Alto Choir Concert Band Concert Choir Music Appreciation Music Theory Select Chamber Choir Symphonic Band Varsity Band Varsity Choir Wind Ensemble</p>	<p>Creative Writing Interior Design Interior Design 2 Cabinetry and Furniture Making Metals Technology Yearbook Drama Digital Photography Video Production Yearbook 2 Fashion Design</p>

Graduation – Honor Students

Graduates from Waconia High School can achieve honor status, and be recognized at the commencement ceremony, by maintaining high grades and taking our most challenging courses. GPA eligibility will be determined by the cumulative GPA after the 2nd trimester of a student's senior year. Three levels of honor status will be recognized:

Cum Laude	3.75 - 4.0 GPA and 6 honor credits
Magna Cum Laude	3.85 - 4.0 GPA and 9 honor credits
Summa Cum Laude	3.95 - 4.0 GPA and 12 honor credits

Honor Credit Courses:

Advanced Placement	AP Studio Art 2-D Design (2)	AP Biology (2)	AP Calculus A/B (2)
AP Calculus B/C (3)	AP Chemistry (3)	AP Lang. & Composition (2)	AP Lit. & Composition (2)
AP Lit: Ext. Read & Analysis (1)	AP Statistics (2)	AP US Gov. & Politics (2)	AP US History (2)
AP World History: Modern (2)	Pre-AP English 9 (2)	Pre-AP English 10 (2)	

Concurrent Enrollment	CIS Physics (3)	CIS Spanish (3)	University of Iowa Start Your Own Business (1)
SMSU College Algebra (1)	SMSU College Academic Writing (1)	SMSU College Literature: Global Perspective (1)	

Project Lead the Way	Civil Engineering & Arch. (2)	Computer Integrated Mfg (2)	Engineering Design & Dev. (3)
Intro to Engineering Des. (2)	Advanced Principles of Engineering (2) Beginning with the class of 2028		

Articulated Courses	Accounting 1 (1)	Accounting 2 (1)	Emergency Medical Responder (1)
Emergency Medical Technician (2)	Medical Terminology (1)	Nursing Assistant (2)	Introduction to Marketing (1)

PSEO

- Accept credit for courses in English, Science, Social Studies, Math and Foreign Language
- 3 semester credits = 2 WHS credits
- No credit for non-credit bearing or elective courses

Grading Scale

A	=	4.000
A-	=	3.666
B+	=	3.333
B	=	3.000
B-	=	2.666
C+	=	2.333
C	=	2.000
C-	=	1.666
D+	=	1.333
D	=	1.000
D-	=	.666
F	=	.000
P (Pass)	=	No numerical computation but credit received
I (Incomplete)	=	Numeric computation, no credit received
WF (Withdraw/Fail)	=	Numeric computation, no credit received
NG (No Grade)	=	No numerical computation, no credit received

Honor Roll

Students obtaining a 3.666 G.P.A. or above for a trimester are eligible for Honor Roll I. Students obtaining a 3.000 G.P.A or above for a trimester are eligible for Honor Roll II.

Withdrawal From Courses

After a student has registered for a course and has attended the course, the following drop procedure must be followed:

- A. Discuss the reasons for dropping with your teacher, counselor and parent.
- B. If a class is dropped prior to mid-trimester, a grade of WF (Withdraw/Failing) will be assigned with no credit given. If a class is dropped after mid-trimester, a grade of F (fail) will be assigned with no credit given.

Schedule Change Requests

If a student would like to make a schedule change, the student must contact their counselor to discuss their request. Changes must be made prior to the start of the trimester. Please note: Schedule requests must be based on educational need and will be dependent upon space and availability of courses. Schedule changes will ONLY be considered for the following reasons:

- Student does not meet the prerequisites of the course.
- Student is missing a graduation requirement.
- Student has failed a course and must re-schedule.
- Student is a senior and is dropping a course to be a TA or use their Senior Privilege.
- Student is registered for a PSEO class.

Pass/Fail Option

Pass and fail options are available to 11th and 12th grade students for a maximum of 2 elective credits during their high school career. Students must maintain a “C” average in the course to receive a “P.” This option request must be made by the student during the first five days of the course offering and receive instructor and counselor approval. This does not apply to Independent Study, Teacher Aide, or Mentoring classes.

Test Out Policy

High school students may request to test out of a math or world language course, allowing them to advance to the next level. The first step is for students to discuss the request with their counselor and complete the application. Applications must be received by the counseling office one full trimester before the start of the desired course. Even if students pass the assessment and advance to the next level, they still need to fulfill the necessary credits for graduation. If the assessment is completed at a passing level, the course will be listed on the students transcript as a P, but no credit will be given.

Home School Credits

Students who transfer into Waconia High School from an accredited home school setting will have their graduation requirements determined by the high school administration. The requirements will be based on their official transcripts. Proficiency tests may be given as necessary (i.e., a final course test, a student work portfolio, and standardized tests).

Students who transfer into Waconia High School from a non-accredited home school setting will have their graduation requirements determined by the high school administration. The requirements will be based on their official transcripts. Proficiency tests may be given as necessary (i.e., a final course test, a student work portfolio, and standardized tests). All accepted grades will be recorded as a “pass” with no G.P.A. weight.

College-Bound Student Athletes

Students who wish to compete at an NCAA Division I or Division II college must satisfy the requirements of the NCAA. It is the student's responsibility to register. Students typically register with the NCAA in the spring of junior or fall of their senior year. This is done online at: ncaa.org.

Students who wish to compete at an NAIA college must meet the requirements of the NAIA. It is the student's responsibility to register. Students typically register with the NAIA in the spring of junior or fall of their senior year. This is done online at: play.mynaia.org

School Activities

Please visit our activities page for the latest information on high school clubs, sporting events and other activities.

<https://www.waconiaactivities.org/>

Student Contracts

Independent Study Contracts

Independent Study contracts should be utilized for the purpose of gaining additional knowledge in an area of interest above and beyond what may be available in the normal curriculum. Junior and senior students may request to do an independent study. To do so, students must first meet with their counselor. Secondly, students must complete the contract with the supervising teacher and return it to the guidance office prior to the start of the trimester. The application will then be either approved or denied by an administrative committee. Any exceptions must be cleared with a counselor prior to beginning the independent study contract and it must be outlined in the written contract with the teacher.

Teacher Aide

Full time WHS seniors may be aides for a teacher. The program is designed to give students an opportunity to gain work experience within a specific area. Aides will be expected to fulfill certain requirements as outlined by the supervising teacher. Students will earn 1 credit per trimester on a pass/fail basis.

Mentoring

Seniors have the opportunity to further their knowledge in a career area of interest as a mentor. This opportunity is designed to be consistent with their educational program and future career aspirations. Seniors choosing to be a mentor must obtain permission from their counselor. Students will earn 1 credit per trimester on a pass/fail basis.

Leadingage Minnesota - High School Credit for Caring Careers

High school students in grades 11 and 12 can earn elective credits if employed by an eligible health care provider. Students may earn 1 elective credit for every 350 hours worked, including hours worked during the summer. Students may earn up to 2 elective credits each year under this program. All credits earned are on a pass/fail basis.

Eligible Employers: long-term care facility, licensed assisted living, home and community based services provider, hospital or health system clinic, childcare center.

After you have completed 350 hours, please complete the following application in order to receive credits: [Health Care Credit Application](#). Please send the completed application to Waconia High School Guidance Office. The guidance office will verify the hours worked with the employer after the application has been submitted. If approved, credits will appear on a student's transcript as "Health Care Employment Experience".

Youth Service Credit

Students are able to earn one-half credit for 30 hours of approved service to the community. Additionally, students must complete a written essay describing their volunteer service to further understand the value of volunteering and the impact it has on their community. Students may repeat this course but only one full credit will be granted towards fulfilling graduation requirements. All credits earned are on a pass/fail basis.

Senior Privilege

Any senior who is on track to graduate and is given permission from a parent or guardian may choose to drop one elective class from his/her schedule. The expectation is that the student would be out of the building during the period and would not return until his/her next scheduled class. Students must complete the Senior Privilege form and return to the Guidance Office prior to the start of the trimester.

Postsecondary Credit Opportunities

Advanced Placement Courses

Advanced placement courses offer students access to rigorous college-level coursework and the opportunity to explore a subject of interest in greater depth. These introductory college courses often require more time and work, but help students develop disciplined study habits that can contribute to success in college. Satisfactory AP exam scores allow students to earn college credit and bypass introductory-level courses in college to pursue more advanced studies.

Waconia High School offers these Advanced Placement courses:

- AP Studio Art 2-D Design
- AP Biology
- AP Calculus AB
- AP Calculus BC
- AP Chemistry
- AP Statistics
- AP Language and Composition
- AP Literature and Composition
- AP Literature: Ext. Reading & Analysis
- AP US History
- AP US Government and Politics
- AP World History: Modern

Concurrent Enrollment

Advanced high school juniors and seniors can earn college credit without leaving the high school campus through concurrent enrollment courses. These courses are taught by high school instructors, are accredited, and guarantee college credit upon successful completion of the course. High school students taking concurrent enrollment courses are held to the same academic rigor and standards as students in the university setting.

College in the Schools (CIS) courses through the University of Minnesota - Twin Cities:

- College In The Schools Physics (up to 4 college credits)
- College In The Schools Spanish (up to 10 college credits)

College Now courses through Southwest Minnesota State University (SMSU):

- College Now Algebra (Mathematics 110, 3 credits)
- College Now Academic Writing (English 151, 4 credits)
- College Now Literature: Global Perspective (Literature 150, 3 credits)

University of Iowa:

- Start Your Own Business (Exploring Entrepreneurship ENTR 1010)

Project Lead The Way

Project Lead The Way (PLTW) is an engaging, hands-on curriculum that prepares students to be innovative and productive leaders in the areas of science, technology, engineering, and math. College credit is available through successful course completion and passing an end of course exam. More than 150 institutions of higher education actively recruit PLTW students and provide recognition opportunities, including admissions preference, scholarships, and course credit.

Waconia High School offers the following PLTW courses:

- Advanced Principles of Engineering (POE)-(9th grade science requirement for class of 2026-2027)
- Introduction to Engineering Design (IED)
- Civil Engineering and Architecture (CEA)
- Computer Integrated Manufacturing (CIM)
- Engineering Design and Development (EDD) - Instructor permission

Articulated Courses

Not only do articulated courses allow students the opportunity to explore future career opportunities, they can also earn technical or community college credits. See your guidance counselor or instructor for details.

Waconia High School offers these articulated courses:

Business	Accounting 1 Accounting 2 Introduction to Marketing
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Southwest Metro Educational Cooperative Courses offered at WHS

Waconia High School serves as a satellite campus for the following Southwest Metro Educational Cooperative. These courses allow students the opportunity to explore future career opportunities, and earn college credits.

Emergency Medical Responder	Emergency Medical Technician (Part 1 and 2)	Nursing Assistant (CNA)	Medical Terminology
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Off Site offerings located in Chaska & Shakopee

Waconia High School students have the opportunity to attend technical programs in Chaska and Shakopee, Minnesota. These trimester courses meet two periods per day. Transportation is not provided.

Complete program descriptions can be found at:

- [Swmetro.k12.mn.us](http://swmetro.k12.mn.us)
- [SW Metro Course Descriptions](#)

Post-Secondary Enrollment Options (PSEO)

Postsecondary Enrollment Options (PSEO) is a program that allows 10th-, 11th- and 12th-grade students to earn both high school and college credit while still in high school, through enrollment in and successful completion of college nonsectarian courses at any [eligible postsecondary institution in Minnesota](#). Most PSEO courses are offered on the campus of the postsecondary institution; some courses are offered online. Students must meet the PSEO residency and eligibility requirements and abide by participation limits specified in [Minnesota Statutes, section 124D.09](#). To assist the district in planning, a student must inform the district/charter school by May 30 (for fall term enrollment) or October 30 (for spring term enrollment) of their intent to enroll in postsecondary courses. The district/charter school must provide counseling services to students and their parents or guardian before the student enrolls in courses to ensure that the students and their parents or guardian are fully aware of the risks and possible consequences of enrolling in postsecondary courses.

Student Eligibility

Eleventh and 12th-grade students may take PSEO courses on a full- or part-time basis. Each participating college or university sets its own admissions requirements for enrollment into the PSEO courses.

Tenth-grade students are eligible to enroll in **one** Career and Technical Education (CTE) course if they receive a reading proficiency score of “meets” or “exceeds” on the 8th grade MCA. If a 10th-grade student did not take the MCA in 8th grade, another reading assessment accepted by the enrolling postsecondary institution can be substituted. For students with disabilities, there is an alternative option to demonstrate reading proficiency. A 10th-grade student who enrolls in one CTE course and earns at least a grade C in the first term of enrollment, may take additional postsecondary courses in the subsequent term, not limited to CTE. [Access the list of postsecondary institutions offering approved CTE courses to 10th grade students.](#)

If the district/charter school determines a student is academically not on track to graduate, the student may continue to participate in PSEO on a term-by-term basis beyond their cohort graduation date.

Tuition and Fees

There is no charge to PSEO students for tuition, books or fees for items that are required to participate in a course; however, students may incur fees for equipment that becomes their property when the course or program is completed, textbooks that are not returned to the postsecondary institution according to their policies, or for tuition costs if they do not notify the district by May 30 or October 30 and the district does not waive the date requirement.

Funding is available to help pay transportation expenses for qualifying students to participate in PSEO courses on college campuses. For more information on these funds, [access the PSEO Mileage Reimbursement Program Instructions](#).

Other Helpful Information for Public School Students

Enrolling in a PSEO course does not prohibit a student from participating in activities sponsored by the high school.

High schools are required to provide access to space and technology during the core school day -- if needed -- for a student to participate in PSEO, but may not require students to attend the high school during online PSEO courses or remain in the high school for a specific amount of time. Students are expected to follow safety guidelines and school policy for leaving and entering the school building.

PSEO students must provide the school with a copy of their grades in each PSEO course.

Districts must transcript high school credits earned through PSEO by a ratio prescribed in statute. Districts have the authority to decide which subject area and standards the PSEO course meets. If there is a dispute between the district and the student regarding the number of credits granted for a particular course, the student may appeal the board's decision to the commissioner. The commissioner's decision regarding the number of credits will be final. Grade weighting policies for PSEO courses vary by district/charter school.

Postsecondary institutions are required to allow PSEO students to enroll in online courses consistent with the institution's policy regarding postsecondary student enrollment in online courses.

Where can students attend?

Postsecondary institutions must be located in Minnesota and approved by the Minnesota Department of Education to offer PSEO as defined by the PSEO statute. Students may enroll in more than one institution during the same term. Some colleges have placement exams and specific application deadlines. It is up to the individual student to be sure they are meeting all of the requirements needed to apply and enroll.

PSEO grading

Students should start their planning early. The student is expected to be a responsible and independent learner. When selecting courses, it is the **student's responsibility** for making sure they are fulfilling their high school requirements. WHS does not have access to the student's college attendance and grade in progress. **PSEO courses are included in a student's GPA, this includes incompletes, withdrawals and failures.** WHS does not weigh any courses. A student's high school diploma is held until grades are received at WHS. Students will be allowed to participate in the ceremony if they are in good academic standing.

The following is the credit conversion.

5 college credits= 3.33 WHS credits

4 college credits= 2.67 WHS credits

3 college credits= 2.0 WHS credits

2 college credits= 1.33 WHS credits

1 college credit= .67 WHS credit

When transferring credits under the PSEO program, it is up to the transfer rules of that institution. It is recommended that students contact those institutions to verify their college credits will transfer after high school.

Course Offerings

<p>ART AP Studio Art 2-D Design Art as Craft/Applied Art Ceramics 1 Ceramics 2 Ceramics 3 Digital Photography Drawing and Painting Graphic Design Introduction to Art Studio Art 2-D Design</p> <p>BUSINESS & COMPUTER Accounting 1 Accounting 2 Business Management Computer Applications Introduction to Business Introduction to Marketing Personal Finance Starting Your Own Business Video Production Work Experience</p> <p>ENGLISH American Literature 11 AP Language & Comp (A&B) AP Literature & Comp (A&B) AP Lit: Ext. Reading & Analysis Composition 10 Composition 11 Composition 12 Creative Writing English 9 (A&B) Introduction to Film Introduction to Yearbook Literature Studies 10 Pre-AP English 9 (A&B) Pre-AP English 10 (A&B) SMSU College Academic Writing SMSU College Lit: Global Persp. Speech Teen Literature Themes in Literature 11 Themes in Literature 12 Yearbook 2</p>	<p>FAMILY & CON. SCIENCE Adulting 101: Pers. Refl. & Devel. Child Development Culinary Foods 1 Culinary Foods 2 Fashion Design Global and Cultural Cuisine Human Relationships Interior Design Interior Design 2</p> <p>HEALTH/DRIVERS EDUCATION Drivers Education Health Health Careers Investigation</p> <p>INDUSTRIAL TECH. Auto Maintenance Cabinetry & Furn. Making (A&B) Electricity/Electronics Entrepreneurship Introduction to Construction Introduction to Metals Introduction to Woods Metals Technology (A&B) Small Engines Woodworking Technology</p> <p>MATHEMATICS Algebra 2 (A&B) AP Calculus AB (Part 1&2) AP Calculus BC (Part 1,2,&3) AP Statistics (A&B) Calculus (A&B) Geometry (A&B) Intermediate Algebra (A&B) Precalculus SMSU College Algebra Statistics Trigonometry</p> <p>MUSIC Cantabile Soprano/Alto Choir Concert Band Concert Choir Music Appreciation Music Theory Select Chamber Choir Symphonic Band Varsity Band Varsity Choir Wind Ensemble</p>	<p>PHYSICAL ED Advanced Team Sports Advanced Weights 3 Foundations of Fitness Individual/Dual Activities Intro to Sports Officiating Recreation Activities Team Sports Total Fitness Weight Training 1 Weight Training 2</p> <p>PROJECT LEAD THE WAY Civil Engin. & Architect (A&B) Computer Integrated Mfg (A&B) Engin. Design & Devel. (A,B,&C) Intro to Engin. Design (A&B) Adv. Princ. of Engin. (A & B)</p> <p>SCIENCE Anatomy and Physiology (A&B) AP Biology (A&B) AP Chemistry (A,B&C) Biological Systems Cell Biology Chemistry (A&B) C.I.S. Physics (Part 1,2,&3) CSI Forensics Earth Systems and Cycles Earth and Human Interactions Environmental Studies Fish & Wildlife Biology Physics (A&B) Principles of Chemistry (2026-27) Principles of Engineering (2026-27) Principles of Physics (2026-27) Space and Solar System Science Winter Biology</p> <p>SENIOR SEMINAR</p> <p>SOCIAL STUDIES American Citizenship AP US Government (A&B) AP US History (A&B) AP World Hist.: Modern (A&B) Criminal Justice Economics History's Mysteries Human Geography Psychology Sociology Sports and Society US Government US History (A&B) World History (A&B)</p>	<p>UNIFIED EXPLORATION Unified Art Unified Culinary Foods Unified Industrial Technology Unified Physical Education</p> <p>WORLD LANGUAGES French 1 (A&B) French 2 (A&B) French 3 (A&B) French 4 (A&B) Spanish 1 (A&B) Spanish 2 (A&B) Spanish 3 (A&B) Spanish 4 (A&B) C.I.S. Spanish (Part 1,2,&3)</p> <p>SOUTHWEST METRO EDUCATIONAL COOPERATIVE Emergency Medical Responder Emergency Medical Technician Medical Terminology Nursing Assistant/Med. Tem</p> <p>SOUTHWEST METRO OFF-CAMPUS PROGRAMS See the link to description and courses in the registration guide.</p>
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ART

*Some Art classes include a contribution. Please see individual description for more information.

AP STUDIO ART 2-D DESIGN				
Grade Level: 10-12	Credits: 1-3	College Credit: Yes	Fine Arts Credit: Yes	Prerequisite: Instructor Permission
<p>This Advanced Placement course is a studio experience in 2-D art. Any drawing and painting medium may be explored as well as digital art and photography. AP Art students do not take a test as in other AP courses, instead a portfolio of art work is submitted to the College Board for grading. College credit may be given depending on the portfolio score and the college the student is attending. 2-3 trimesters is required. Sophomores and Juniors may take the class for one trimester as a Pre-AP course.</p>				

ART AS CRAFT/APPLIED ART				
Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: Introduction to Art
<p>This course is very hands-on. Students will do projects that are more craft oriented. Examples are tile mosaic, fabric dying, weaving, wood cut printmaking and various paper arts. Drawing and painting skills are not necessary for success in this class. *This class includes a \$10 course contribution.</p>				

CERAMICS 1				
Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: Introduction to Art
<p>Ceramics students will learn the history and characteristics of clay and ceramics from prehistoric to present day. Projects are based on the basic hand building techniques and potter's wheel. Students will also learn a variety of glazing techniques and the firing process. *This class includes a \$10 course contribution.</p>				

CERAMICS 2				
Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: Ceramics 1
<p>Ceramics will cover advanced handbuilding and wheel techniques. Students will be involved in all stages of ceramics from raw clay to finished product. *This class includes a \$10 course contribution.</p>				

CERAMICS 3				
Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: Ceramics 2
<p>In this course students work in a studio setting. The students may place emphasis on wheel pottery, hand building or both. The trimester is based on 50% instructor driven assignments and 50% in-depth individual student concentration. Students will exhibit their work at the end of the trimester. *This class includes a \$10 course contribution.</p>				

DIGITAL PHOTOGRAPHY

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None
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Students in this course will create and edit awesome photographs using a DSLR camera and Adobe Lightroom. Students will: learn about manual settings on DSLR cameras and cell phones; explore the ins-and-outs of Lightroom; and study influential photographers and their methods.

DRAWING AND PAINTING

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: Introduction to Art
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This course is focused on improving drawing skills in areas such as portrait drawing and linear perspective. Painting experiences will include mixed media collage, acrylic and watercolor painting. Emphasis on students developing their own personal style and creativity. *This class includes a \$10 course contribution.

GRAPHIC DESIGN

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None
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Graphic Design gives students an opportunity to explore the advertising, graphics side of art. Students will complete projects comparable to those of the professional designer with both traditional and modern computer techniques. Students will create magazine ads, logos, package designs, etc. Students will collaborate with real clients when given the opportunity.

INTRODUCTION TO ART

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None
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Students will learn about art and themselves from a broad perspective, exploring the ideas of art appreciation, art history, the basic elements of art and design as well as production of artwork using a wide range of art mediums. Students will be taught basic art skills and will use a sketchbook daily. Grades are based on sketches and projects. Emphasis on the idea that art is all around us everyday and art as a means of communication. *This class includes a \$10 course contribution.

STUDIO ART 2-D Design

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: Introduction to Art, Drawing & Painting
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This course is for the student interested in a studio experience in drawing and painting. Creativity and personal style are encouraged through guided experiences using a variety of mediums. Acrylic, watercolor, pastels, markers, and charcoal are some of the mediums available. *This class includes a \$10 course contribution.

BUSINESS AND COMPUTER

ACCOUNTING 1

Grade Level: 9-12	Credits: 1	College Credit: Yes	Fine Arts Credit: No	Prerequisite: None
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Accounting is the language of business. It is an essential part of every business institution and organization. This class is your chance to take away more knowledge about finance that is applicable to the real world. It can take you to the next level in business. This class is a structured class and many students love its connection to math, finance, and entrepreneurship. Any student interested in any aspect of business and/or planning to study business in college (such as accounting, business administration, marketing, economics, finance, management, and business administration) will need a strong background in accounting. Students should follow up this class with Accounting 2 for an even broader look at business activities and prepare for owning their own business or taking college business courses. Also, we have a fun workplace atmosphere! Join us. This is an Honors Course.

ACCOUNTING 2

Grade Level: 9-12	Credits: 1	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Accounting 1
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This class is a continuation of Accounting 1 and expands accounting concepts to include the accounting for larger corporations and covers paying employees and payroll taxes. This class is highly recommended for all accounting students, but especially for those interested in college business, finance, and marketing classes and those who are interested in owning their own business! If you want a well-rounded introduction to accounting for a business, we recommend you take both trimesters of accounting. Hope to see you there! This is an Honors Course.

BUSINESS MANAGEMENT

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Business Management covers many of the general topics important to any business or management position. We cover the functions of management, strategic planning, business analysis, operations, communication and decision-making, business ethics, human resources, etc.

COMPUTER APPLICATIONS

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Computer skills are used in nearly 100% of careers in the modern world. This course will cover basic computer topics such as using Google Suite, Microsoft Products, Internet Safety, and Artificial Intelligence. Join us and expand your skills while having fun exploring computer programs!

INTRODUCTION TO BUSINESS

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Take a tour through the world of business! Discover what you're most interested in while you uncover talents you can apply in the business world. Touch base with general business topics such as careers, management, communication, marketing, economics, human resources, finance, entrepreneurship, and more. Join us and find your place in business! *This is a project-based class.

INTRODUCTION TO MARKETING

Grade Level: 9-12	Credits: 1	College Credit: Yes	Fine Arts Credit: No	Prerequisite: None
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Marketing is everywhere! If you're interested in business and looking for an exciting introduction to the world of marketing, check us out! Topics and activities include creating a marketing plan, advertisements, online posts, logos, slogans, sales promotions, and much more. Students also participate in a social media marketing simulation that looks at social media statistics in order to create and post social media ads that generate sales. No prior business knowledge is needed. Our field trip to the Mall of America puts our new marketing knowledge to use too! We'd love to have you join us! This course could give you articulated college credit for 2 year schools and is an Honors Course.

PERSONAL FINANCE

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course equips students with the skills to make informed financial decisions throughout their lives. Topics include budgeting, saving, investing, credit management, taxes, and understanding financial risks. Students will learn how to manage money, plan for future expenses, and navigate real-world financial challenges with confidence. By the end of the course, students will have a solid foundation in financial literacy to help them achieve personal and professional financial goals.

START YOUR OWN BUSINESS (BizInnovator Program through University of Iowa)

Grade Level: 9-12	Credits: 1	College Credit: Yes	Fine Arts Credit: No	Prerequisite: None
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Start Your Own Business is an entrepreneurship class geared toward business Startups. What business could you start? We will look at how businesses start and how successful businesses continue to succeed. Students learn first hand how startups begin by identifying problems, gathering data, and generating viable business solutions. You will be able to investigate your own business ideas too! Course units are designed by the University of Iowa and students are eligible for 3 credits from the U of Iowa. This is an Honors Course.

VIDEO PRODUCTION

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None
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Have you ever watched a cool or inspiring video and wondered how it was made? This course will give you the tools and skills to shoot videos that are heads and shoulders above the majority of videos posted on YouTube! With a heavy emphasis placed on Adobe Premiere Pro editing software, the course will teach you the basics of video production: framing, lighting, sound, editing, effects, etc.

WORK EXPERIENCE

Grade Level: 12

Credits: 1-3

College Credit: No

Fine Arts Credit: No

Prerequisite: Steady Employment

This program is open to eligible seniors who desire developing occupational proficiency through community job experiences. An on-the-job training agreement is agreed upon between the school, the employer, the parent and the teacher. Students must be employed an average of ten hours per week. Students will be required to provide a pay stub on the first day of class. The classroom seminar meets once a week and students are released early to go to work. Attendance is required. Topics covered include: career planning, job seeking and keeping skills, job satisfaction, networking, social media, LinkedIn, child labor laws, job-related communication skills, and managing your income.

ENGLISH

ADVANCED PLACEMENT LANGUAGE AND COMPOSITION

Grade Level: 11

Credits: 2

College Credit: Yes

Fine Arts Credit: No

Prerequisite: Should be in the top 25% of class

This eleventh-grade course is great preparation for college-level thinking and writing skills. Students will read a variety of fiction and non-fiction works from American literature and examine a number of visual and multimedia texts (advertisements, political cartoons, films and documentaries, etc.) with a particular emphasis on argumentation and persuasion. Students will analyze how writers and speakers create arguments and craft texts.

Students will also practice writing in a variety of formats, will prepare for the AP Language and Composition exam, and will prepare for the reading, writing and English usage sections of common college aptitude assessments including the ACT and SAT assessments.

ADVANCED PLACEMENT LITERATURE AND COMPOSITION

Grade Level: 12

Credits: 2

College Credit: Yes

Fine Arts Credit: No

Prerequisite: Should be in the top 25% of class

This Advanced Placement course trains students to become skilled readers of literature written in a variety of styles. The intensive course also gives students the practice and helpful criticism necessary to make them flexible and capable writers. Through reading and writing, students should be able to communicate at a college freshman level.

ADVANCED PLACEMENT LITERATURE: EXTENDED READING & ANALYSIS

Grade Level: 12

Credits: 1

College Credit: Yes

Fine Arts Credit: No

Prerequisite: Completion of AP Literature (Part 1)

This course is optional for students enrolled in AP Literature during their senior year. Students will select 3-4 novels of literary merit and conduct deep analysis of theme, style, and literary significance. Course will focus on strengthening and expanding students' analytical skills while also improving their chances of passing/scoring well on the AP Literature Exam.

AMERICAN LITERATURE 11

Grade Level: 11	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course is a chronological study of American Literature throughout history. Students will read, analyze, and discuss a variety of short stories, nonfiction, novels, poetry and drama from American Literary time periods. Writing assignments will be related to assigned readings.

COMPOSITION 10

Grade Level: 10	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Students will further explore and deepen their understanding of why we write: to inform, persuade, and entertain. The assessments will provide students with opportunities to apply and improve writing skills, along with grammar, usage, and mechanics, which will be emphasized throughout the course.

COMPOSITION 11

Grade Level: 11	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Students will learn and practice skills and formats of writing. Writing projects will involve reading and analyzing literature, as well as research-based writing. The study and application of grammar, usage, and mechanics is emphasized throughout the course.

COMPOSITION 12

Grade Level: 12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Composition 12 focuses on the writing process: brainstorming, organizing, drafting, and revising. Students write a variety of essays applying different types of modes, including: definition, argumentative, and a culminating, researched major essay. Students study and implement narrative techniques into writing while reading the memoir *The Glass Castle*.

CREATIVE WRITING

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None
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This course is designed for students who are interested in gaining experience in creative writing. Students will explore different writing formats in poetry and fiction, and then practice writing in and melding personal styles with these existing formats/structures.

ENGLISH 9 (A & B)

Grade Level: 9	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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We will survey genres of literature including novels, short stories, and a play, as well as non-fiction pieces. We will also study writing structure/organization in order to convey ideas clearly in written assessments, presentations, and other more informal projects.

INTRODUCTION TO FILM

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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(In school,) ARE YOU NOT ENTERTAINED?!?!? Then you should **watch more movies in class!** (bonus: name the film from which the above quote is heard). In this course, students will learn about the film techniques that directors, writers, cinematographers, foley walkers, sound technicians, and actors use to create their films as visual literature! After taking this class, students will have a new appreciation for the art of cinema, and will know the tricks to understand how movies work and create meaning. Students will also get a chance to create and practice some of those techniques for themselves! To understand the context for this creation, students will study a variety of genres from the different eras of film, as well as the techniques used to create within them. Genres covered are (but are not limited to): Classic Hollywood Cinema; The Western; Film Noir; Fantasy; Science Fiction; Social Thriller / Horror; Foreign film; Independent cinema; Documentary; Surrealism; Satire; etc. Sign up to experience cinematic greatness!

INTRODUCTION TO YEARBOOK

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None
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In this class, students help to complete the WHS yearbook. Students help finish the book's layouts, learn how to write photo captions, practice elements of graphic design, and learn basic photojournalism skills. All class members will contribute to the production of the yearbook, and on-time completion of assignments is a minimum expectation.

LITERATURE STUDIES 10

Grade Level: 10	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course will explore a variety of themes and motifs represented within the content, such as identity, adversity, and the relevancy of content to student life. The assessments will provide students the opportunity to demonstrate their understanding of the reading, analyzing, discussing, and tracing of specific themes and central ideas through the multiple forms of literature and communicative arts.

PRE-ADVANCED PLACEMENT ENGLISH 9 (A & B)

Grade Level: 9	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: Should be in the top 25% of class
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This course is strongly recommended, but not required, as a prerequisite to Pre-AP English 10A and 10B, AP Language, and AP Literature. To prepare for these upper-level classes, we will practice close reading and critical analysis of both literature and non-fiction to understand the way writers use language to make and convey meaning. We will also study vocabulary, grammar, syntax, and style as a means of refining our writing. Emphasis will be placed on the writing process, which will include both in-class essays and essays involving a revision process with multiple drafts, as well as creative writing.

PRE-ADVANCED PLACEMENT ENGLISH 10 (A & B)				
Grade Level: 10	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: Should be in the top 25% of class
<p>This course is strongly recommended, but not required, as a prerequisite for AP Language and Composition and AP Literature and Composition. Reading for a Pre-AP English 10 student may include some of the twentieth century works of English 10, but students should expect a more rigorous expectation of an understanding and appreciation for the structures, themes, and literary devices associated with more classical works as well. Emphasis will be placed on a more extensive knowledge of the research process associated with the writing of both fiction and nonfiction. There will be an equal emphasis on not only a comprehension of the written word but also an understanding of word elements (phrases, clauses, sentence structure, rhetorical devices) and how they can make the English language work. Test taking practices will be rehearsed frequently.</p>				

SMSU COLLEGE ACADEMIC WRITING				
Grade Level: 12	Credits: 1	College Credit: Yes	Fine Arts Credit: No	Prerequisite: 3.0 or higher gpa, top ½ of class
<p>Southwest Minnesota State University and Waconia High School have teamed to offer College Academic Writing. Successful completion of this course will not only fulfill your high school senior composition requirement, but also awards 4 college credits in the MNSCU transfer curriculum. This course will enable students to determine a writing purpose, generate ideas to support a topic, determine an audience, develop a focus, and organize a written text, beginning with more personal, or reflective, writing and moving on to expository writing and argument. At least three of the papers will involve a research component through which students begin to learn the conventions of citation and documentation. Furthermore, the class will enable students to learn how purpose and audience affect the content, language, and form of a written text. This course fulfills the senior level composition requirement. Students must have a GPA of 3.0 or above in order to enroll in this course.</p>				

SMSU COLLEGE LITERATURE: GLOBAL PERSPECTIVE				
Grade Level: 12	Credits: 1	College Credit: Yes	Fine Arts Credit: No	Prerequisite: 3.0 or higher gpa, top ½ of class
<p>This course is a study of works past and present that explore both the nature of humanity and humanity's relation to the world. The course will introduce students to literature from primarily outside the United States to enable cross-cultural comparison. Students will demonstrate the ability to read complex texts; will demonstrate the ability to comprehend both traditional and contemporary methods of critical theory and apply them to literary texts; will demonstrate familiarity with a variety of world literature. Successful completion of this course will award 3 college credits in the MNSCU transfer curriculum. Students must have a GPA of 3.0 or above in order to enroll in this course.</p>				

SPEECH				
Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>Students prepare and deliver speeches to inform, entertain or persuade. Instruction is given in controlling nervousness, speaking from notes, organizing information, and using library resources.</p>				

TEEN LITERATURE

Grade Level: 9- 12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Do you love to read but just don't have the time? Teen Lit creates the time for you to read what you want to read. In this class, you'll find ways to access the most current lit and be a part of a community that loves reading as much as you do. Worried about your reading speed or the workload of taking another English class? Don't be. Reading speed doesn't matter, and the majority of class time is spent reading. Homework is practically non-existent.

THEMES IN LITERATURE 11

Grade Level: 11	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course will explore a variety of themes and motifs represented within the content, such as destiny, nostalgia, and hope. Students will read, analyze, discuss, and trace specific themes and central ideas throughout multiple forms of literature and communicative arts. Writing assignments and projects will be related to the assigned readings.

THEMES IN LITERATURE 12

Grade Level: 12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course will explore a variety of themes represented in literature, such as morality, justice, and human rights / liberty. Students will read, analyze, discuss, and trace specific themes and central ideas in multiple forms of literature and communicative arts. Writing assignments and projects will be related to the assigned readings.

YEARBOOK 2

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: Intro to Yearbook
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Students in this class create and design the WHS yearbook. Students will determine the book's theme, design page layouts, and design the book's cover. They will further develop skills in graphic design, page layout, and photo journalism. **This course may be repeated for credit or may be taken as an independent study course with teacher approval.**

FAMILY & CONSUMER SCIENCE

*Some FACS classes include a contribution. Please see individual description for more information.

ADULTING 101: PERSONAL REFLECTION AND DEVELOPMENT

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Learn and practice the skills you need to be the best version of yourself in this student-centered hands-on course. Students enrolled in Personal & Life Skill Development will be introduced to new topics weekly and reflect on careers that will support their goals and visions for the future. Additionally, students will research and practice hobbies through DIY (do-it-yourself) projects, eating well on a budget (students cook weekly!), and self reflection through guided picture journal creation. If you are a project-based learner and prefer to choose your own adventure, this is your class. *This class includes a \$20 course contribution.

CHILD DEVELOPMENT, FAMILIES, AND PARENTING

Grade Level: 11-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course examines decisions involved in planning for a family and the responsibilities that go along with parenthood. By course end, students will be able to describe a child's physical, social, emotional and intellectual development through age three. Additionally, reflections on personal development through your school years and the impact of your own family will be highlighted. *This class includes a \$15 course contribution.

CULINARY FOODS 1: BASICS OF FOOD PREPARATION

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Culinary Foods 1 is an elective course. This course will introduce students to a variety of skills and basic foods used in the culinary world. Students will develop a clearer understanding of food and nutrition while participating in hands-on lab activities and research projects related to the individual food groups. *This class includes a \$25 course contribution.

CULINARY FOODS 2: BAKING AND PASTRIES

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Culinary Foods 1
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Culinary Foods 2 is an extension of skills learned in Culinary Foods 1. The course focuses on the science of baking and pastry arts. Students will learn about careers in baking and pastries, ingredients and equipment used in a bake shop, and how recipes can be modified to benefit special diets. Units covered: Flours and Sugars, Quick Breads, Yeast Breads, Cakes, Cookies, and Specialty Desserts. *This class includes a \$25 course contribution.

FASHION DESIGN

Grade Level: 9-12

Credits: 1

College Credit: No

Fine Arts Credit: Yes

Prerequisite: None

Students in Fashion Design I will gain art credit by learning and applying the elements and principles of design through the lens of fashion. This course will increase students' awareness and understanding of career opportunities related to fashion merchandising and design. Fashion Design I is an exciting course that will meet the needs of students who desire to learn about the fashion industry and the wonderful world of fashion.

GLOBAL AND CULTURAL CUISINE

Grade Level: 10-12

Credits: 1

College Credit: No

Fine Arts Credit: No

Prerequisite: Culinary Foods 1 & 2

This course is designed for the advanced culinary student. Study of ethnic and regional foods will provide opportunities to learn the customs, cooking techniques, special ingredients, and equipment of a variety of cultures. In this course, students will learn how the selection and preparation of foods are influenced by cultural heritage, lifestyle, and global region. Foods will be prepared using a variety of cooking techniques while exploring the influences of international cuisines on our eating habits. *This class includes a \$25 course contribution.

HUMAN RELATIONSHIPS

Grade Level: 10-12

Credits: 1

College Credit: No

Fine Arts Credit: No

Prerequisite: None

If your career choice is in the area of social work, psychology, sociology, education, or business, this course will provide you with valuable insight. Students will study human interaction through personal self reflection and open dialogue in the classroom setting. Human Relationships explores personal relationships and skills to help prepare you for your future family, social, and career roles. Help yourself to gain successful and positive relationship skills by taking an interest in your future now. Topics of study include:

Self esteem, self concept, & self assessment, communication, conflict resolution, love, dating, & marriage, families, stress, mental health, happiness and grief.

INTERIOR DESIGN

Grade Level: 9-12

Credits: 1

College Credit: No

Fine Arts Credit: Yes

Prerequisite: None

Interior Design focuses on the *History of Design* and the *Elements of Design: Line, Light, Shape, Form, Space, Color, and Texture*. Students will develop their unique design styles through digital and hand drawn projects including the creation of mood boards, floor plans, and portfolio development. They will also study historical time periods in architecture and design through weekly furniture and designer research experiences. Other topics covered: hand rendering, professional lettering techniques, housing concerns and styles, and field trip opportunities. *This class includes a \$15 course contribution.

INTERIOR DESIGN 2				
Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: Interior Design 1
<p>Students enrolled in Interior Design 2 will further develop skills learned in Interior Design 1. This course is studio based with varied hands-on design scenario challenges throughout the trimester. Students can look forward to architectural sketching, design projects, home accessory DIY days, model building, and more. If you took Interior Design and just didn't want it to end, join us for this extension to expand your portfolio. *This class includes a \$20 course contribution.</p>				

HEALTH AND DRIVERS EDUCATION

DRIVERS EDUCATION				
Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>Students will receive classroom driver education necessary to complete the Minnesota driver's test and obtain a driver's permit. This course exceeds the state requirements for Classroom Driver's Education and is intended to help the student become a more capable driver by understanding those factors which influence decision making. The student is responsible for arranging the behind-the-wheel education either after school, on weekends or during the summer. This course does not meet the PE and Health requirements for graduation.</p>				

HEALTH				
Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>This required course includes discussion of physical, emotional, social and personal health. This class takes a more comprehensive look at the following units:</p> <ul style="list-style-type: none"> ● Mental and Emotional Health ● Family and Social Issues <ul style="list-style-type: none"> ○ Violence Prevention ○ Relationships ○ Human Development ○ Reproductive System ○ Endocrine System ● STI's ● Nutrition ● Alcohol, Tobacco, and other Drugs <p>This course is recommended for students in grade 9 or 10.</p>				

HEALTH CAREERS INVESTIGATION

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Students have the opportunity in this course to investigate and learn about careers related to the healthcare industry. Being a doctor or nurse are not your only career options in health care. This course will provide an opportunity to explore over 30 health-related careers through classroom speakers and visits to health care providers and job shadowing opportunities. Students interested in pursuing a possible health career would find this experience valuable and informative. **This course does not meet the PE and Health requirements for graduation.**

INDUSTRIAL TECHNOLOGY

*Some Industrial Technology classes include a contribution.
Please see individual description for more information.

AUTO MAINTENANCE

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Students will learn the principles and parts of the automobile engine, chassis, drive trains and body. This is an introductory maintenance class, not an advanced automotive mechanics course. Students will perform routine maintenance and repairs on their own vehicle. This course will explore and provide experiences for a variety of career possibilities. There will be several hands-on competitions. *This class includes a \$20 course contribution.

CABINETRY AND FURNITURE MAKING

Grade Level: 10-12	Credits: 2	College Credit: No	Fine Arts Credits: 2	Prerequisite: Wood Technology or Permission
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This course gives students an opportunity to construct quality furniture of their own choice. Along with project construction study will include: skill in the operating of woodworking machines, advanced techniques in construction, finishes, plastics and computer calculations. Project examples: desk, cedar chest, gun chest, gun cabinet, vanity, kitchen cabinets. *There is a contribution for this course. Cost will vary based on individual projects.

ELECTRICITY/ ELECTRONICS

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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The Electricity unit is designed to give students a background in residential wiring through the use of scaled examples and lab activities. Electronics unit will cover the principles of basic electronics. Students will assemble and use lab activities to understand the basic principles of electronics such as: magnetism, circuits, transistors, and integrated circuits. *This class includes a \$40 course contribution.

ENTREPRENEURSHIP

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Students will learn the challenges of starting and running a business as they set up their own company for production of a product(s) for sale to earn money as they learn. Students will have experience with company structure, finances, marketing, and personnel management. Students will invest in their own company and investments will vary.

INTRODUCTION TO CONSTRUCTION

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Students will be introduced to the construction field with the main emphasis on residential construction. The focus will be to provide students with basic information and skills in the construction field. Learning will include class work, visual demonstrations and project experience. Students will have a basic experience to help them continue their education in the construction field or a Technical/Trade College program. The class is designed to help students become more employable in the construction field.

INTRODUCTION TO METALS

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course is designed to develop introductory skills in arc and gas welding, lathe operations, CNC and sheet metal fabrication as related to metal production. Each student will construct a variety of projects in each area. *This class includes a \$40 course contribution.

INTRODUCTION TO WOODS

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course gives an introduction to woodworking machine skill and safety. Wood materials and processes in construction will be studied while students build a simple wood project using basic construction methods. *This class includes a \$50 course contribution.

METALS TECHNOLOGY

Grade Level: 10-12	Credits: 2	College Credit: No	Fine Arts Credits: 2	Prerequisite: Introduction to Metals or Permission
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Each student will construct several required and self-selected projects using advanced metalworking processes. Specialized areas will include computer aided machining, and mill lathe, thermo plasma cutter, mig welding, arc and gas welding. Approximately 70-80% of the class is hands-on. *This class includes a \$40 course contribution for Part A. The contribution for Part B varies based on individual projects.

SMALL ENGINES

Grade Level: 9-12

Credits: 1

College Credit: No

Fine Arts Credit: No

Prerequisite: None

Small engines theories of operation, tools and repair procedures will be covered giving students basic knowledge of 2 and 4 stroke cycle engines. Approximately 60%-70% of the class is hands-on repairing and working in the lab. The study of power includes the study of simple machines, hydraulics, and transmissions. *This class includes a \$20 course contribution.

WOODWORKING TECHNOLOGY

Grade Level: 9-12

Credits: 1

College Credit: No

Fine Arts Credit: No

Prerequisite: None

This class gives students an opportunity to construct a medium size wood project. Students will develop skill in operating woodworking machines, use materials, and techniques in construction of a quality wood cabinet. *This class includes a \$125 course contribution.

Interested in a career in science, math, technology, or engineering? Check out
Project Lead the Way course offerings in this registration guide.

7 Required Math Classes

Here is the order of math classes at WHS:

- 2 credits of **Intermediate Algebra (A&B)** [high school level]
(followed by)
 - 2 credits of **Geometry (A&B)**
(followed by)
 - 2 credits of **Algebra 2 (A&B)**
(and)
 - **Statistics** taken anytime after Intermediate Algebra (A&B)
note: AP Statistics may substitute for Statistics

7 credits of math must be taken at the high school.

Where a student begins math at the high school depends on which math classes were taken in middle school. For example: some students will complete Intermediate Algebra (A&B) [high school level] while in 8th grade. These students will not repeat Intermediate Algebra in 9th grade. Rather, they will begin with Geometry and will take 7 total credits at the high school.

Here is the order of math classes for these students:

- 2 credits of **Geometry (A&B)**
(followed by)
 - 2 credits of **Algebra 2 (A&B)**
(followed by)
 - 1 credit **Trigonometry** and 1 credit **Precalculus**
(and)
 - **Statistics** taken anytime after Intermediate Algebra (A&B)
note: AP Statistics may substitute for Statistics

MATHEMATICS

ADVANCED PLACEMENT CALCULUS AB

Grade Level: 10-12	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Precalculus and Trigonometry
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This is a college level course. Students may take an advanced placement test for possible college credit. Topics include differentiation, methods of integration, essential theory and important applications of calculus in such fields as physics, economics and biology. This course is roughly equivalent to college Calculus I.

ADVANCED PLACEMENT CALCULUS BC

Grade Level: 10-12	Credits: 3	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Precalculus and Trigonometry
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This is a college level course. Students may take an advanced placement test for possible college credit. Topics include differentiation, methods of integration, essential theory, parametric equations, arc length, vectors, power, Taylor and Maclaurin series, and important applications of calculus in such fields as physics, economics, and biology. This course is roughly equivalent to college Calculus I and Calculus II.

ADVANCED PLACEMENT STATISTICS (A & B)

Grade Level: 10-12	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Algebra 2
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This is a college level course that is a more rigorous option than Statistics. Students may take an advanced placement test for possible college credit. Students will learn about exploring data, sampling and experimental design, anticipating patterns, and statistical inference. This course is an advanced level course that is the equivalent of a Statistics 1 course in college. The pace is that of a college course.

ALGEBRA 2 (A & B)

Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: Geometry
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This course includes the study of linear functions and systems, absolute value functions, quadratic functions, polynomial functions, exponential functions, logarithmic functions, radical and rational functions, trigonometric functions, and transformations of functions.

CALCULUS (A & B)

Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: Precalculus and Trigonometry
Relationships of limits, rates, areas and volumes will be explored in Calculus. Derivatives and integrals will be the main tools used to explore these topics.				

GEOMETRY (A & B)				
Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: Intermediate Algebra
This course includes the study of parallel and perpendicular lines, triangles, quadrilaterals, polygons, circles, right triangle trigonometry, and transformations.				

INTERMEDIATE ALGEBRA (A & B)				
Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: None
This course is a study beyond linear topics in Algebra. Topics in this course will include systems of inequalities, linear programming, exponent laws, polynomial arithmetic and factoring. Quadratic, exponential, radical and rational functions will also be studied.				

PRECALCULUS				
Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Algebra 2
This course is designed to provide the mathematical background that high school students need for calculus. Topics include polynomial, rational, exponential, and logarithmic functions and their graphs. Matrices and conic sections will also be studied. This is a high level, elective course and will be run as such. It is expected that students have mastered the concepts from all prerequisite courses, and it is recommended that students have earned at least a "C" average in those courses.				

SMSU COLLEGE ALGEBRA

Grade Level: 10-12	Credits: 1	College Credit: Yes	Fine Arts Credit: No	Prerequisite: See description below
<p>Southwest Minnesota State University and Waconia High School have teamed to offer College Algebra. Successful completion of this course will award 3 college credits in the MNSCU transfer curriculum. This course is a study of the fundamental concepts of Algebra. Topics include: equations and inequalities, polynomial, rational, exponential, and logarithmic functions and their graphs and systems of linear equations.</p> <p>Seniors - need to have a 3.0 GPA or above and be in the top half of their graduating class*</p> <p>Juniors - need to have a 3.0 GPA or above and be in the top third of their graduating class*</p> <p>Sophomores - need to be in the top 10% of their graduating class and have scored in the 90th percentile on a nationally standardized test. Transcripts and test scores must be sent to the College Now Office to verify sophomore eligibility.</p> <p>*Note: Test scores from a nationally standardized test can be used to replace class rank if needed. Students will still be required to meet the 3.0 GPA to go along with their test scores. Seniors need to score in the 50th percentile and juniors need to score in the 70th percentile.</p> <p>* If a student does not meet requirements, they may appeal to SMSU. With appeal approval, students may take the course.</p>				

STATISTICS				
Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Intermediate Algebra
<p>This course includes the study of data classification, experimental design, descriptive statistics, basic probability rules and probability distributions.</p>				

TRIGONOMETRY				
Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Algebra 2
<p>This course reviews right triangle trigonometry and studies sine, cosine, and tangent functions, as well as their reciprocal and inverse functions. Students will analyze periodic graphs, solve trigonometric equations, and prove and apply trigonometric identities. This is a high level, elective course and will be run as such. It is expected that students have mastered the concepts from all prerequisite courses, and it is recommended that students have earned at least a "C" average in those courses.</p>				

MUSIC

SOPRANO/ALTO CHOIR				
Grade Level: 10	Credits: 1.5	College Credit: No	Fine Arts Credit: Yes	Prerequisite: By Audition
<p>This choir will meet every other day all year long during the same period as Symphonic Band. Cantabile Soprano/Alto Choir is an advanced vocal ensemble for Soprano/Alto voices. Cantabile membership requires an advanced level of musical literacy and command of the vocal instrument. Students can expect to be challenged musically, intellectually, and interpersonally through participation in Cantabile Soprano/Alto Choir. Attendance at all concerts and performances is mandatory. The Cantabile Soprano/Alto Choir will focus on:</p> <ol style="list-style-type: none"> 1. Vocal technique including: breath support, vowel formation, diction, phrasing and vocal freedom 2. Advanced music literacy including: advanced music theory and sight-reading, as well as melodic and rhythmic dictation 3. Choral tone and blend 4. The preparation of challenging music 5. Concert, contest and festival preparation <p>*It is encouraged that students sign up for all 3 trimesters of this class.</p>				

CONCERT BAND				
Grade Level: 10-12	Credits: 3	College Credit: No	Fine Arts Credit: Yes	Prerequisite: By Audition
<p>This band will meet every day all year long during the same period as Concert Choir. Selection to Concert Band will be used on audition results and instrumentation requirements. Concert Band is for instrumentalists in grades 10-12. This performance class will place emphasis on the development of basic musicianship (tone quality, rhythmic execution and understanding, balance and blend, technique and goal oriented behavior and attitude). Music in a variety of styles will be taught and performed. Concert performances are included on the school calendar and can also be found on the band website and syllabus. Grading is based on individual practice, play tests, written tests, daily performance grades, and lesson preparation. Expectations include a desire to learn and improve on an instrument, a positive attitude, self-discipline, and cooperation. In- class lessons and attendance at all public performances are required. *It is encouraged that students sign up for all 3 trimesters of this class.</p>				

CONCERT CHOIR				
Grade Level: 10-12	Credits: 3	College Credit: No	Fine Arts Credit: Yes	Prerequisite: By Audition
<p>This choir will meet every day all year long during the same period as Concert Band. Concert Choir is our advanced mixed choir consisting of primarily 11-12 graders. Students must be proficient in their musical literacy and have an advanced level of control over the instrument. Attendance at all concerts and performances are mandatory. The Concert Choir will focus on:</p> <ol style="list-style-type: none"> 1. Vocal technique including: breath support, vowel formation, diction, phrasing and vocal freedom 2. Advanced music Literacy including: advanced music theory and sight-reading, as well as melodic and rhythmic dictation 3. Choral tone and blend 4. The preparation of challenging music 5. Concert, contest and festival preparation 6. Tour preparation <p>*It is encouraged that students sign up for all 3 trimesters of this class.</p>				

MUSIC APPRECIATION				
Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None

Music is a part of everyday life. This course will introduce students to the varying styles and musical eras of western music from the medieval period to modern times. Through exposure to our musical history we will discover ways to expand our enjoyment of music. Students will develop listening skills to help in distinguishing quality performances as well as knowledge about choosing quality recordings or attending the best concerts. This course is designed for all students of all musical abilities.

MUSIC THEORY

Grade Level: 11-12	Credits: 1	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None
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This course is designed for the student who is interested in expanding his/her knowledge of the written aspects of music, including harmonic structure. The course includes the study of all the fundamentals of music theory and the development of listening skills. Students who are interested in studying music in college will find this course particularly helpful.

SELECT CHAMBER CHOIR

Grade Level: 10-12	Credits: 3	College Credit: No	Fine Arts Credit: Yes	Prerequisite: By Audition
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This choir will meet every day all year long, during the same period as Wind Ensemble. The Select Chamber Choir is the most advanced vocal ensemble offered at Waconia High School. The Select Chamber Choir membership requires an advanced level of musical literacy and command of the vocal instrument. Students can expect to be challenged musically, intellectually, and interpersonally through participation in the Select Chamber Choir. Attendance at all concerts and performances is mandatory. The Select Chamber Choir will focus on:

1. Vocal technique including: breath support, vowel formation, diction, phrasing, and vocal freedom
2. Advanced music literacy including: advanced music theory and sight-reading, as well as melodic and rhythmic dictation
3. Choral tone and blend
4. The preparation of challenging music
5. Concert, contest and festival preparation

*It is encouraged that students sign up for all 3 trimesters of this class.

SYMPHONIC BAND

Grade Level: 10	Credits: 1.5	College Credit: No	Fine Arts Credit: Yes	Prerequisite: By Audition
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This band will meet every other day all year long during the same period as the Cantabile Women's Choir. Symphonic Band is predominantly for instrumentalists in grade 10. This performance class will place emphasis on the development of basic musicianship (tone quality, rhythmic execution and understanding, balance and blend, technique and goal oriented behavior and attitude). Music in a variety of styles will be taught and performed. Grading is based on individual practice, play tests, written tests, daily performance grades, and lesson preparation. Expectations include a desire to learn and improve on an instrument, a positive attitude, self-discipline, and cooperation. In-class lessons and attendance at all public performances are required.

*It is encouraged that students sign up for all 3 trimesters of this class.

VARSITY BAND

Grade Level: 9	Credits: 1.5	College Credit: No	Fine Arts Credit: Yes	Prerequisite: None
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This band will meet every other day all year long during the same period as the Varsity Choir.

Varsity Band will place emphasis on basic scales, rhythms, and tone quality. Tone quality and good rehearsal techniques will be stressed. Music in a variety of styles will be taught and performed. Grading is based on play tests, written tests, and rehearsal technique. Expectations include a desire to learn and improve on an instrument, a positive attitude, self-discipline, and cooperation. In-class lessons and attendance at all public performances are required.

*It is encouraged that students sign up for all 3 trimesters of this class.

VARSITY CHOIR

Grade Level: 9

Credits: 1.5

College Credit: No

Fine Arts Credit: Yes

Prerequisite: None

This choir will meet every other day all year long during the same period as Varsity Band.

Varsity Choir is our entry-level choir at Waconia High School. Membership consists primarily of 9th graders but all singers are welcome. Attendance at all concerts and performances is mandatory. In the Varsity choir we will primarily focus on:

1. Vocal Technique including: breath support, vowel formation, diction, phrasing and vocal freedom
2. Music Literacy including: basic music theory and sight-reading
3. Concert Preparation

*It is encouraged that students sign up for all 3 trimesters of this class.

WIND ENSEMBLE

Grade Level: 10-12

Credits: 3

College Credit: No

Fine Arts Credit: Yes

Prerequisite: By Audition

This band will meet every day all year long during the same period as the Select Chamber Choir. Membership of this group includes 10th – 12th grade students that are accepted upon auditioning the previous spring. This ensemble rehearses each school day throughout the year, performing in concerts during each trimester, Region 2AA Large Group Contest, and other events. Concert performances are included on the school calendar and can also be found on the band website and syllabus. In addition to furthering technical abilities as individual musicians, great emphasis is placed on creating a unified musical expression by the entire ensemble. A variety of repertoire will be explored, in addition to relevant theoretical and historical concepts and information. Participation in private lessons is strongly encouraged, but not required of students wishing to be members of Wind Ensemble.

*It is encouraged that students sign up for all 3 trimesters of this class.

PHYSICAL EDUCATION

Note: Students may not repeat PE classes unless prior approval is received from the school administration.

ADVANCED TEAM SPORTS

Grade Level: 11-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Team Sports
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This course is a continuation of Team Sports. Activity units will be extended with an emphasis on advanced skills, content knowledge, competition, and team strategies. Extended units may include: football, volleyball, basketball, softball, ultimate frisbee, soccer, and team handball. Students are expected to wear physical activity attire for class every day while also following WHS school handbook expectations.

ADVANCED WEIGHTS III

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Weights 1 & Weights 2
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Weights III is an advanced training model for those students who have completed Weights I/II. Course Description: Advanced Weight Training is an extremely high intensity course designed to meet the needs of highly motivated students. Students will be required to train 5 days per week utilizing advanced and innovative training models to promote peak performance, strength and endurance.

FOUNDATIONS OF FITNESS

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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Students will participate in activities that address their fitness needs and increase competencies for lifelong participation. Major class emphasis is on a personal commitment to wellness, fitness for enjoyment, and fitness as a lifetime activity. Students are expected to wear physical activity attire for class every day while also following WHS school handbook expectations. **This required course is recommended for students in grade 9 or 10.**

INDIVIDUAL/DUAL ACTIVITIES

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Foundations of Fitness
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Students will participate in individual and dual recreational activities that are geared toward lifetime involvement and fitness. Activities may include: badminton, handball, pickleball, basketball (two-on-two/three-on-three), nitroball, spikeball, and swimming. Students are expected to wear physical activity attire for class every day while also following WHS school handbook expectations.

INTRO TO SPORTS OFFICIATING

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course contains web-based instructional models, combined with interactives and activities to understand the mechanics and philosophy of officiating with the support and guidance of one of our staff members. Students will have the opportunity to be certified in 2 different sports. This course will be offered in the 1st trimester. All students will become certified in basketball and can choose between baseball and softball for their 2nd certification. Students will put what they learned into action by participating in practice/scrimmage settings (similar to a micro-internship.) The cost for this course and earning 2 certifications is \$90. These certifications will allow you to be a paid official and/or umpire. Scholarships may be available. If you accept the scholarship, you will be required to work events for community education to pay for your certifications. **This course does meet one of your PE requirements.**

RECREATION ACTIVITIES

Grade Level: 11-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Foundations of Fitness
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In this class, students will participate in fall and spring life-long physical activities in an outdoor environment. Students will understand the basic rules and skills applied to each activity, and know how to apply safety procedures related to self and others in an outdoor setting. Students will be traveling to various places off campus. Activities may include: bicycling, archery, disc golf, SUP, kayaking, driving range, bowling, rock climbing, and swimming. Students are expected to wear physical activity attire for class every day while also following WHS school handbook expectations.

TEAM SPORTS

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Foundations of Fitness
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Students will participate in team activities that are geared toward lifetime involvement and fitness. Activities may include: flag football, volleyball, basketball, soccer, and softball. Students are expected to wear physical activity attire for class every day while also following WHS school handbook expectations.

TOTAL FITNESS

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Foundations of Fitness
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Looking to level up your fitness, boost your health, strength and energy? Sign up for Total Fitness. You will get full body workouts of strength, Cardio, and Flexibility through various forms of exercise such as: Yoga, Pilates, Balance Ball, and Total Body Sculpt. Train with classmates and enjoy the power of teamwork to keep you motivated and on track to reach those fitness goals. Students are expected to wear physical activity attire for class everyday while also following the WHS school handbook expectations.

WEIGHT TRAINING 1

Grade Level: 9-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Foundations of Fitness
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Students will be guided through the latest and safest techniques available in lifting. Each student will gather information through lectures, demonstrations, and computer programs so that he/she is capable of designing a safe and sound, functional and time efficient personalized fitness program with an emphasis on weight training. Grades will be based on a written fitness plan, design of an individualized weight training program, record keeping and participation, and attendance. Students are expected to wear physical activity attire for class every day while also following WHS school handbook expectations.

WEIGHT TRAINING 2				
Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Weight Training 1 or Foundations of Fitness with strength training emphasis is required.
<p>This class is designed for the more experienced weight trainer who has already developed a personal workout program and wants to continue it. Emphasis is on cross training/total body workouts that are completed on a weekly basis. Students are expected to wear physical activity attire for class every day while also following WHS school handbook expectations.</p>				

PROJECT LEAD THE WAY

CIVIL ENGINEERING AND ARCHITECTURE (CEA)				
Grade Level: 11-12	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: None
<p>Students learn about various aspects of civil engineering and architecture and apply their knowledge to the design and development of residential and commercial properties and structures. In addition, students use 3D design software to design and document solutions for major course projects. Students communicate and present solutions to their peers and members of a professional community of engineers and architects.</p>				

COMPUTER INTEGRATED MANUFACTURING (CIM)				
Grade Level: 10-12	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: None
<p>Want to learn up close how things are made? Is the process for making a water bottle the same as a musical instrument? How are assembly lines designed and automated? Through your growing knowledge of the history, principles, and processes of manufacturing, you will design and build your own automated manufacturing system, factoring in safety, quality, cost, and efficiency. Use technologies in your projects that have revolutionized manufacturing: computer modeling, Computer Numeric Control (CNC) technology, Computer Aided Manufacturing (CAM) software, robotics, and flexible manufacturing systems.</p> <p>CIM is one of the specialized courses in the Project Lead The Way (PLTW) "Pathway to Engineering" course sequence. Prior completion of the PLTW POE and IED foundation courses is strongly recommended, though not required, for enrollment in CIM. Students interested in the science, engineering, manufacturing, and other hands-on career areas should take this course.</p>				

ENGINEERING DESIGN AND DEVELOPMENT (EDD)				
Grade Level: 11-12	Credits: 2-3	College Credit: Yes	Fine Arts Credit: No	Prerequisite: None
<p>This high level project-based class is designed to engage students in real world learning, and the application of real world design processes. Students will work individually or in small teams to identify, analyze, and provide solutions to engineering issues that exist today in our world. A goal will be to submit their solution for scholarships, internships, college acceptance, and entrance into career paths.</p>				

INTRODUCTION TO ENGINEERING DESIGN (IED)

Grade Level: 9-12	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: None
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Intro to Engineering Design was specifically developed for students who are interested in pursuing a career in engineering. This hands-on course will challenge students to solve engineering design problems using Auto Inventor, a three-dimensional computer modeling software program. Students will be exposed to design processes and research methods used by engineers to create product models, and will be challenged to document their work and communicate solutions to peers.

ADVANCED PRINCIPLES OF ENGINEERING

Grade Level: 9-12	Credits: 2	College Credit: yes	Fine Arts Credit: No	Prerequisite: comfortable & confident with math
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NEW and UPDATED topics! Advanced Principles of Engineering (POE) is part of the Project Lead the Way (PLTW) nationwide program, which aims to inspire and prepare students for careers in engineering and related fields. The POE course introduces students to engineering by engaging them in hands-on, project-based activities that emphasize problem-solving, critical thinking, and teamwork. New topics include mechanical design, application of robotics, energy in action, designing infrastructure, and developing sustainability. Students will utilize various engineering tools including 3D model software and printers, VEX V5 robotics equipment, hydraulic systems, and more. Students are eligible for post-secondary credit through our university affiliates.

SCIENCE

ADVANCED PLACEMENT BIOLOGY

Grade Level: 10-12	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: None
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This is an Advanced Placement (AP) course designed at the college level. Topics/Concepts included are: Biochemistry, Cellular Biology, Energy Systems, Genetics, Evolution, Plants, Human Body Systems, and Ecology. Lectures, text readings, and college-level lab experiments are utilized to understand the concepts of biology. Chemistry and/or Anatomy and Physiology are also helpful prerequisites, but not required. This is a college level course that meets the grade 10 Biology requirement.

ADVANCED PLACEMENT CHEMISTRY

Grade Level: 11-12	Credits: 3	College Credit: Yes	Fine Arts Credit: No	Prerequisite: This is an alternative path to regular chemistry and is meant for students that will need chemistry for their college major.
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If you need chemistry for your major in college (medical fields, science fields, etc.), then taking AP chemistry is a great idea. We will cover all the topics that are covered in the first year of college chemistry, but it will be an easier pace, with fewer students, and we'll try to have some fun. AP chemistry covers the chemistry/physics requirement for graduation. Testing out of some college classes is possible, but at least everything you see in your college class should be a review. Students in this course will attain a depth of understanding of

fundamentals and a reasonable competence in dealing with chemical problems. The third trimester will finish up major ideas and review for the AP test. After the test we will focus on learning some basics of organic chemistry. Topics include: atomic structure, quantum mechanics, stoichiometry, concentrations, thermochemistry, equilibrium, kinetics, nuclear chemistry, and organic chemistry.

ANATOMY AND PHYSIOLOGY

Grade Level: 10-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: 9th grade science
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Most individuals are very curious about how their body works; it's one of the greatest mysteries of the world! This course explores the marvels of how the human body is put together and how it functions; for example, 'What does a blood pressure reading mean?', 'Are cracking your knuckles bad for you?', 'What is myopia?', and 'What is the difference between the common cold and the flu?' Questions like these are designed for students who wish to better understand the human body, as well as those anticipating a biological or medical-related career. The body systems studied include: skeletal, muscular, nervous, circulatory, cardiovascular, digestive, respiratory, and urinary. Laboratory activities & projects (ex. bone & muscle identification, reflex testing, blood typing, EKG's, urinalysis testing, dissections of the eye, heart, and CAT), case studies, lecture, field trips to Ridgeview Medical Center, guest speakers, medical websites, LabQuest hand-held devices that measure medical data, and videos will be used to demonstrate the structure & function of the human body.

BIOLOGICAL SYSTEMS

Grade Level: 10	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Earth and Human Interaction, Earth Systems and Cycles, Space and Solar System Science
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This course investigates the macro-understanding of the biological world. Topics covered include plants, animals, animal body systems, behavior, ecology, and pig dissection.

CELLULAR BIOLOGY

Grade Level: 10	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Earth and Human Interaction, Earth Systems and Cycles, Space and Solar System Science
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This course will focus on the living world at the cellular level. The topics covered are the nature of science, cells, genetics, evolution, and microbiology. This course will provide a general background for the student to pursue a more in-depth study in other classes.

CHEMISTRY

Grade Level: 11-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: 9th and 10th grade sciences
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This course is designed to introduce students to the fundamental concepts and principles of chemistry, fostering a deep understanding of matter and its interactions. Throughout the year, students will engage in hands-on experiments, demonstrations, and problem-solving activities that encourage critical thinking and scientific inquiry.

This engaging and interactive chemistry course will equip students with the knowledge and skills necessary to explore the wonders of the chemical world, preparing them for advanced studies in science and technology.

Basic algebra skills such as manipulating algebraic expressions, working with variables, ratios, and proportions are utilized throughout the course. Let's have some fun and see how we can "element-ally" change the way we understand the science around us! Join us in uncovering the mysteries of matter and its behavior!

COLLEGE IN THE SCHOOLS PHYSICS

Grade Level: 11-12	Credits: 3	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Algebra 2
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Introductory College Physics I (PHYS 1101W) is a traditional algebra-based introductory college physics course. The course provides students with the opportunity to learn fundamental physics principles and complex problem-solving skills needed for more advanced study. PHYS 1101W is an appropriate course for students who are good at math and who are interested in studies in science or engineering. PHYS 1101W is a required course at the U of M for students with majors in fields such as architecture, pre-vet, pre-med and kinesiology.

CSI FORENSICS

Grade Level: 11-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Cellular Biology and Biological Systems or AP Biology
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Students that elect to take this course will investigate several aspects of forensic science. Some of the topics to be uncovered are: DNA analysis, fingerprinting, blood spatter, crime scene processing, using insects to determine time of death, and the history of forensics. This course will consist of experiments, mini-crime scenes, demonstrations, projects and lectures.

EARTH AND HUMAN INTERACTIONS SCIENCE

Grade Level: 9	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course explores the relationship between humans and the Earth. Students will explore topics including human environmental activity and resource management. This course will build on student's observation and data collection skills to explore the science of Earth as a home for humans.

EARTH SYSTEMS AND CYCLES SCIENCE

Grade Level: 9	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course investigates the systems and cycles that take place on Earth. Students will explore topics including plate tectonics, Earth's dynamic surface, water resources, and the atmosphere. This course will build on student's observation and data collection skills to explore the science of Earth and its processes.

ENVIRONMENTAL STUDIES

Grade Level: 11-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Cellular Biology and Biological
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				Systems or AP Biology
<p>This project-based course explores a variety of teacher driven topics including Aquaponics, meat science, & climate change. This course focuses on student-driven topics through trimester long research that culminates with a small group presentation of the topic. Outside field studies include on campus and off campus connections to environmental resources.</p> <p>Environmental Studies is a course designed with the goal to explore different environmentally related topics while focusing on depth rather than breadth.</p>				

FISH AND WILDLIFE BIOLOGY				
Grade Level: 11-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Cellular Biology and Biological Systems or AP Biology
<p>This course has a focus on the variety of wildlife that inhabits our MN natural areas. This course will discuss wildlife and natural habitat as well as examine ecological and management principles associated with hunting/fishing regulations, recreation, and the enjoyment of our resources. Study topics include: habitat and wildlife management, birds of prey, game birds, and song birds, game fish, mammals, amphibians and reptiles. Wildlife current events will be covered for each topic along with magazine article reviews. Experiences include: bird ID, fish ID and dissection, live trapping, skinning and tanning lab, habitat assessment and improvement project, outdoor field trips, and guest speakers. This course is designed for those who enjoy hunting and fishing and have an interest in Minnesota wildlife.</p>				

PHYSICS				
Grade Level: 11-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: 9th and 10th grade sciences
<p>This is an introductory physics course that uses a mathematical representation to describe the physical world. Topics include kinematics, Newton's laws of motion, energy, momentum, rotational motion, fluids, gravitation, oscillations and waves, and thermodynamics. This course will fulfill the chemistry/physics requirement for graduation.</p>				

SPACE AND SOLAR SYSTEM SCIENCE				
Grade Level: 9	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>This course dives into the mechanisms governing our universe, from the formation of the solar system to the events of the Big Bang. Students will engage in an exploration of topics such as solar system formation, Earth-Sun dynamics, observational astrophysics, and the foundational principles underpinning the Big Bang theory. This course will build on student's observation and data collection skills to explore the science of Earth and our place in the universe.</p>				

WINTER BIOLOGY

Grade Level: 11-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: Cellular Biology and Biological Systems or AP Biology
<p>This course offers students experience in the elements of winter. Practical work and knowledge of our winter environment and how we deal with winter's wrath will be covered. Outdoor experiences are frequent. Topics covered include: humans in the cold (frostbite and hypothermia info.), winter survival, car kits, glaciers – snow – and avalanches, Minnesota plant and wildlife adaptations, making snowshoes, and building a survival shelter and fire in the snow. We do go outside in the cold! So bundle up and experience winter first hand.</p>				

Interested in a career in science, math, technology, or engineering? Check out Project Lead the Way course offerings in this registration guide.

SENIOR SEMINAR

SENIOR SEMINAR				
Grade Level: 12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>Senior seminar is designed to help prepare students for life after high school. The course is divided into four subjects: health, finance, auto maintenance, and communication. Students spend approximately 14 days on each subject rotating from one to the next throughout the trimester. Each subject is outlined below:</p> <p><u>Health</u>: first aid and CPR (students eligible for CPR/First Aid certification), Community medical emergency resources.</p> <p><u>Finance</u>: budgets, checking accounts, credit, loans, investing, insurance.</p> <p><u>Auto Maintenance</u>: basic auto systems maintenance, safety concerns and general car care, purchasing and insurance.</p> <p><u>Communication</u>: cover letters, resumes, professional emails, social networking, successful interview skills and techniques.</p>				

SOCIAL STUDIES

ADVANCED PLACEMENT UNITED STATES GOVERNMENT & POLITICS				
Grade Level: 12	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Suggested 3.0 or better GPA. Students that are below the recommended GPA should speak with the instructor.
<p>This course will study both general concepts used to interpret U.S. Politics and analyze specific examples. Students will familiarize themselves with the various institutions, groups, beliefs, and ideas that constitute U. S. Politics. Students will become acquainted with a variety of theoretical perspectives and explanations for various behaviors and outcomes. Topics included will be:</p> <ul style="list-style-type: none"> • Constitutional underpinnings of U.S. Government 				

- Political beliefs and behaviors
- Political parties, interest groups, and mass media
- Institutions of national government
- Civil rights and civil liberties
- Government, the economy, and economic systems

This college level course meets the grade 12 Economics and Government requirement.

ADVANCED PLACEMENT UNITED STATES HISTORY

Grade Level: 10	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Suggested 3.0 or better GPA. Students that are below the recommended GPA should speak with the instructor.
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This is a college level course that focuses on the political and social history of the United States. This course covers the development of the United States through the present day, with an emphasis on social history. Substantial emphasis is placed on higher-level learning skills and reading comprehension. Upon completion of the course, students will have the opportunity to take the AP U.S. History exam to earn college credit. This is a college level course that meets the grade 10 U.S. History requirement.

ADVANCED PLACEMENT WORLD HISTORY: MODERN

Grade Level: 11	Credits: 2	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Suggested 3.0 or better GPA. Students that are below the recommended GPA should speak with the instructor.
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AP World History: Modern is an introductory college-level modern world history course. Students cultivate their understanding of world history from c. 1200 CE to the present through analyzing historical sources and learning to make connections and craft historical arguments as they explore concepts like humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation.

AMERICAN CITIZENSHIP

Grade Level: 9	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This class will examine the following topics concerning our state and country: U.S. Constitution, citizenship, and civic responsibilities.

CRIMINAL JUSTICE

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
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This course is designed to give the student a realistic understanding of the way the criminal justice system works. The first unit will cover crime, criminals and victims examine the causes and kinds of crime and the role

fear of crime plays in our society. The next unit will cover law enforcement, the need for law officers, development of police forces, the nature of police work and the relationship between police officers and society. The court system, procedures involved in a trial, right to counsel, plea bargaining and the jury system will be studied. The student will also have the opportunity to interact with different law enforcement personnel.

ECONOMICS

Grade Level: 12

Credits: 1

College Credit: No

Fine Arts Credit: No

Prerequisite: None

This course is about the study of economic principles and practices. It will include the areas of scarcity, business organizations, supply and demand, employment and wages, international trade, corporate economic systems, and global economic challenges. Also included will be the government's role in the economy and how the government affects the economy.

HISTORY'S MYSTERIES

Grade Level: 10-12

Credits: 1

College Credit: No

Fine Arts Credit: No

Prerequisite: None

Students will explore some of the most puzzling events and people of the past. The class will promote problem solving skills by analyzing historical evidence surrounding the given mysteries and then will allow students to draw their own conclusion. Hot topics include : What goes on in the Bermuda Triangle, Who was the Zodiac Killer, Did UFOs really visit Roswell, New Mexico, and is Bigfoot for real?

HUMAN GEOGRAPHY

Grade Level: 10-12

Credits: 1

College Credit: No

Fine Arts Credit: No

Prerequisite: None

This course focuses on the distribution, processes, and effects of human population on the planet. In this course we will explore the world's landforms and water bodies, population, movement, culture, language, religion, ethnicity, political geography, land usage, and urban development.

PSYCHOLOGY

Grade Level: 10-12

Credits: 1

College Credit: No

Fine Arts Credit: No

Prerequisite: None

This course will further a student's understanding of self and society. The topics covered will include: the introduction to and the history of psychology, biological influences on behavior, humans psychosocial development, intellectual ability and the principles of learning & memory, humans ability to think, the impact stress has on humans mental processes, and psychological disorders. These different psychological perspectives are used to analyze and explain personal and social issues.

SOCIOLOGY

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
Offers an introduction to the study of human society and social behavior. Students will study groups of people within their community and the larger United States by examining the sociological point of view, norms and cultural conformity and adaptation, cultural diversity, social control and change, social structure, and deviance and social control.				

SPORTS AND SOCIETY

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
In this class we will comprehensively look at the history and the development of modern day athletics. We will attempt to show the impact participation in athletics has on our lifestyles and those around us. This class will focus on the historical development of competitive team and individual athletics as well as the recent development of extreme and recreational or life-long sports.				

UNITED STATES GOVERNMENT

Grade Level: 12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
Government 12 will cover the Institutions of the United States Government. It will take an in-depth look at the branches of government and their duties, political parties and organizations, the role of outside groups, the role of the media, and compare the United States Government with that of other nations. This class will also look at the people's role within the political process of the United States.				

UNITED STATES HISTORY (A & B)

Grade Level: 10	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: None
This class will study 20th Century U. S. History from WWI to the present. This class will emphasize the important knowledge (people, places, events) to be learned, but will expect the students to be creative in working on projects designed to demonstrate the student's knowledge.				

WORLD HISTORY (A & B)

Grade Level: 11	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: None
This course focuses on world history, cultures, and cultural changes throughout the world. Some areas covered include: world religions, economic systems, technology changes, world music, and culture clashes of the past and present. General map work will be incorporated into class work.				

UNIFIED EXPLORATION

UNIFIED ART

Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>Waconia High School and Special Olympics MN will collaboratively plan and implement Unified programming to include students with disabilities and students without disabilities in a Unified Art course. Unified Art will be a trimester long course, in a general education classroom setting. Students with disabilities (Athletes) and students without disabilities (Unified Partners) work together to complete tasks, projects, and goals, under the direction of a general education teacher, with special education teachers to support learning objectives.</p>				

UNIFIED CULINARY FOODS				
Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>Waconia High School and Special Olympics MN will collaboratively plan and implement Unified programming to include students with disabilities and students without disabilities in a Unified Culinary Foods course. Unified Culinary Foods will be a trimester long course, in a general education classroom setting. Students with disabilities (Athletes) and students without disabilities (Unified Partners) work together to complete tasks, projects, and goals, under the direction of a general education teacher, with special education teachers to support learning objectives.</p>				

UNIFIED INDUSTRIAL TECHNOLOGY				
Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>Waconia High School and Special Olympics MN will collaboratively plan and implement Unified programming to include students with disabilities and students without disabilities in a Unified Industrial Technology course. Unified Industrial Technology will be a trimester long course, in a general education classroom setting. Students with disabilities (Athletes) and students without disabilities (Unified Partners) work together to complete tasks, projects, and goals, under the direction of a general education teacher, with special education teachers to support learning objectives.</p>				

UNIFIED PHYSICAL EDUCATION				
Grade Level: 10-12	Credits: 1	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>Waconia High School and Special Olympics MN will collaboratively plan and implement Unified programming to include students with disabilities and students without disabilities in a Unified Physical Education course. Unified PE will be a trimester long course, in a general education classroom setting. Students with disabilities (Athletes) and students without disabilities (Unified Partners) work together through ongoing educational and physical education teachers to support learning objectives. Topics covered in this course include maintaining a healthy level of fitness, leadership skills for all students, and empowerment of all students to foster an inclusive class environment.</p>				

WORLD LANGUAGE

FRENCH 1 (A & B)				
Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>Bienvenue! Welcome! This course invites you to expand your worldview by exploring a different culture and learning a new language. Our primary focus will be on comprehending spoken French. Language skills will be acquired mainly through storytelling and the development of reading strategies. Through active listening, students will begin to express their ideas and opinions through basic writing and speaking. Culture topics are ever changing and designed to introduce students to music, traditions and lifestyle of the francophone world.</p>				

FRENCH 2 (A & B)				
Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: French 1
<p>Continuons! Let's keep going! This course continues building on the skills acquired in French 1. Our main focus continues to be on comprehending spoken French. Storytelling, class conversations and continued development of reading strategies will expand students' vocabulary and increase language acquisition. Students will make continued progress in expressing themselves through writing and speaking, with an emphasis on academic writing. Culture topics are ever changing and designed to introduce students to music, traditions and lifestyle of the francophone world.</p>				

FRENCH 3 (A & B)				
Grade Level: 10-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: French 2
<p>C'est Parti! Here we go! With continued exposure to high frequency language through stories and discussion, students will advance their proficiency in French. Class conversation focuses on the daily lives of the students, as well as current events and cultural and historical information about francophone countries. Academic writing remains an emphasis. As in the previous two courses, culture topics are ever changing and designed to expose students to music, traditions and lifestyle of the francophone world.</p>				

FRENCH 4 (A & B)				
Grade Level: 10-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: French 3
<p>J'aime bien le français! I'm really liking French! This class is aimed at the student that is ready to take their French to the next level. Students will again be exposed to high frequency language through storytelling and discussion allowing them to expand their communications skills in all four areas of language proficiency: listening, reading, writing and speaking.</p>				

SPANISH 1 (A & B)				
Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: None
<p>In Spanish 1, students will explore the cultures of Mexico and Cuba. The primary focus will be on the comprehension of the spoken language. Language skills will be acquired by means of storytelling and</p>				

development of reading strategies. Students will read a level-appropriate novel that centers on the culture of study. Students will have the chance to listen and read in Spanish, as well as to express their ideas and opinions through basic writing and speaking. This class incorporates a variety of Latin music styles, history and traditions, opening the door to the language acquisition adventure.

SPANISH 2 (A & B)

Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: Spanish 1
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In Spanish 2, students will explore the cultures of Bolivia and Guatemala. This course will build on the skills acquired in Spanish 1 while being exposed to high frequency language through storytelling and discussion that will enable natural language acquisition. Students will read a level-appropriate novel that centers on the culture of study, and other supporting readings to provide language input. Students will have plenty of opportunities to listen and read Spanish. In addition, they will be able to express their ideas and opinions through basic writing and speaking. Building on level 1, this course incorporates a variety of Latin music styles, history, and traditions, while maintaining a focus on natural language acquisition.

SPANISH 3 (A & B)

Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: Spanish 2
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In Spanish 3, students will explore the cultures of the Caribbean and Spain while being exposed to high frequency language through storytelling and discussion that will enable natural language acquisition. This course will build on the skills acquired in Spanish 1 & 2. Students will read a level-appropriate novel in each course that centers on the culture of study, and other high-interest readings to provide language input. Through novels, book club, and regular free voluntary reading sessions, students will deepen their language skills and explore topics of interest. Students will have ample opportunity to interact with the language through reading and listening, as well as to express their ideas and opinions through writing and speaking. Through music and the study of cultural traditions from these regions, students will be able to experience language and culture in a new way.

SPANISH 4 (A & B)

Grade Level: 9-12	Credits: 2	College Credit: No	Fine Arts Credit: No	Prerequisite: Spanish 3
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In Spanish 4, students will explore South America, the United States, and Spain. Students will be exposed to high frequency language through storytelling and discussion that will enable natural language acquisition. Students will read a variety of texts: novels, short-stories, articles, and songs. The courses in this level are designed to deepen the understanding of both the Spanish language and the cultures that speak it. The aim of level 4 is to build on the skills acquired in previous levels, and continue the development of language skills in all four areas of language proficiency: listening, reading, writing, and speaking. This course is designed to prepare students for success in the University of Minnesota Intermediate Spanish course offered at WHS through College in the Schools.

COLLEGE IN THE SCHOOLS SPANISH (Intermediate Spanish [University of Minnesota])

Grade Level: 12	Credits: 3	College Credit: Yes	Fine Arts Credit: No	Prerequisite: Spanish 4 or approval
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Students will be enrolled as U of M students when taking this course. Upon completion, with a minimum grade of C-, students will receive high school credit and 10 University of Minnesota credits (credits are recorded on a University of MN transcript and can be transferred to other Universities). Students will continue to develop their Spanish proficiency through the exploration of current, engaging topics with a global perspective. Completion of this course fulfills the language requirement to earn a degree from the College of Liberal Arts at the University of Minnesota, and students can have certification of Intermediate Proficiency according to National Guidelines.

SOUTHWEST METRO EDUCATIONAL COOPERATIVE ON SITE OFFERINGS LOCATED AT WHS

EMERGENCY MEDICAL RESPONDER				
Grade Level: 11-12	Credits: 1	College Credit: Certification & Articulated College Credit	Fine Arts Credit: No	Prerequisite: None
<p>This course provides the medical training required for firefighters and law enforcement. Students learn about emergency services, advanced first aid, and healthcare provider CPR. This course includes a focus on learning anatomy and physiology and provides many field experiences to practice hands-on skills. As an Opportunities in Emergency Care (OEC) program, students have access to collaborative events with other OEC programs around the state including Fall Camp and volunteering at the Twin Cities Marathon.</p>				

EMERGENCY MEDICAL TECHNICIAN (Part 1)				
Grade Level: 11-12	Credits: 1	College Credit: Certification	Fine Arts Credit: No	Prerequisite: Emergency Medical Responder
<p>EMTs are clinicians, trained to respond quickly to emergency situations regarding medical issues, traumatic injuries, and accident scenes. Where students were introduced to vocabulary and concepts in EMR, EMT certification requires students to fully understand the EMR materials and think critically through a variety of situations. Where EMR teaches individual skills, EMT uses those skills in lifelike scenarios. EMTs are often employed by ambulance services, governments, and hospitals. They are sometimes employed by fire departments and in police departments. As an OEC program, students have access to collaborative events with other OEC programs around the state including Spring Camp and volunteering at the USA Cup Youth Soccer Tournament.</p>				

EMERGENCY MEDICAL TECHNICIAN (Part 2)				
Grade Level: 11-12	Credits: 1	College Credit: Certification	Fine Arts Credit: No	Prerequisite: EMT (Part 1)
<p>EMTs are clinicians, trained to respond quickly to emergency situations regarding medical issues, traumatic injuries, and accident scenes. Where students were introduced to vocabulary and concepts in EMR, EMT certification requires students to fully understand the EMR materials and think critically through a variety of situations. Where EMR teaches individual skills, EMT uses those skills in lifelike scenarios. EMTs are often employed by ambulance services, governments, and hospitals. They are sometimes employed by fire departments and in police departments. As an OEC program, students have access to collaborative events with other OEC programs around the state including Spring Camp and volunteering at the USA Cup Youth Soccer Tournament.</p>				

MEDICAL TERMINOLOGY				
Grade Level: 11-12	Credits: 21	College Credit Yes	Fine Arts Credit: No	Prerequisite: None
<p>This course is an introduction to medical terminology and the language of medicine. Students will gain an understanding of how complex medical terms are formed from Latin and Greek word parts utilizing root words, prefixes, and suffixes. This course will prepare a student with the basic knowledge of medical terminology</p>				

NURSING ASSISTANT (CNA)				
Grade Level: 11-12	Credits: 2	College Credit Certification & Concurrent College Credit	Fine Arts Credit: No	Prerequisite: None
<p>This course will train students to work directly with residents of a long term care facility. Clinical rotations are conducted at Auburn Manor and Services along with other locations. Students will learn the curriculum and skills required to take the state Nursing Assistant Registry Exams. At some locations, students also earn certifications in basic first aid and professional level CPR.</p>				

Career and Technical Education at SouthWest Metro

OFF SITE OFFERINGS LOCATED IN CHASKA & SHAKOPEE

Waconia High School students have the opportunity to attend technical programs in Chaska and Shakopee, Minnesota. These trimester courses meet two periods per day. Transportation is not provided.

Complete program descriptions can be found at:

- Swmetro.k12.mn.us
- [SW Metro Course Descriptions](#)