

# 2023-2024

## REGISTRATION GUIDE & COURSE DESCRIPTIONS



### WINONA SENIOR HIGH SCHOOL

901 Gilmore Avenue, Winona, MN 55987  
Phone: 507-494-1500 | Fax: 507- 494-1509

## Grades 9-12

#### Our Vision:

A safe and inclusive community of  
compassionate, curious, and resilient  
lifelong learners

#### Our Mission:

Inspire curiosity, empower resiliency, engage  
community.



# Winona Senior High School

<https://www.winonaschools.org/wshs>

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*Winona Senior High School will provide equal opportunity to all persons served in its educational programs, materials and pupil personnel services, regardless of race, color, gender, national origin, religion, or disability.*

Dear Students and Parents/Guardians:

The registration guide and course description book has been designed to assist you in planning for next year. Review the course requirements for graduation carefully and examine, as well, your interests and future plans. Select courses that will contribute to the realization of those plans.

To the parents of our incoming 9th grade students (WSHS class of 2027). On page 9 of our course book you will find the information you need to plan your courses. The Board of Education recently made changes to the graduation requirements, beginning with the class of 2026 so that students have more choices in courses throughout high school.

Time devoted to careful planning and course selection will be time well spent. We suggest that students and parents/guardians work together, along with your counselor, to make these important choices. **The final responsibility for course selection rests entirely with the student and his/her parent/guardian.**

The courses requested by students determines the number of courses offered. Once the master schedule has been built, students may only request a course change if space allows and for the following reasons only: inappropriate placement as determined by the student and teacher; class imbalance; schedule error; conflicts in schedule; and/or missing prerequisite course(s).

If you have questions regarding classes and registration, please contact the WSHS Counseling Office at 507-494-1521. Counselors are assigned by last name:

Courtney Dahlby	A-G
Samantha McCormick	H-O
Karen Whitney-Thrune	P-Z
Lori Ulrich	Special Education Coordinator

Best wishes as you plan your future. We are here to help you make wise decisions.

Sincerely,  
Heather Fitzloff  
Principal

**Heather Fitzloff, Principal**

507-494-1501

*heather.fitzloff@winona.k12.mn.us*

**Nathan Warneke, Assistant Principal**

507-494-1502

*nathan.warneke@winona.k12.mn.us*

**Casey Indra, Athletics/Activities Director**

507-494-1529

*casey.indra@winona.k12.mn.us*

**Lori Ulrich, Special Education Coordinator**

507-494-1518

*lori.ulrich@winona.k12.mn.us*

**School Counselors**

**Courtney Dahlby (A-G)**

507-494-1517

*courtney.dahlby@winona.k12.mn.us*

**Samantha McCormick (H-O)**

507-494-1520

*samantha.mccormick@winona.k12.mn.us*

**Karen Whitney-Thrune (P-Z)**

507-494-1516

*karen.whitney-thrune@winona.k12.mn.us*

## Making the Transition to High School

### LINK CREW

Link Crew is a transition program that welcomes freshmen to the high school. Link Crew provides the structure for freshmen to receive support and guidance from juniors and seniors who have been through the challenges that high school poses.



### MCIS—MINNESOTA CAREER INFORMATION SYSTEM

Career planning is the process of helping students acquire and use the aptitudes, skills, and knowledge needed to develop and manage a purposeful life plan. During the high school years, students will meet with their counselor for post-high school planning. MCIS is a great tool for developing and maintaining a resume, researching college and career opportunities, and applying for scholarships.

<https://www.google.com/url?q=https://portal.mncis.intocareers.org/&sa=D&source=hangouts&ust=1611861296153000&usg=AFQjCNEG Vn2cxJpp9U2WThq4fqAC1kR4HA>

### INFINITE CAMPUS

Winona Area Public Schools utilizes Infinite Campus to maintain online student records. Parents and students are encouraged to access schedules, grades, attendance, and health records via the parent/student portal.

- ♦ Go to the district website: [www.winona.k12.mn.us](http://www.winona.k12.mn.us)
- ♦ Click on the green Infinite Campus icon at the top of the page.

It looks like this



- ♦ Type in your username and password:  
Username: Student ID Number (listed on your student ID card)  
Password: First initial of your first name, first initial of your last name, 6-digit birth date (i.e. John Doe with a birth date of 01/03/92 would be jd010392)

### PARENTS!

Email [portal.help@winona.k12.mn.us](mailto:portal.help@winona.k12.mn.us) for Infinite Campus support.

### WSHS SCHOOLOGY

- ♦ Weekly assignments are posted on your Schoology Calendar
- ♦ The calendar is utilized to signify important course events (major projects, tests, etc.)
- ♦ Utilize Google Drive connections (provide students with handouts, worksheets)
- ♦ Ability to add materials from drop down content, i.e., Create poll, provide/attach resources for students)
- ♦ Ability to add interactive materials from drop down content, i.e., Discussions, assignments with submission folders
- ♦ Parent access
- ♦ Share resources with colleagues

All students will be able to use Schoology to check the above items that teachers post for curriculum use within their classrooms. Students will also review Schoology daily for updates from teachers, counseling office and administration for important information relevant to what is happening at Winona Senior High School.

### NEW STUDENTS!

Please see the Learning Commons staff for your informational packet and to receive your Chromebook.

### NEW PARENTS!

Email [portal.help@winona.k12.mn.us](mailto:portal.help@winona.k12.mn.us) to get your user name and password for Infinite Campus.

## Specialty Course Offerings

### ADVANCED PLACEMENT (AP)

The College Board's Advanced Placement Program® enables students to pursue college-level studies while still in high school. Based on their performance on rigorous, national AP Examinations, students can earn credit, advanced placement, or both, for college. The Advanced Placement Program is best known for giving high school students the opportunity to earn college credit, to save on college tuition, and even to graduate early from college.

AP American Government	AP Lang. & Composition	AP Sr. Studio & Portfolio
AP Biology	AP Lit. & Composition	AP Spanish
AP Calculus	AP Statistics	AP U.S. History
AP Chemistry	AP Pre-Calculus	AP World History
AP Environmental Science		

### ARTICULATION CERTIFICATE

This offers students opportunities to earn high school and college credit. The content and the rigor of the classes that align with the offerings at the post-secondary institute will allow a junior or senior who earns at least a "B" in an eligible WSHS class to obtain a certificate that will entitle them to the credits at MN State College Southeast. There is no cost to the student.

Health & Wellness	Sports & Entertain. Marketing
Introduction to Business	Work Skills
Healthcare Core Curriculum	Blueprint Development & Drafting
Medical Careers	Design
Advanced Algebra	Computer Aided Drafting Design (CADD)/3D Printing

### BLENDED COURSES

Blended courses combine face-to-face interaction with web-based instruction. The degree to which blended courses utilize traditional classroom instruction and online learning varies.

Computer Applications: Documents, Spreadsheets, and Presentations	Healthcare Systems & Medical Terminology	Introduction to Business
Early Childhood Dev't. Preschool to Kindergarten	Independent Living	Nutrition
	Human Anatomy & Physiology I & II	Sports & Entertainment Marketing

### S.T.E.M. (Science, Technology, Engineering, Math)

S.T.E.M. classes promote a strong foundation in the sciences, technologies, engineering and math. The classes emphasize critical thinking, creativity, innovation, and real-world problem solving.

AP Biology	Blueprint Development & Drafting
AP Chemistry	Design
AP Physics	Introduction to Precision Machining
Human Anatomy & Physiology I & II	Precision Machining Processes
Intro. to Engineering Design	Computer Aided Drafting Design (CADD)/3D Printing

### CONCURRENT ENROLLMENT

Concurrent Enrollment offers students the option of staying on the WSHS campus to receive college credit. Students who enroll in concurrent enrollment must complete college enrollment requirements and perform at a designated level in the class. Upon completion, the student is awarded high school AND college credit.

General Organic & Biochemistry	Introduction to Precision Machining
Nutrition	Precision Machining Processes
Human Anatomy & Physiology I	Introduction to Psychology
Medical Terminology	Certified Nursing Assistant
Human Anatomy & Physiology II	College Writing

### HONORS

Honors courses alter the curriculum in terms of depth, quality of product and pace of content. They promote higher level thinking skills and provide opportunities for a variety of extended projects. Solid background in the content area and a mature work ethic are highly recommended. Successful completion of the honors course is clearly defined on the student's transcript.

Honors Geometry	Honors Science 9
Honors Advanced Algebra	Honors English 9
Honors Economics	Honors English 10
Honors Physics	Honors American Greats

### OFF CAMPUS OPPORTUNITIES

WSHS offers classes that allow students time away from the WSHS campus. In a work environment or community service project, students spend time during the school day outside of the building. Transportation is the responsibility of the student.

Ag School to Work/Internship	Service Learning I & II
Building Trades	Work Based Learning
Business Internship	

## AVID Program



*Ready to take control of your education?  
Interested in going on to college, but unsure how?*

AVID (Advancement Via Individual Determination) is a College Prep Program for students who are ready to turn around their academics so their grades start rising to the level of their ability. Research and visit colleges, work with college students, and get ready to fill your “student toolbox” with skills in Writing, Inquiry, Collaboration, Organization, and Reading (WICOR).

**Students can take AVID grades 9-12, but must join before 2nd semester of 10th grade.**

If you are interested in joining the AVID team of scholars, go ahead and mark it on your registration form and we will follow up with a short meeting where you have a chance to talk about your goals and your individual determination to succeed.

**Questions about AVID? See your counselor for more information.**

## Education Beyond High School

What is your goal?	<b>Career &amp; Technical: Certificate, Diploma, Associate Degree</b>	<b>Community College: Associate Degree</b>	<b>Traditional (4-year) College/ University: Bachelor's Degree</b>	<b>"Selective" (4-year) College/University: Bachelor's Degree</b>
Example:	MN State SE, RCTC	MN State SE, RCTC	WSU, Iowa State, MN State Univ.	Carleton, U of MN, Northwestern, U of WI
English	4 years	4 years	4 years	4 years (advanced levels)
Social Studies	3 years	3 years	3 or more years	4 years (advanced levels)
Mathematics	3 or more years	3 or more years	3 or more years	4 years
Science	2 or more years	2 or more years	3 or more years	4 years (advanced levels)
Physical Education	2 years	2 years	2 years	2 years
Health	1 year	1 year	1 year	1 year
Fine Arts	1 year	1 year	1 year	1 year
World Languages	No recommendation specified	No recommendation specified	2 or more years of a single language	3-4 years of a single language
Electives	Choose electives that will prepare for a career or broaden your interest.	Choose electives that will prepare for a career or broaden your interest.	Choose electives that will prepare for a career or broaden your interest.	Choose as many AP and honors classes as possible.

# College Bound Athletes

## NCAA/NJCAA/NAIA

### NCAA Eligibility Standards for All Division I and II

All students/athletes must register with the NCAA Initial Eligibility Clearinghouse. Start planning in your sophomore year to ensure compliance at [web3.ncaa.org/ecwr3/](http://web3.ncaa.org/ecwr3/)

<p>To be certified by the Clearinghouse, you must earn a grade-point average of at least 2.00 (on a 4.00 scale) in a core curriculum of at least 14 academic courses which were successfully completed during Grades 9 through 12.</p> <p>Only courses that satisfy the NCAA definition of a core course can be used to calculate your NCAA GPA. See the counseling office for a detailed list of classes that DO NOT meet NCAA requirements. The chart shows what your courses must include at minimum. More information can be found at <a href="http://NCAA.org">NCAA.org</a></p>	UNITS REQUIRED FOR NCAA CERTIFICATION		
		DIVISION I	DIVISION II
	ENGLISH	4 YEARS	3 YEARS
	MATH	3 YEARS	2 YEARS
	SCIENCE	2 YEARS	2 YEARS
	SOCIAL SCIENCE	2 YEARS	2 YEARS
	FROM ENGLISH, MATH, OR SCIENCE	1 YEAR	2 YEARS
	ADDITIONAL (ENGLISH, MATH, SCIENCE, SOCIAL SCIENCE, FOREIGN LANGUAGE, PHILOSOPHY, NONDOCTRINAL RELIGION)	4 YEARS	3 YEARS
	<b>TOTAL UNITS REQUIRED</b>	<b>16</b>	<b>14</b>

### NAIA Eligibility Standards

<p>The NAIA does not have any core course requirements and eligibility can be determined as early as the summer following your junior year. All student athletes must register with the NAIA eligibility center at <a href="http://play.mynaia.org">play.mynaia.org</a></p>	After Junior Year	GPA 3.3 without a qualifying test score. GPA 3.0 with a qualifying test score
	After 7th semester	GPA 2.8 without a qualifying test score GPA 2.5 with a qualifying test score
	After Senior Year	GPA 2.3 without a qualifying test score GPA 2.0 with a qualifying test score

### NCAA Division III Eligibility

Athletes who wish to play at the Division III level are not required to register with the Clearinghouse but must be sure to meet the eligibility requirements set by the specific institution and its athletic conference. To find out these eligibility requirements contact the admissions office at each individual school. If you are going to be competing for a Division III institution you can start with a free NCAA Profile page. More information can be found here: [fs.ncaa.org/Docs/eligibility\\_center/Student\\_Resources/DIII\\_Amat.pdf](http://fs.ncaa.org/Docs/eligibility_center/Student_Resources/DIII_Amat.pdf)

### NJCAA Eligibility

A student athlete must be a graduate of a high school with an academic diploma, general education diploma or a state department of education approved high school equivalency test. Student athlete must be an amateur. More information can be found at [www.njcaa.org/compete/faqs](http://www.njcaa.org/compete/faqs).



## Testing Schedule

The following tests provide high school course and career planning information. Test results are used by counselors and staff to assist students in making decisions about skill development and post-high school plans. Four-year college bound students should consider taking the PSAT/NMSQT (Preliminary Scholastic Aptitude Test/ National Merit Scholarship Qualifying Test) in the fall of their junior year.

The ACT, ACCUPLACER and ASVAB are available at no charge to juniors as a result of state legislation. In accordance with this state law, **all current high school juniors will take the ACT Plus Writing, the ACCUPLACER or the ASVAB in the spring.**

Grade	Test		Purpose	Fee	Offered
10	Required	MCA Reading, Science	The <b>Minnesota Comprehensive Assessments</b> (MCAs) are the state tests that help districts measure student progress toward Minnesota's academic standards.	No	Spring
11	Required	MCA Math	The <b>Minnesota Comprehensive Assessments</b> (MCAs) are the state tests that help districts measure student progress toward Minnesota's academic standards.	No	Spring
11	Optional	PSAT/NMSQT (Preliminary Scholastic Aptitude Test/ National Merit Scholarship Qualifying Test)	To give information about ability to do college work. There are three scores: verbal, math, and writing.  Additional purposes are practice for SAT and screening for a variety of scholarships, including the National Merit Scholarship.	Yes	October
11	Required	ACT (American College Test) , ASVAB or ACCUPLACER	To estimate ability to perform college-level tasks. There are five divisions: English, math, reading, science reasoning, and an optional writing component. <b>Required for admission to most colleges.</b>	No	Spring

# Winona Area Public Schools (District 861) School Board Graduation Requirements - Class of 2024 & 2025

## 11<sup>th</sup> Grade

English	1.5 credits
Early World Cultures	.5 credit
Modern World History	.5 credit
Mathematics	1 credit
Electives	3.5 credits

## 12<sup>th</sup> Grade

English	1 credit
American Government	.5 credit
Economics	.5 credit
Probability and Statistics	.5 credit
Electives	4.5 credits

## Grade Reporting

- ♦ It is the **responsibility of the student** to make arrangements for incomplete work. If there are extenuating circumstances, see your counselor or an administrator. Failure to complete the work within the given time frame will result in the grade being changed to an “F”. All incompletes must be made up within 2 weeks of the completion of the course.
- ♦ Report cards will be posted to infinite campus at the end of each grading period.
- ♦ Honor Roll: The honor roll is compiled at the end of each semester. Honor Rolls are determined based on classes taken at Winona Senior High School. A student must be enrolled at WSHS for more than 50% of their course load (8 of 14 credits) to be eligible for the WSHS Honor Roll. Students who receive an “I” (incomplete) or an “F” (failure) on their report card are automatically disqualified from eligibility for an honor roll. WSHS recognizes the following honor rolls: AA(4.00/4.00); A (3.66/3.99); B (2.66/3.65).

In order to graduate from  
Winona Senior High School, each class must  
earn the listed number of credits  
Class of 2024.....27 credits  
Class of 2025.....27 Credits

## Of the credits required for graduation,

- English - 4.5 credits
- Social Studies - 4 credits including  
.5 credit in World Geography
- P.E. - 1 credit
- Health - .5 credit
- Science - 3 credits  
1 in 9th grade Science 9 / Honors Science 9  
1 in Biology/ AP Biology  
1 credit in Chemistry or 1 Credits in Physics  
to be taken in 11th -12th grade
- Fine Arts - 1 credits (Music, Visual Arts,  
Media Arts)
- Career and Technical Education (CTE) -  
.5 credit (Agriculture, Business, Family &  
Consumer Science, and Industrial Tech.)
- Mathematics - 3 credits including 1 in  
Advanced Algebra and .5 in Probability &  
Statistics.
- Electives—10.5 credits in elective courses

## Award of Credit

A grade and a credit are awarded for  
successful completion of a course.

# Winona Area Public Schools (District 861) School Board Graduation Requirements Class of 2026 and Beyond

## 9th Grade

English	1 credit
American Studies I	.5 credit
Mathematics	1 credit
Science 9/Pre-AP Science 9	1 credit
P.E.	.5 credit
Electives	2 - 3 credits

## 10<sup>th</sup> Grade

English	1 credit
American Studies II	.5 credit
Mathematics	1 credit
Biology	1 credit
Health	.5 credit
Electives	2 - 3 credits

## 11th Grade

English	1 credit
Early World Cultures	.5 credit
Modern World History	.5 credit
Mathematics	1 credit
Electives	3-4 credits

## 12th Grade

English	1 credit
American Government	.5 credit
Economics	.5 credit
Electives	4-5 credits

In order to graduate from  
Winona Senior High School, each class must  
earn the listed number of credits  
Class of 2026  
& Beyond .....21.5 credits

## Of the credits required for graduation,

- English - 4 credits
- Social Studies - 3.5 credits including  
.5 credit in World Geography
- P.E. - .5 credit
- Health - .5 credit
- Science - 3 credits  
1 in 9th grade Science 9 / Honors Science 9  
1 in Biology/ AP Biology  
1 credit in Chemistry or 1 Credits in Physics  
to be taken in 11th -12th grade
- Fine Arts - 1 credit (Music, Visual Arts,  
Media Arts)
- Mathematics - 3 credits including 1 in  
Advanced Algebra and .5 in Probability &  
Statistics.
- Electives - At least 6 credits in elective  
courses

## Grade Reporting

- ♦ It is the **responsibility of the student** to make arrangements for incomplete work. If there are extenuating circumstances, see your counselor or an administrator. Failure to
- ♦ complete the work within the given time frame will result in the grade being changed to an "F". All incompletes must be made up within 2 weeks of the completion of the course.
- ♦ Report cards will be posted to Infinite Campus at the end of each grading period.
- ♦ Honor Roll: The honor roll is compiled at the end of each semester. Honor Rolls are
- ♦ determined based on classes taken at Winona Senior High School. A student must be
- ♦ enrolled at WSHS for more than 50% of their course load (8 of 14 credits) to be eligible for the WSHS Honor Roll. Students who receive an "I" (incomplete) or an "F" (failure) on their report card are automatically disqualified from eligibility for an honor roll. WSHS recognizes the following honor rolls: AA(4.00/4.00); A (3.66/3.99); B (2.66/3.65).

## Award of Credit

A grade and a credit are awarded for  
successful completion of a course.

## Four-Year Plan –Grad years 2024, 2025

Credits begin to accumulate at the beginning of Grade 9. These are the course requirements for graduation from WSHS. The number of required credits from each department is noted in parentheses next to the subject. It is the responsibility of the student and parent to work with their school counselor in meeting all graduation requirements.

<b><u>CTE</u></b> (.5 credit)	Grade	Credit
_____th		

<b><u>English</u></b> (4.5 credits)	Grade	Credit
9th		
9th		
10th		
10th		
11th		
11th		
11th		
12th		
12th		

<b><u>Fine Arts</u></b> (1 credits)	Grade	Credit
_____th		
_____th		

<b><u>Mathematics</u></b> (at least 3 credits)	Grade	Credit
9th		
9th		
10th		
10th		
11th		
11th		
_____th		
_____th		

<b><u>P.E./Health</u></b> (1.5 credits)	Grade	Credit
9th		
10th		
10-12th		

<b><u>Science</u></b> (3 credits)	Grade	Credit
9th		
9th		
10 th		
10th		
_____th		
_____th		

<b><u>Social Studies</u></b> (4 credits)	Grade	Credit
9th		
9th		
10th		
10th		
11th		
11th		
12th		
12th		

Electives	Grade	Credit
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		
_____th		

## Four-Year Plan - Grad Years 2026 and beyond

Credits begin to accumulate at the beginning of Grade 9. These are the course requirements for graduation from WSHS. The number of required credits from each department is noted in parentheses next to the subject. It is the responsibility of the student and parent to work with their school counselor in meeting all graduation requirements.

<b><u>English</u></b> (4 credits)	Grade	Credit
9th		
9th		
10th		
10th		
11th		
11th		
12th		
12th		

<b><u>Fine Arts</u></b> (1 credits)	Grade	Credit
th		
th		

<b><u>Mathematics</u></b> (at least 3 credits)	Grade	Credit
9th		
9th		
10th		
10th		
11th		
11th		
th		
th		

<b><u>P.E./Health</u></b> (1credits)	Grade	Credit
9th		
10th		
10-12th		

<b><u>Science</u></b> (3 credits)	Grade	Credit
9th		
9th		
10 th		
10th		
th		
th		

<b><u>Social Studies</u></b> (3.5 credits)	Grade	Credit
9th		
9th		
10th		
10th		
11th		
11th		
12th		
12th		

Electives	Grade	Credit
th		
th		
th		
th		
th		
th		
th		
th		
th		
th		
th		
th		
th		

## **Post Secondary Enrollment Options (PSEO)**

PSEO allows juniors and seniors to take courses, full- or part-time, at a community or technical college, or a university for high school credit. Students should work with their school counselor to make sure they follow the PSEO guidelines that have been established by the district. PSEO provides students an additional variety of class offerings and the opportunity to pursue additional challenging coursework. The tuition, fees, and required textbooks are at no cost to students.

<b>Eligible Students</b>	
Any public school student classified as an 11th or 12th grader and accepted by a post-secondary institution. The combination of high school and college courses must be equivalent to that of a full-time student.	
<b>Choosing to Participate</b>	
Start by Planning Early	Your decision to participate is an important one. You will be expected to be a responsible, self-starting, independent learner. Students who pursue PSEO must meet all graduation requirements to earn their high school diploma. <b>Students must meet with their counselor before beginning the PSEO process.</b>
<b>How to Participate</b>	
Inform Your Counselor	You are requested to let your counselor know before March 31st if you desire to participate in the program. However, if you qualify for the post-secondary institution you wish to attend, you do not need the permission of your high school to enroll.
Meet With Your Counselor	Make an appointment with your parent to work with your counselor to be sure you are taking courses which fulfill your credit requirements for graduation.
Complete Forms	You will need to complete and sign the post-secondary enrollment options forms. Your parent/guardian's signature is required unless you are over 18 years old.
<b>Courses and Credit</b>	
Choosing Courses	When selecting courses, be sure you are filling the courses required for graduation. Work closely with your counselor to choose comparable courses to fulfill graduation requirements. You may choose any electives you desire.
Number of Courses	You may take one or more courses up to a full-time load.
Determining High School Credit	WSHS determines the amount of credit to be awarded. See your counselor. PSEO credits cannot be over the maximum offered at WSHS.
Receiving College Credit	Credits received from a post-secondary institution are recorded on your transcript and will affect your GPA. If students continue their education beyond high school, colleges or universities may choose to transfer their completed coursework through PSEO as college credits.
Withdrawal or Failure	If you withdraw from a course, let the post-secondary institution and your high school know right away. You are subject to the same procedures as any other high school student when withdrawing from a course or failing a course.
Transportation	You and your parent/guardian are responsible for transportation to and from the post-secondary institution.

## Agriculture Sequence

Please refer to course descriptions for each class to find prerequisites.

**WAPS courses in Agriculture will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

**7311 Intro to Fish and Wildlife Management**  
Grade: 9, 10, 11, 12

**7351 Animal Science**  
Grade: 9, 10, 11, 12

**7371 Small Animal Care and Management**  
Grade: 9, 10, 11, 12

**7391 Dairy Management**  
Grade: 9, 10, 11, 12

**7381 Intro to Agriscience**  
Grade: 9, 10, 11, 12

**7441 Plant Science**  
Grade: 9, 10, 11, 12

**Managing Minnesota Wildlife**  
Grade: 10, 11, 12

**7442 Floriculture**  
Grade: 10, 11, 12

**7563 Agriculture Internship**  
Grade: 11, 12

**7503, 7513, 7523, 7533  
Agriculture School-to-Work Pro**  
Grade: 11, 12

**6071  
Work Based Learning**  
Grade: 11, 12

# Agriculture

**WAPS courses in Agriculture will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

## **7311 Introduction to Fish & Wildlife Management (.5 credit)**

Grades: 9, 10, 11, 12

If you have an interest in game birds, mammals, and other non-game wildlife you will enjoy this class. This course is designed to look at the biology, ecology, and economics of wildlife in Minnesota. This class will include hands-on activities and guest speakers.

## **7391 Dairy Management (.5 credit)**

Grades: 9, 10, 11, 12

The course will cover all aspects of the dairy industry including dairy products. Selection of animals, breeding, balancing feed rations, dairy housing designing, marketing, and current trends in the industry are some of the topics that will be covered. Students will also look at managing and operating their own operation which includes record keeping and budgeting.

## **7332 Managing Minnesota Wildlife (.5 credit)**

Grades: 10, 11, 12

This course is designed for those interested in wildlife and the outdoors. Students will learn more about Minnesota wildlife and management of wildlife along with current issues relating to wildlife. This class will include hands-on activities and projects as well as guest speakers.

## **7441 Plant Science (.5 credit)**

Grades: 9, 10, 11, 12

This course is an introduction to the science and practice of raising plants. Several of the units study will include the scope of the plant science industry, plant propagation, plant anatomy, vegetables and vegetable gardens. This class will be enhanced by hands-on experience working in the WSHS greenhouse and the WSHS vegetable garden and guest speakers.

## **7351 Animal Science (.5 credit)**

Grades: 9, 10, 11, 12

This class focuses more on large animals and large animal production. Units will include animal rights vs animal welfare, animal systems, large animal species, and nutrition. The goal of this course is to make you a more informed consumer through hands-on activities and guest speakers.

## **7442 Floriculture (.5 credit)**

Grades: 10, 11, 12

This class is an introduction to the flower industry. Major emphasis will be on the raising of flowers in the WSHS Greenhouse. Students will gain extensive hands-on experience working in the WSHS Greenhouse and planning and planting flower beds. Students will also gain experience with the floral industry and floral design through hands-on activities and guest speakers.

## **7371 Small Animal Care and Management (.5 credit)**

Grades: 9, 10, 11, 12

This class is an introduction to the pet and companion animal industry. Students will participate in hands-on activities and labs related to animal health and care. Students will learn basic care, handling and safety related to veterinary science. This class is enhanced through interaction with live animals and will include guest speakers.

## **7381 Intro to Agriscience (.5 credit)**

Grades: 9, 10, 11, 12

Introduction to Agriscience will introduce students to the diverse world of agriculture. Today, agriculture provides us many things like the food we eat, the clothes we wear, and the jobs that many of us have. Students will explore animals, plants, food technology, natural resources, careers and leadership through hands-on activities and group settings. Students will work on a class long supervised agricultural experience which can carry over to future agriculture classes. Any Student interested in taking any agriculture classes should consider starting with this course to set a foundation that other classes will build on.



**Agriculture School-to-Work Program/Industrial Tech Internship****7503 (1st Semester for 11th graders)****7513 (2nd Semester for 11th graders)****7523 (1st Semester for 12th graders)****7533 (2nd Semester for 12th graders)**

This course is designed to offer students actual on-the-job training during the school day. Students will be provided with the opportunity to apply related in-school instruction to actual on-the-job training related to their career goals. Students are responsible for locating work station and providing transportation to and from their work station. Work stations are not limited to agriculture/industrial tech related careers and special arrangements can be made with the instructor. The class is designed to be offered during the last period of each day. Students may earn up to 4 credits in this class.

**7563 Agriculture Internship (.5 credit)**

Grades: 11, 12

This course provides an elective opportunity for students wishing to pursue an independent project related to agriculture. Upon instructor approval, students will research, design, and implement individual projects. Students will be mentored by an agriculture teacher and may be assigned a class time in conjunction with other agriculture courses.

**Work Based Learning (.5 credit)****6071 (1st semester)****6081 ( 2nd semester)** Grade: 11, 12

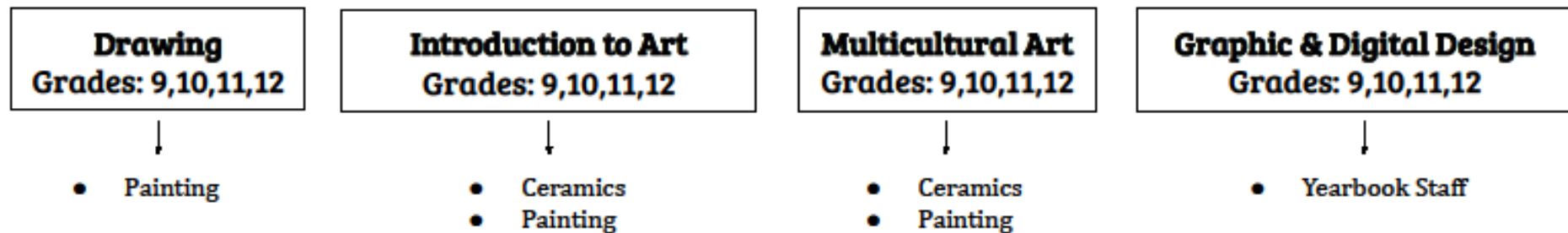
Do you want to be **SUCCESSFUL** in your higher education and the next stage of your life? Are you missing the link that connects the classroom to career opportunities? If so, then you should consider taking this course! Self-motivated students who are interested in taking charge of their career development will gain valuable experience in a career they are interested in. During the semester, students will work with the instructor to find placements that fit their career interests. this class will meet in person for the first two weeks of the semester and the last week of the semester. In between students will be at the internship site each day during the class period. While in class, students will develop their career plan, study workplace safety & regulations and have leadership opportunities. Students will also prepare for job seeking by developing their resume, cover letter and interviewing skills.



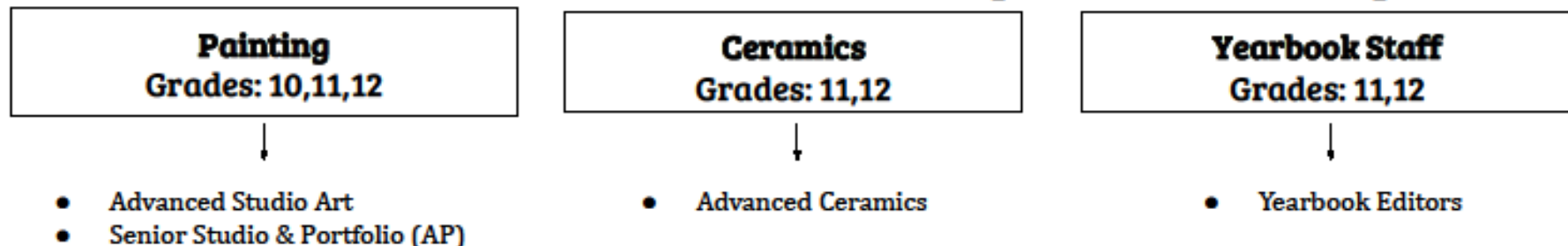
# Art Sequence

- Students must successfully pass the courses listed in **bold** before they are able to sign up for sequential courses. Sequential courses are listed underneath each course.

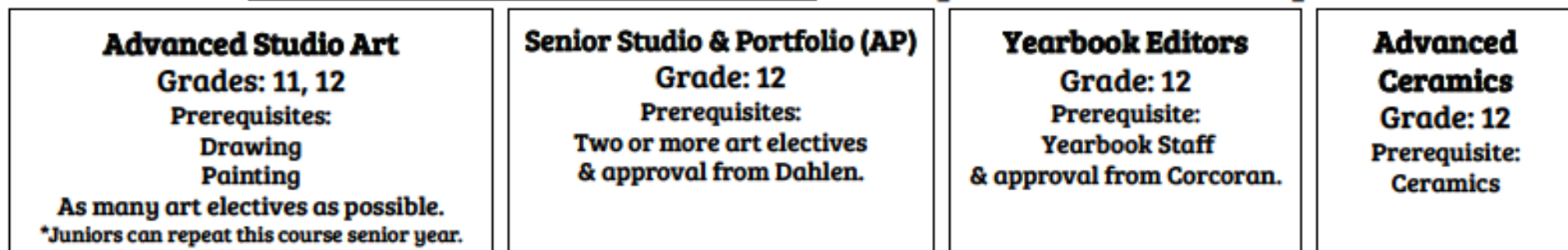
## Introductory Level Art Courses: No Prerequisites Required



## Intermediate Level Art Courses: Prerequisite Courses Required



## Advanced Level Art Courses: Prerequisite Courses Required



# Art

**WAPS courses in Art will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

## **8001 Introduction to Art (.5 credit)**

Grades: 9, 10, 11, 12

This course introduces the student to the basic fundamentals of art. It allows for exploration in various media. It is a prerequisite for many advanced art classes. The Elements of Art and the Principles of Design, color theory, drawing, sculpture, painting, printmaking, and art history are some of the major areas of study within the class. A materials fee is required.

## **8163 Ceramics (.5 credit)**

Grades: 11, 12

**Prerequisite: Introduction to Art or Multicultural Art**

The student's portfolio will reflect knowledge of ceramic terminology and a variety of hand built and wheel-thrown methods. Both functional and nonfunctional forms will be explored. Journal documentation of building and glaze methods will be a major emphasis of the class. A materials fee is required.

## **8011 Drawing (.5 credit)**

Grades: 9, 10, 11, 12

This is a foundation course in drawing skills and observation. Additionally, it is a prerequisite for many advanced art classes. Students work with the following art media: pencil shading, color pencil and marker drawing, ink hatching, charcoal drawing, and watercolor illustration. Students explore the following subject matter and art concepts: drawing from life, contour drawing, human portraiture, commercial art applications, and color theory. A materials fee is required.

## **8173 Advanced Ceramics (.5 credit)**

Grades: 11, 12

**Prerequisite: Ceramics**

This course is designed to provide students with advanced opportunities in the ceramics area. Structured assignments will build upon skills introduced in Ceramics. Explorations in the media will include: the mastery of hand building and wheel throwing techniques, expanded knowledge of sculptural clay possibilities, and the opportunity to further build the foundation of glazing and other finish methods. A materials fee is required.

## **8031 Multicultural Art (.5 credit)**

Grades: 9, 10, 11, 12

Students explore the cultural and historical foundation of art and techniques reflected in the world around us. Considering the original intent of regional or tribal art, students will go on to create their own interpretation of those themes. Students will use a broad range of materials and be encouraged to incorporate their own life experiences, personal backgrounds and preferences. Through this course of study students will gain a greater understanding of others from a cultural and historical perspective. A materials fee is required.

## **8182 Graphic and Digital Design (.5 credit)**

Grades: 9, 10, 11, 12

Graphic and Digital Design is an introductory level course for students interested in Photography, Illustration, Animation, and Website Layout Design. Students will be introduced to a variety of digital programs, used to enhance their media arts skills.

## **8112 Painting (.5 credit)**

Grades: 10, 11, 12

**Prerequisite: Introduction to Art or Drawing**

Students create a diverse portfolio of work while developing creative and technical skills. The areas of watercolor and acrylic canvas painting are explored. Color theory and/or the study of cultural/historical periods will supplement studio activities. Students gain exposure to traditional subject matter as well as expressive and abstracted approaches to painting. A materials fee is required.

**8214-8224 AP Senior Studio & Portfolio (1 credit)**

Grade: 12      **Prerequisite: Instructor approval and 2 or more art electives**

This yearlong course is designed for 12th grade students who are seriously committed to developing a portfolio which represents their abilities and knowledge in the visual arts area. AP Senior Studio & Portfolio guides students through the preparation of an AP Drawing or AP 2-D Art and Design portfolio, to be submitted to the AP CollegeBoard for evaluation at the end of the school year. College credit and/or Advanced Placement credit will be awarded by colleges and universities according to individual institutional policies. See a counselor for clarifications. AP Senior Studio \*Portfolio will run concurrently with Advanced Studio Art, therefore, AP students must be capable of demonstrating independent work habits. Students will be expected to reflect on their artwork with written reflections, written artist statements and through peer art critiques. AP students will also participate in a Senior Art Show at the end of the school year. A materials fee is required. **\*To Participate in this course, instructor approval is required. Students must present artwork for review before entrance into the course.\***

**8212      Advanced Studio Art (.5 credit)**

Grade: 11,12      **Prerequisite: Drawing and Painting, and as many art electives as possible.**

Advanced Studio Art will allow junior and senior students to build upon 2-D artistic knowledge that they have learned in previous art courses. This course will provide opportunities to explore the visual expression of ideas through drawing, painting, and digital art media. This course is for students who are self-motivated, with a great work ethic and a passion for art. Students will enhance technical art skills, develop a more sophisticated approach to process and subject matter, and they will create a portfolio of work. The studio environment of the course will be used to support art critiques that promote analysis, reflection and refinement of artwork. Advanced Studio Art seniors will have the option to participate in an end of the year Senior Art Show. Advanced Studio Art juniors will be allowed to repeat this course their senior year.

**8244-8254 Yearbook Editors ( 1 credit)**

Grade: 12      **Prerequisite: Yearbook Staff and Instructor approval**

Yearbook editors are experienced yearbook staff members who have chosen leadership roles in the successful production of the yearbook. Responsibilities will require summer meetings prior to the school year to determine the theme, section layouts, book plan, and cover design. As editors, students are expected to take on leadership positions, direct and assist the efforts of the staff, and are responsible for all final editing prior to production. Responsibilities extend throughout the school year. **\*To participate in this course instructor approval is required.**

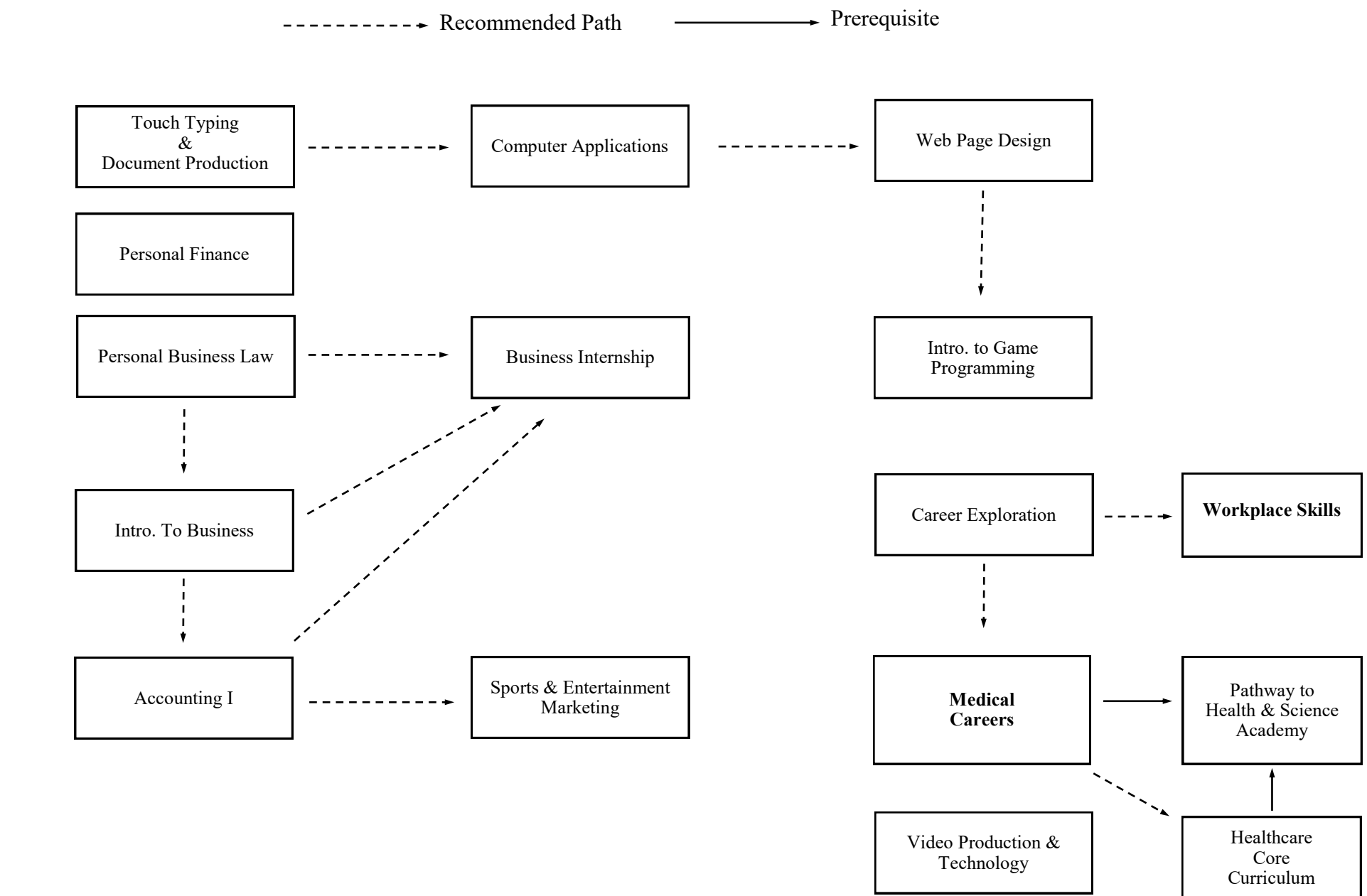
**8243      Yearbook Staff (.5 credit)**

Grades: 11, 12      **Prerequisite: Graphic and Digital Design**

Our Winona Senior High School yearbook is created by students participating in this class. Students entering into this class should have a strong interest in writing, computers and photography. The yearbook is produced on a computer, using digital images and online software. Students will learn about basic graphic design layouts and they will collaborate with their peers to create yearbook pages. **\*This course will require participation in activities outside of the regular school day and possibly on weekends.**



## Business & Technology Sequence





## Business

**WAPS courses in Business will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

### **6011 Touch Typing & Document Production (Keyboarding) (.5 credit)**

Grade: 9, 10, 11, 12

This course (formerly Keyboarding 1) will focus on computer skills needed for rigorous academic work. The following areas will be covered in the course: efficient use of the keyboard with effective keyboarding techniques (touch typing); knowledge of how to use Microsoft Word to develop formal letters, create tables, format outlines and produce research reports. Students will learn document processing skills relative to post-secondary education and employability skills. Students will also learn the valuable skill of proofreading.

### **603H Introduction to Business (.5 credit)**

Grades: 11, 12

Students learn about the major activities associated with operating a business, including marketing, finance, management, operations, and human resources. Students will learn basic concepts and terminology associated with business, compete with classmates through a business simulation, and develop a business plan. This is a blended class that will combine in-class teaching and formal assessments with online materials that will be available for those students who are able to learn independently. Typically, about 20% of the material will be delivered face-to-face with the other 80% available online.

### **6061 Career Exploration (.5 credit)**

Grades: 9, 10, 11, 12

Students will explore various career options using the Career Choices curriculum. Students will focus on creating future goals and exploring coursework and career paths that will best enable them to achieve these goals. Within this framework of exploring career options, students will learn a process of decision-making that can be applied to other aspects of their lives. The students will budget a lifestyle they would like to live in the future and see how much this lifestyle will cost and then create a more realistic budget for living on their own after graduation.

### **6065 Workplace Skills (.5 credit)**

Grade: 11

This Course is for students who expect to join the workforce upon graduation AND for students who want to acquire the soft skills that will be needed for successful future employability. The course is ARTICULATED with Minnesota State College Southeast, so students can potentially acquire 1 credit from WSHS plus up to 2 credits from Minnesota State College Southeast.

### **6132 Personal Finance/Financial Literacy (.5 credit)**

Grades: 10, 11, 12

Whether pursuing further education or entering the work force, after completing high school, most students begin independent living and become responsible for managing their finances. In this course, students will master skills they will need for the rest of their lives to handle their personal finances responsibly and with financial literacy. Students will learn about personal budgets, checks, debit cards, credit, savings, investments, taxes, buying decisions, mortgages, loans, consumer rights, financial risk, and identity theft.

### **6152 Personal Business Law (.5 credit)**

Grades: 10, 11, 12 Offered alternate years. Offered in 2020-2021

This course will show you how your inquiring mind and ability to express opinions and make logical arguments could help you in a career based on the law. Not only will you learn about personal decisions with legal implications but you will also get a solid introduction to the concepts of business law, including the kinds of law, civil and criminal cases, consumer protection, contract law, employee-employer relationships, checks, promissory notes, bankruptcy, and repossessions. You'll even take part in a mock trial!

### **6213 Accounting I (.5 credit)**

Grades: 11, 12

This course will show you how your skills at solving puzzles and balancing your checkbook might lead you to a career in financial accounting! This course will also introduce you to the principles of double-entry accounting by showing you how to handle the accounting needs of a single proprietorship service business. You will gain the skills needed for a post-secondary study of accounting and an overview of how accounting is important to businesses.

### **6304 Business Internship (.5 credit)**

Grade: 12 **Prerequisite: Pre-approval of department.**

This course will give you an opportunity to gain practical, on-the-job experience by spending part of your day in a real-world business.. This is an ideal course to "explore" the world of work and learn what it really takes to run a business. **This course WILL require participation in activities outside of the regular school day. For more information see a department representative.**

**6421 Web Page Design (.5 credit)**

Grades: 9, 10, 11, 12

This course will show you how to use the Internet more effectively and to create your own web pages with pizzazz and animation. Students will learn to analyze websites and their uses and limitations. You will use HTML, cascading style sheets (CSS) and JavaScript to develop a variety of web pages and acquire skills to allow you to design and create websites for fun and for profit.

**6592 Introduction to Game Programming (.5 credit)**

Grades: 9, 10, 11, 12

Students will learn basic fundamentals of computer programming using examples that are games and gaming-oriented. Students do not need any prior experience with programming or any special math skills.

**646H Sports & Entertainment Marketing (.5 credit)**

Grades: 11, 12

This course will help you find out if you are interested in a career in marketing, especially in the exciting fields of sports and entertainment! Students will explore the basic marketing functions and marketing mix: product, price, place, and promotion. Most of the real-world examples will focus on the sports and entertainment world. You will explore concepts like target markets, advertising, publicity, placement, branding, licensing, sponsorship, and endorsement. This is a blended course that will combine in-class teaching and formal assessments with online materials that will be available for those students who are able to learn independently. Typically, about 60% of the material will be delivered face-to-face with the other 40% available online.

**654H Video Production & Technology (.5 credit)**

Grades: 11, 12

The course is designed to give students a basic understanding of video technologies and their applications. Areas of instruction will include camera operation, audio recording, composing, writing for video, writing for HAWKNOW.org (the online school blog) and video editing. Students will use class time to learn and polish video production techniques by creating different projects with some being posted to the blog. Students will also learn communication skills by producing television segments, PSAs, videos, and posting content onto HAWKNOW, etc. Both individual and group work is involved in putting together specially assigned projects.

**651H Computer Applications: Documents, Spreadsheets, & Presentations (.5 credit)**

Grades: 9, 10, 11, 12

Students will learn how to make schoolwork easier and results more professional. You will gain skills you'll be able to use not only in school but in whatever career you choose to pursue! Students will learn to create professional-looking reports, spreadsheets, and presentations. This is a blended course for 11th and 12th grade students who are able to do the work outside of the classroom; **9th and 10th grade students will NOT be allowed to work outside the classroom during class hours.** Face-to-face time will vary by topic but commonly will be approximately 20-40% of the total time, with online/outside class work the other 60-80%. Any student who does not have the computer applications readily available at home may do the work in the classroom. In addition, any student needing assistance with any of the technology may come in to class whenever extra guidance is needed.

**Work Based Learning (.5 credit)****6071 (1st semester)****6081 (2nd semester)**

Grade: 11, 12

Do you want to be SUCCESSFUL in your higher education and the next stage of your life? Are you missing the link that connects the classroom to career opportunities? If so, then you should consider taking this course! Self-motivated students who are interested in taking charge of their career development will gain valuable experience in a career they are interested in. During the semester, students will work with the instructor to find placements that fit their career interests. this class will meet in person for the first two weeks of the semester and the last week of the semester. In between students will be at the internship site each day during the class period. While in class, students will develop their career plan, study workplace safety & regulations and have leadership opportunities. Students will also prepare for job seeking by developing their resume, cover letter and interviewing skills.

**9413 Medical Careers (.5 credit)**

Grade: 11, 12

This course offers students the opportunity to learn about a variety of medial careers that may interest them in a future medical career. While enrolled in the class you will learn about legal & ethical responsibilities, health careers, and job seeking skills.

**\*Course is articulated with MN State Southeast for college credit.**

## English Sequence

### Freshmen English Requirements

#### Must choose one

1001-1011 Essential English 9  
1051-1061 English 9  
1081-1091 Honors English 9

### Sophomore Requirements

#### Must choose one

1622-1632 English 10  
1642-1652 Honors English 10

### Junior Requirements & Electives

#### High School Diploma or Two-Year College Bound

##### Must Choose One

1193 Mass Communications  
1243 Cultural Voices  
1303 American Greats  
1363 Contemporary Teen Literature

##### Must Choose

1423-1433 Language & Composition

##### Elective Credit Only

1393 Creative Writing

#### Four-Year College Bound

##### Must Choose One

1193 Mass Communications  
1243 Cultural Voices  
1303 American Greats  
1313 Honors American Greats

##### Must Choose One

1423-1433 Language & Composition  
1463-1473 AP Language & Composition

##### Elective Credit Only

1393 Creative Writing

### Senior Requirements & Electives

#### HS Diploma or Two-Year College Bound

##### Must Choose One

1193 Mass Communications  
1243 Cultural Voices  
1303 American Greats  
1363 Contemporary Teen Literature

##### Must Choose

1604 Senior Writing

##### Elective Credit Only

1393 Creative Writing

#### Four-Year College Bound

##### Must Choose One

1193 Mass Communications  
1243 Cultural Voices  
1303 American Greats  
1313 Honors American Greats

##### Must Choose One

1604 Senior Writing  
1634 - 1644 AP Literature & Composition

##### Elective Credit Only

1393 Creative Writing



## English

**WAPS courses in English will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

### 9th Grade - Required (Choose One)

#### **1001-1011      Essential English 9 (1 credit)**

This course is intended to help increase reading and writing skills. Basic units in writing, literature and spelling are also taught. Students will be registered for this course based on test scores and teacher recommendation.

#### **1051-1061      English 9 (1 credit)**

This course is required of all ninth grade students and is composed of units in writing and literature, including short stories, *Romeo and Juliet*, and excerpts from *The Odyssey*. Emphasis is given to methods of paragraph organization, descriptive writing, and the full process essay. Spelling and vocabulary are also taught and parts of speech reviewed.

#### **1081-1091      Honors English 9 (1 credit)**

This pre-AP course is designed for students who plan to attend a four-year college/university and may decide at some point to participate in honors-level courses in high school. Middle school teachers' recommendations and appropriate standardized test scores are predictors of success. Emphasis is given to reading, writing, and critical thinking skills through the studies of *Romeo and Juliet*, selected short stories, poetry, and novels including *Lord of the Flies* and *Feed*, excerpts from *The Iliad* and *The Odyssey*, extensive essay writing, and a unit in descriptive writing, including parts of speech.

### 10th Grade - Required (Choose One)

#### **1622-1632      English 10 (1 credit)**

**Prerequisites: Successful completion of Essential English 9, English 9, or Honors English 9**

English 10 is a course required of all students\* for graduation. It is composed of basic units in writing, literature, and speaking. The course introduces students to significant modern and contemporary American authors through fiction and nonfiction writings, as well as selections from the literary canon. The course will develop writing and thinking skills through assignments in paragraphs and essays, grammar and usage, vocabulary building, and speech constructions. Students will also increase knowledge and performance of basic communication skills by creating and performing speeches of both expository and persuasive types. \*replacement and AP students exempted

#### **1642-1652      Honors English 10 (1 credit)**

Recommended for students who have self-selected honors level English in the past, or for those who have received teacher recommendation to move up to the honors level. This course is composed of basic units in writing, literature, and speaking. The course introduces students to significant modern and contemporary American authors through fiction and nonfiction writings, as well as selections from the literary canon. The course will develop writing and thinking skills through assignments in paragraphs and essays, grammar and usage, vocabulary building, and speech construction. Students will increase knowledge and performance of basic communication skills by creating and performing speeches of both expository and persuasive types. Performing speeches is a required component of this course.

## 11th Grade - Required Writing (Choose One)

**1423 - 1433 Language and Composition I and II (1 credit)**  
 Grade: 11 **Prerequisites: Successful completion of Essential English 9, English 9 or Honors English 9, English 10 or Honors English 10**

Language and Composition I & II is a course required of all \* 11th grade students for graduation. It is composed of basic units in grammar and writing, focusing on the intentional integration of grammatical structures within expository, persuasive and impromptu writing. Students will focus on developing a more mature writing style for target audiences. \*replacement and AP students exempted

**1463 - 1473 AP Language and Composition (1 credit)**  
 Grade: 11

This course, designed as a precursor and companion to the AP Literature and Composition course offered during the senior year, provides rigorous training in two primary areas—the rhetorical analysis of nonfiction prose texts and the writing of academic essays. College-bound students will practice crafting original arguments in response to prompts, using source material to support arguments, and wielding rhetorical terms in making skilled analyses. In addition, students will prepare for and take the national Advanced Placement English Language and Composition Examination, which determines college credit and/or advanced placement eligibility. Successful completion of class requirement requires participation in both/all terms.

## 12th Grade - Required Writing (Choose One)

**1634 - 1644 AP Literature and Composition (1 credit)**  
 Grade: 12

This College Board approved collaboratively designed literature and composition course engages students in careful reading and critical analysis of literature, both classic and modern. Through the close reading of selected texts, students should deepen their understanding of diction and syntax and how writers use both to establish meaning for their readers. The dialoguing of rhetoric is crucial to the understanding of the curriculum, and therefore, is expected and assessed. In addition, students prepare for and take the National Advanced Placement English Literature and Composition Examination, which determines college credit and/or advanced placement eligibility. Successful completion of class requirement requires participation in both/all terms.

**1624 Senior Writing ( .5 credit)**  
 Grade: 12 **Prerequisites: Successful completion of Language and Composition I & II or AP Language and Composition I & II**

Senior Writing is a course required of all students\* for graduation. It provides a common set of skills from basic communication; to creation, analysis, and critical thinking of post secondary level publications; to gathering, filtering and composing information for researched writing, including business communications, processed essay writing, and a documented research paper.  
 \*replacement and AP students exempted

**1620 College Writing—Concurrent Enrollment ( .5 credit) -**  
 Grade: 11, 12 **Prerequisites: As per Minnesota State College—Southeast's admissions policy, which is based on GPA or a minimum score on the MCA, ACT or Accuplacer. Students interested in the course can take the Accuplacer if the other criteria are not met.**

This course involves: expository writing based experiences, direct observation of visual prompts research and reading with an emphasis on critical thinking skills, use of rhetorical strategies, and analysis various writing styles.

## Grade 11 & 12 Electives

### **1303 American Greats (.5 credit)**

Grades: 11, 12

Students will gain an awareness and knowledge of some of America's greatest authors from the Puritans to Mark Twain, including Hawthorne, Poe, and Dickinson. The course will center on the philosophies, culture, and writing styles of our early American writers. Students will develop their thinking and writing skills through required reading, discussion of the authors' works, and analytical essay writing. This course requires reading outside of class time.

### **1313 Honors American Greats (.5 credit)**

Grades: 11, 12

This course for 4-year-college-bound students introduces major early American authors from the Puritans to Mark Twain, including Hawthorne, Poe, and Dickinson. Students will analyze the cultural periods, writing styles, and philosophies of these authors. This course is designed for upper-ability students who want to improve both thinking and writing skills through discussions and through expressive, interpretive, and analytical writing assignments.

### **1363 Contemporary Teen Literature (.5 credit)**

Grades: 11, 12

This course promotes lifelong reading by matching students with novels or nonfiction works that appeal specifically to their interests. Students will read four full-length works, primarily found within (but not limited to) the Teen Literature Library of contemporary literature written for and about teenagers. For each of these works, students will complete a dialectical journal; this assignment, along with a final project, accounts for most of the course grade. Students will also complete book summaries, book reviews, and free writes. Students will practice speaking, listening, and dialectical skills by participating in frequent discussions and by viewing the four films that match the four course concepts.

### **1193 Mass Communications (.5 credit)**

Grades: 11, 12

This course is designed to examine the role of mass media in society. Students will study the areas of newspaper, radio, television, magazines, social media, and advertising. Ultimately, discussion centers around how each area influences and affects all of us and the world in which we live. Reading, writing, discussion, and performing are all necessary to succeed in this class. Projects and assignments are completed throughout the course.

### **1393 Creative Writing (.5 credit)**

Grades: 11, 12

Creative writers will study and practice the techniques of successful writers while keeping a freewriting journal and writing poetry, short stories, and essays. Focus is on experimenting with numerous techniques and forms, along with sharing and critiquing of writing in small groups and individually. A final portfolio of best writing pieces culminates the course. Please note: This course is an English elective; it does NOT fulfill the junior or senior writing requirement. This course may require participation in activities outside of the regular school day. For more information see a department representative. **(This course meets the Fine Arts requirement.)**

### **1243 Cultural Voices (.5 credit)**

Grades: 11, 12

Students will experience a variety of multicultural literature from and about major ethnic groups within the United States that will foster acceptance and understanding of differences free of stereotype and bias. Reading (a minimum of four novels), presentations, listening, films, and small/large group activities will develop the critical thinking skills of interpretation, analysis, and synthesis.

## English Learners ( EL)

All EL classes require placement by the EL teacher based on the ACCESS test scores

WAPS courses in English Learning will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.

### English Learners (EL) Levels 1-2 (2 credits) (Z131-1, Z131-2, Z131-3, Z131-4)

Grades: 9, 10, 11, 12      **Prerequisite:** Placement by EL teacher

This course is for students with ACCESS scores between 1.0—2.9 (WIDA levels Entering or Beginning). Students will develop their English language proficiency in reading, writing, speaking, and listening. Curriculum is based on WIDA Standards for English Learners of Level 1 or 2. Required English credit or elective credit will be determined according to grade. Students should be registered for all four terms.

### English Learners (EL) Levels 3-4 (1 credit) (Z101—Z102)

Grades: 9, 10, 11, 12      **Prerequisite:** Placement by EL teacher

This course is for students with overall ACCESS scores between 3.0 and 4.4 (WIDA level Expanding). Students will develop their English language proficiency in reading, writing, speaking, and listening. Curriculum is based on WIDA Standards for English Learners of levels 3 & 4 and Minnesota English Language Arts Standards. Required English credit or elective credit will be determined according to grade. Students should be registered for both semesters.

### English Learners (EL) Levels 2-3 (2 credits) (Z132-1, Z132-2, Z132-3, Z132-4)

Grades: 9, 10, 11, 12      **Prerequisite:** Placement by EL teacher

This course is for students with ACCESS scores between 2.0 and 3.9 (WIDA level Developing) and/or two or more domains of 3.9 or lower. Students will develop their English language proficiency in reading, writing, speaking, and listening. Curriculum is based on WIDA Standards for English Learners of levels 2 & 3 and Minnesota English Language Arts Standards. Required English credit or elective credit will be determined according to grade. Students should be registered for all four terms.

### English Learners (EL) Levels 1-4 Academic Support ( .5 or 1 credit) (Z201, Z202)

Grades: 9, 10, 11, 12      **Prerequisite:** Placement by EL teacher

This course is for students with an ACCESS score below 4.5 in one or more domains. Students will develop their English language proficiency in reading, writing, speaking, and listening. Students will receive academic support in their other classes, with the help of interpreters when available. This is an elective credit that can be taken for one or two semesters, based on student need.

## Elective Education Classes

WAPS courses in Education Electives will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.

### 9440 Introduction to Education: St. Mary's PACC Course (.5 credit)

Grades: 11, 12

This course is intended to give students with an interest in education a general overview of teaching as a career. Particular focus will be placed on the types of knowledge, skills, and dispositions the faculty deems central to the preparation of future teachers.

### 9992 Avid Peer Tutoring (.5 credit)

Grades: 11, 12

AVID Peer Tutors will receive hands-on experience in the 9th or 10th grade AVID classroom. Peer Tutors are enrolled in the class and will receive a grade based on a rubric of expectations, and are expected to maintain the same requirements as regular AVID students. Duties of AVID Peer Tutors include: Facilitating large and small group discussions; Serving as a mentor and role model to AVID students; Organizing and maintaining AVID materials and supplies; Providing one-on-one and small group tutoring and homework help; Assisting during AVID college visits.

## Family and Consumer Sciences (FACS)

**WAPS courses in Family and Consumer Sciences will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

### **7601 Food for a Healthy Lifestyle (.5 credit)**

Grades: 9, 10, 11, 12

This class is for beginning cooks who would like to prepare quick, healthy, and delicious meals and snacks while improving their general health. The USDA's Dietary Guidelines for Americans and My Plate are used in this class as students employ computer technology for nutrient analysis, prepare nutritious foods, research contemporary issues in nutrition and health. Students will gain nutritional knowledge, assess their own dietary habits, and make appropriate changes in behavior as they learn basic cooking techniques, safety and sanitation, and the use of time-saving appliances. This class will include labs, projects and papers as assessments.

### **7611 Introduction to Culinary Arts (.5 credit)**

Grades: 9, 10, 11, 12

Do you like to wear a chef's coat and hat? Then this course is for you! This course introduces students to basic culinary skills which include safety and sanitation, knife skills, adapting recipes, and food preparation. Students will explore textures and flavors as they participate in food tastings. Kitchen groups compete in a Food Truck Challenge, a Chili Cook-off, and a spice competition. There could also be an opportunity to participate in a SE Culinary Competition. This is a great class to prepare students to engage in the culinary world, whether it is in food service or cooking for friends & family.

### **7621 Baking & Pastry Arts (.5 credit)**

Grades: 9, 10, 11, 12

This technical laboratory course focuses on basic skills necessary in the Baking and Pastry Arts. The students will apply the knowledge and skills of how basic ingredients function, baking/pastry vocabulary, and mixing techniques to produce baking/pastry products. Students will develop skills in basic bread and pastry techniques to produce breads, muffins, biscuits, pies, pretzels, donuts, scones, popovers and cinnamon rolls. Students will also compete in a Cupcake Wars Challenge.

### **7633 Advanced Baking & Pastry Arts (.5 credit)**

Grades: 9, 10, 11, 12      **Prerequisite: Baking & Pastry Arts**

In this technical laboratory course, students will develop advanced skills in the creation of breads and pastry techniques to produce artisan breads, laminated dough, decorated cakes, pastries, custards, and mousse. The students will enjoy an expanded curriculum where they apply the knowledge and skills of how basic ingredients function, baking/pastry vocabulary, and mixing techniques to produce baking/pastry products. The attention to detail and artistic flair are key skills that further develop during this class.

### **7605 Foods of the World (.5 credit)**

Grades: 9, 10, 11, 12

Take a culinary world tour to experience the flavor of countries around the world. We will begin by preparing a variety of authentic foods from different regions of the United States. We will focus on the immigrants that immigrated and what foods they brought from their homelands starting in Minnesota and Wisconsin focusing on food from Germany, Scandinavia, and Italy. In New England we focus on Native American foods and foods from the United Kingdom. California and the SW brings Latin American and Asian cuisine and the deep south brings us French, Jamaican and African American treats. We will then travel the globe to explore and prepare a variety of cultural foods including Asian, Italian, Mexican, French, German, and Scandinavian foods. Possible guests will open your eyes to a wide variety of food preparation techniques and tastes. The final experience will be an in-depth project that you choose on a culture of your choice. Bon Appetit! Let's Eat! Guten Appetit! Vaer så god! ¡Buen provecho! Maybe you would even like to share your own culture with us!

### **790H Independent Living (.5 credit)**

Grade: 12

This course will cover topics for students concerning the challenges of moving out on their own, whether it is to an apartment or getting ready for dorm life. The following topics will be covered: finding and furnishing a place to live, landlord issues, getting along with roommates, surviving on a budget, supermarket strategies, basic kitchen survival, clothing care, and home and auto maintenance. Sean Covey's *Seven Habits of Highly Effective Teens* will be utilized for classroom activities and online discussion. Students will be in class approximately three days a week and will engage online outside of class for the other two days.

### **7644 Hospitality and Tourism (.5 credit)**

Grade: 11, 12

Are you the adventurous type: Do you like to travel? Do you want to be a leader and work in a fast paced environment? Then possibly a career in the hospitality industry could be for you. This career pathway offers many opportunities and it is one of the largest industries in the world. The hospitality industry is now the second largest employer in Rochester and one of the largest in Winona. Students will explore various careers related to the hospitality industry, including Food & Beverage Management, Hotel and Restaurant Management, Lodging, Travel & Tourism, Club Management, Event Planning, and Marketing and Sales. Try your hand at catering, practice with a simulated lodging experience, plan a simulated or real tourism event for the Winona area, create brochures, cost out food, and plan an event. Students may partake in career exploration assignments, job shadows and field trips. Guest speakers will also be a part of the class experience.

## Child Development Courses

The child development program is a childcare/human services program based on real-world child development occupations and will provide excellent opportunities for students interested in such fields as education, social work, or early childhood education.

### **764H Early Child Development: Preschool to Kindergarten (1 credits)**

Grades: 11, 12

This course combines the best of in-class teaching with online learning and practical experience in real classrooms to promote active independent learning. The course covers the process of human development from preschool through kindergarten as determined by heredity, society, and personal human interaction with an emphasis on established child development theory and implications for child guidance. Students will spend a portion of their time in class, a portion online, as well as master child development career skills and training through placement in childcare centers and classrooms. Students are responsible for transportation. If transportation is a concern, see the course instructor.

### **781H Infant & Toddler Development (.5 credit)**

Grades: 11, 12

If you are interested in a career in education, pediatrics, health care, psychology, or are just curious about how babies develop into a little person, this course is for you. Infant and Toddler Development covers the process of human development from conception through the toddler years as determined by heredity, society, and personal human interaction with an emphasis on established child development theory and implications for child guidance. Hands on experience will be part of this class, using the Empathy Belly which simulates pregnancy and caring for a newborn firsthand with Real Care infant simulators. Students will be in class approximately three days a week and will engage online outside of class for the other two days.

## **Work Based Learning (.5 credit)**

**6071 (1st semester)**

**6081 (2nd semester)**

Grade: 11, 12

Do you want to be **SUCCESSFUL** in your higher education and the next stage of your life? Are you missing the link that connects the classroom to career opportunities? If so, then you should consider taking this course! Self-motivated students who are interested in taking charge of their career development will gain valuable experience in a career they are interested in. During the semester, students will work with the instructor to find placements that fit their career interests. this class will meet in person for the first two weeks of the semester and the last week of the semester. In between students will be at the internship site each day during the class period. While in class, students will develop their career plan, study workplace safety & regulations and have leadership opportunities. Students will also prepare for job seeking by developing their resume, cover letter and interviewing skills.

## Health & Physical Education

**WAPS courses in Health & Physical Education will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

### Physical Education 1 - Required (Choose One)

Physical Education 1 is the prerequisite to all other P.E classes. Successful completion is required before advancing to any P.E electives. It is highly recommended that P.E 1 be completed in 9th grade.

#### **9041 Physical Education 1 - Team Sports (.5 credit)**

This course will cover aquatics, fitness, dance, and to experience the HOPF fitness center, and team sports such as: volleyball, basketball, softball and other team sports

#### **9044 Physical Education 1 - Individual/Partner activities (.5 credit)**

This course will cover aquatics, fitness, dance and an opportunity to experience the HOPF Fitness Center and activities such as: Badminton snow shoeing, yard games and other individual/partner activities

### Grade 10 - Required

#### **9132 Health 10 (.5 credit)**

This is a .5 credit required course, which will meet daily and may be taken any term during the school year. Units of study will include topics in mental wellness, nutrition, suicide and depression, family life, drugs and alcohol, cardiopulmonary resuscitation (CPR), first aid, and the use of automated external defibrillator (AED).

### Grades 9-12 Electives

Classes in the physical education department emphasize health-related fitness and developing skills and habits necessary for a lifetime of activity and wellness. This coeducational program includes skill development, application of rules, and strategies of various activities leading to lifelong fitness. Students participate in a variety of fitness activities appropriate to the facilities at the site. Ongoing assessments include grade level appropriate and performance skill evaluations per unit.

Any student desiring a personal commitment to wellness; lifetime activity; and fitness for enjoyment, challenge, self-expression, and social interaction may select courses multiple times as their schedule allows.

#### **9102 Net & Target Games (.5 credit)**

Grades: 9, 10, 11, 12      **Prerequisite: Successful completion of P.E. 1**

This course will include a variety of sports that require a net which includes; volleyball, badminton, pickle ball, spikeball, table tennis, etc. It will also include a variety of sports that require a target. This includes golf, archery, frisbee golf, bocce ball, bean bags, etc. This class may be taken multiple times.

#### **9273 Personal Fitness (.5 credit)**

Grades: 9, 10, 11, 12      **Prerequisite: Successful completion of P.E. 1**

This elective course will include various personal fitness activities including; yoga, strength training, cardio, swimming, biking, etc. This class may be taken multiple times.

**9262 Introduction to Resistance Training - Hopf Fitness Center (.5 credit)****Grades:** 9, 10, 11, 12      **Prerequisite:** Successful completion of P.E. 1

This course will introduce students to resistance training in the Hopf Fitness Center. The students will learn proper lift and spot techniques with an emphasis on safety. Individual strength improvement programs will be developed with the course instructor. This course is a prerequisite for Strength Training 9222, and can only be taken once.

**9222 Strength Training - Hopf Fitness Center (.5 credit)****Grades:** 10, 11, 12      **Prerequisite:** Successful completion of Intro. to Resistance Training

Strength training is a key component to overall health and fitness. This course is designed to provide students with opportunities in the area of strength development and physical fitness. Students will develop fitness plans, and work to achieve fitness goals through regular participation. Individual plans will evolve as each student's skills increase. This class may be taken multiple times.

**9302 Outdoor Education (.5 credit)****Grades:** 9, 10, 11, 12      **Prerequisite:** Successful completion of P.E. 1

This course will include a variety of outdoor education opportunities which include; hiking, slacklining, snowshoeing, canoeing, kayaking, paddle boarding, geocaching, fishing, archery, etc. This class maybe taken multiple times.

**9284 Unified Physical Education (.5 credit)****Grades:** 9, 10, 11, 12      **Prerequisite:** Successful completion of P.E. 1

This course combines students of all abilities to participate in developmentally appropriate activities including lifetime activities, physical fitness, and sport. Students will work together to increase competence and confidence in a variety of physical activities. Through ongoing leadership opportunities, members of this course will be empowered to help create a more inclusive and accepting school environment for all students.

**9312 Team Sports (.5 credit)****Grades:** 9, 10, 11, 12      **Prerequisite:** Successful completion of P.E. 1

This course provides the knowledge, experience, and opportunity to develop skills in team sports such as: volleyball, basketball, softball, flag football, various pool games and other team sports. The activities are always evolving and focus on developing fitness. This class may be taken multiple times.

**9161 Stress Management & Caring for Illness and Injuries (.5 credit)****Grades:** 10, 11, 12      **Prerequisite:** Successful completion of Health 10

**This course is the study of managing stress and learning how to care for illnesses and injuries. The Primary units of study include understanding stress, coping strategies, relaxation training, communication, personality traits, anger management, time managements, sleep disorders, common illnesses & injuries such as asthma, allergic reactions, diabetic emergencies, strokes, wounds, burns, concussions, head and cold illnesses, and broken bones.**

**9274 Physical Education and Health Internship (.5 credit)****Grade:** 12      **Prerequisite:** Satisfactory completion of a minimum of two terms of P.E. and PHYSICAL EDUCATION DEPARTMENT APPROVAL.

This course provides an elective opportunity for 12th grade students wishing to continue in physical education and health related activities and who are interested in pursuing a career in the field of physical education and health. The focus of the class will be to further knowledge and understanding of fitness activities, team and individual sports, to explore the field of physical education and health from a leadership position, and to develop leadership skills. A maximum of two students will be assigned to a teacher per hour. The student's responsibilities will vary with the units being taught. (This course may be taken twice.) An equipment fee is required for this course.



# Industrial Technology Course Pathways

The purpose of this document is to show the different pathways a student could move through the courses in the Industrial Technology Department. We offer courses in four different areas; Woods, Metals, Automotive, and Engineering.

There will be an introductory course for Woods, Metals, and Automotive that are prerequisites to higher level courses. Each higher level course is repeatable and can be taken up to two times (with the exception of Blueprint Development and CAD/3D Design.)

<b>Intro Courses</b>	<b>Higher Level Courses</b>
Introduction to Woods	Building Trades Advanced Woods
Introduction to Metals	Metals 2 Precision Machining 1 & 2
Introduction to Small Engines	Small Engines 2 Super Mileage Vehicle
(No Prerequisite Required)	Blueprint Development & Drafting Design CAD / 3D Design

# Industrial Technology

**WAPS courses in Industrial Technology will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

The Industrial Technology Education Department offers many beginning and advanced courses which provide life-long, practical skills for the individual regardless of future career goals. Students can explore a number of technical skill areas which can lead to the discovery of interests and abilities. Advanced courses allow for an in-depth study that permits an opportunity to develop a higher level of skills, while further testing interests and abilities.

**\*Tech Prep Course** - This class will supply the knowledge, skills, and attitudes to increase the probability for future success in programs at a technical college, including the possibility of testing out of introductory courses.

## **7092 Intro to Woods (.5 credit)**

Grade: 9, 10, 11, 12

This introductory level course involves the use of both hand and machine tools to construct a variety of projects. Emphasis is placed on safety, skills, craftsmanship, gluing, assembly and finishing. This is an activity course with its major focus placed on shop work. A materials fee is required for students to retain their projects.

\*This class will be the first class offered for woods technology courses. This class must be taken before taking either Building Trades or Advanced Woods. If you have already taken Woods 1 or Woods 9, you do not need to take this course. This class is not repeatable. \*

## **Advanced Woodworking/Finishing 1 & 2 (1 credit)**

**7113** Grade 11

**7123** Grade 12

**Prerequisite:** Intro to Woods

Students in this course will design and construct an individual wood project approved by the instructor. Emphasis is placed on project design, project construction, use of power equipment, and "craftsmanship". Materials fee information: students can secure their own materials or materials can be purchased from the school supplier. Project costs are involved. This class is repeatable up to two times.

## **7052 Intro to Metals (.5 credit)**

Grade: 9, 10, 11, 12

This course is designed for the student who would like to explore the field of metals. Time will be provided for experimentation and creativity. This course includes the following topics: use of hand tools, metal lathe operation, metal mill operation and welding. Safety in the lab is included in all units of study.

\*This will be the first class offered for metals technology courses. You must take this class before taking either Metals Fabrication 2 or Precision Machining. If you have already taken Metals Fabrication 1 or Metals Fabrication 9, you do not need to take this course. This course is not repeatable. \*

## **Building Trades (1 credit)**

**7164** Grade 11

**7174** Grade 12

**Prerequisite:** Intro to Woods

Students will learn basic building construction as it applies to standard wood frame techniques. The main project will be a utility shed which will be entirely fabricated on site with some prefabrication and finishing work done in the woodshop. Finally, we will work with Habitat for Humanity in new and renovated construction.

## **7133 Metals Fabrication 2 (.5 credit)**

Grades: 11, 12 **Prerequisite:** Intro to Metals

Students will further explore an area of the metal working industry. The student may choose from these areas: sheet metal work, machine tools, foundry, and electric welding (stick, GMAW, TIG). Emphasis is placed on safety and quality in all phases of project construction. Upon completion of the course, students will have an understanding of the skills needed for entry-level career opportunities. A materials fee is required for students to retain their project. An additional focus will be on the manufacturing industry and the skills required to be a successful employee.

## **7072 Intro to Small Engines (.5 credit)**

Grades: 9, 10, 11, 12

An understanding of engine theory, operation, and analysis are provided to the student. The main instrument of instruction is the small (4-cycle) internal combustion engine. Laboratory work consists of school engine disassembly, inspection analysis, and reassembly.

\* This will be the first class offered for Small Engines technology courses. You must take this class before taking either Small Engines 2 or Super Mileage Vehicle. If you have already taken Small Engines 1 or Small Engines 9, you do not need to take this course. This course is not repeatable. \*

**7082 Small Engines 2 (.5 credit)**

Grades: 10, 11, 12

**Prerequisite: Intro to Small Engines**

In this section the student will have the opportunity to overhaul a small engine and systematically diagnose typical small engine malfunctions. The student will be required to bring in a personal engine for overhaul in this section. Students will be responsible for the purchase of all engine parts needed to complete the overhaul operation.

**Super Mileage Vehicle Challenge (.5 credit)**

7083 Grade 11

7093 Grade 12

Students will, as a team, design, engineer, and build a vehicle from the ground up. All skills needed for this type of fabrication will be reviewed as needed. The vehicle will be built to competition standards and specifications such that it will be eligible for competition. This course may have optional participation in activities outside of the regular course time frame.

**7230 Precision Machining (.5 credit)**Grade: 10, 11, 12 **Prerequisites: Intro to Metals**

Students taking this course will be able to apply skills learned in the classrooms to the lab where they will have hands-on experience on basic machine shop equipment. Topics of study include safety, measuring parts to print, proper set up, speeds & feeds, and cutting tool usage.

**7010 Computer Aided Drafting Design (CADD)/3D Printing (.5 credit)**

Grade: 11

It will familiarize the student with CADD and computer aided machining (CAM). Students will learn the design drafting process of the Master CAM computer program. Students will learn to transfer the machining programs to machine tools. Students will also develop 2D and 3D model designs, along with producing 3D printed models.

**7235 Precision Machining 2 (.5 credit)**Grades: 11, 12 **Prerequisites: Precision Machining**

This course will familiarize the student with what can be done with both manual machine tools and computer aided machine tools used in the manufacturing process. The student will have hands-on experience with manual and computer type machines. Topics of study include setup, operation and troubleshooting on both machine types. Safety, measuring parts to print, proper set up, speeds & feeds, cutting tool usage, and manual programming of CNC machines will also be covered.

**7033 Blueprint Development & Drafting Design (.5 credit)**

Grades: 11, 12

Instruction covers the use of metal-working tools found in industry. Typical activities students will experience are the operation of the metal lathe, surface grinding to close tolerances, profile sawing of metal, and milling. In addition, information about materials, processes, and procedures will be discussed. Information covering career opportunities will be presented throughout the duration of this class.

**Agriculture School-to-Work Program/Industrial Tech Internship (.5 credit)**

7503 (1st Semester for 11th graders)

7513 (2nd Semester for 11th graders)

7523 (1st Semester for 12th graders)

7533 (2nd Semester for 12th graders)

This course is designed to offer students actual on-the-job training during the school day. Students will be provided with the opportunity to apply related in-school instruction to actual on-the-job training related to their career goals. Students are responsible for locating work station and providing transportation to and from their work station. Work stations are not limited to agriculture/industrial tech related careers and special arrangements can be made with the instructor. The class is designed to be offered during the last period of each day. Students may earn up to 4 credits in this class.

**Work Based Learning (.5 credit)**

6071 (1st semester)

6081 (2nd semester)

Grade: 11, 12

Do you want to be SUCCESSFUL in your higher education and the next stage of your life? Are you missing the link that connects the classroom to career opportunities? If so, then you should consider taking this course! Self-motivated students who are interested in taking charge of their career development will gain valuable experience in a career they are interested in. During the semester, students will work with the instructor to find placements that fit their career interests. This class will meet in person for the first two weeks of the semester and the last week of the semester. In between students will be at the internship site each day during the class period. While in class, students will develop their career plan, study workplace safety & regulations and have leadership opportunities. Students will also prepare for job seeking by developing their resume, cover letter and interviewing skills.

# Mathematics

**WAPS courses in Mathematics will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

It is the goal of the math department to have every student be successful in each math class that they choose. A student who is contemplating a mathematics-oriented career such as engineering or architecture should include as much math in their schedule as possible. Mathematics is important for each student whether they are planning on attending a technical college or a four-year college. All students are required to complete at least 3 credits in mathematics, including 1 credits in Geometry, Advanced Algebra and .5 credit in Probability and Statistics.

The mathematics department recommends that all students who are planning on attending a four-year college complete, at minimum, the following courses:

3131-3141 Geometry or 3261-3271 Honors Geometry

3322-3332 Advanced Algebra or 3362-3372 Honors Advanced Algebra

3403 Probability and Statistics or 3410-3415 AP Statistics

3423-3433 Pre-Calculus or 3443-3453 Honors Pre-Calculus

## **3001-3011 Intermediate Algebra 9 (1 credit)**

Grade: 9

This course covers the same topics and concepts as Linear and Quadratic Algebra, but at a slower pace and less in depth. Although it meets the standards required by the state of Minnesota for high school graduation, students taking this course may not be adequately prepared to go directly into a college-level math course. This course will review some of the basics of algebra and then continue into the study of linear algebra, coordinate and linear graphing, quadratic functions and radicals. It will include topics to meet the Minnesota Graduation Standards in algebraic functions, computations, and operations. **\*Scientific calculator required: TI-30XIIS**

## **3101-3111 Linear & Quadratic Algebra (1 credit)**

Grade: 9

This course will review some of the basics of algebra and then continue into the study of linear algebra, coordinate and linear graphing, quadratic functions and radicals. This course will also include topics to meet the MN Graduation Standards in algebraic functions, computations, and operations. If time allows, the course will cover a few basic geometry concepts to help students transition to geometry in the following year. **\*Scientific calculator required: TI-30XIIS**

## **3122 Quadratic Algebra (.5 credit)**

Grade: 9 \*Students enrolled in this course should also take Geometry 3231-3241.

This course includes topics such as quadratic functions and radicals. This course will also include topics to meet the Minnesota Graduation Standards in algebraic functions, computations, and operations. **\*Scientific calculator required: TI-30XIIS**

## **3051-3061 Intermediate Geometry (1 credit)**

Grades: 10, 11 **Prerequisite: Successful completion of Intermediate Algebra**

This course covers the same topics and concepts as Geometry, but at a slower pace and less in depth. Although it meets the standards required by the state of Minnesota for high school graduation, students taking this course may not be adequately prepared to go directly into a college level math course. This is an introduction of the study of plane and solid geometry. An integrated approach emphasizes applications of geometry to familiar objects and situations. Topics include logic, inductive and deductive reasoning, introduction to formal proof, similar and congruent figures, transformations, areas and volumes, introductions to trigonometry, coordinate geometry and properties of circles and polygons. **\*Scientific calculator required: TI30XIIS**

## **3131 - 3141 Geometry (1 credit)**

Grades: 9, 10, 11 **Prerequisite: Successful Completion of Linear & Quadratic Algebra**

This is an introduction to the study of plane and solid geometry. An integrated approach emphasizes applications of geometry to familiar objects and situations. Topics include logic, inductive and deductive reasoning, formal proof, similar and congruent figures, transformations, areas and volumes, introduction to trigonometry, coordinate geometry, and properties of circles and polygons. **\*Scientific calculator required TI-30XIIS**

## **3261-3271 Honors Geometry (1 credit)**

Grade: 9

Honors courses have increased rigor and pace. An integrated approach emphasizes applications of geometry to familiar objects and situations. Topics include logic, inductive and deductive reasoning, formal proof, similar and congruent figures, transformations, areas and volumes, introduction to trigonometry, coordinate geometry, and properties of circles and polygons. **\*Scientific calculator required TI-30XIIS**

**3282 - 3292 Intermediate Advanced Algebra (1 credit)**

Grades: 10, 11, 12

**Prerequisite:** Successful completion of any Geometry

This course covers the same topics and concepts as Advanced Algebra, but at a slower pace and less in depth. Although it meets the standards required by the state of Minnesota for high school graduation, students taking this course may not be adequately prepared to go directly into a college-level math course. Designed to enhance the skills learned in algebra, this course emphasizes solving various types of equations and sentence problems. Factoring, exponents, inequalities, and radical expressions are considered. This course also includes the study of complex numbers, quadratic equations, variation, systems of equations, logarithms, and trigonometry.

**\*Scientific calculator required: TI-30XIIS****3423 - 3433 Pre-Calculus (1 credit)**

Grades: 11, 12

**Prerequisite:** Advanced Algebra 3332 or Honors Advanced Algebra 3372

Topics covered include polynomial, power, rational, exponential, logistic, logarithmic, and trigonometric functions, along with applications of all, and some work with conic sections. **\*Scientific calculator required: TI-30XIIS**

**3322 - 3332 Advanced Algebra (1 credit)**

Grades: 10, 11, 12

**Prerequisite:** Geometry or Honors Geometry

Designed to enhance the skills learned in algebra, Advanced Algebra emphasizes solving various types of equations and sentence problems. Factoring, exponents, inequalities, and radical expressions are considered. This course includes the study of complex numbers, quadratic equations, analytic geometry, variation, systems of equations, logarithms, and trigonometry. This course is recommended for college-bound students. **\*Scientific calculator required: TI-30XIIS**

**3443 - 3453 AP Pre-Calculus (1 credit)**

Grades: 11, 12

**Prerequisite:** Honors Advanced Algebra or Advanced Algebra

During this course, students acquire and apply mathematical tools in real-world modeling situations in preparation for using these tools in college-level calculus. By examining scenarios, conditions, and data sets, as well as determining and validating an appropriate function model, students develop a greater comprehension of the nature and behavior of the function itself. Throughout this course, students develop and hone symbolic manipulation skills needed for future mathematics courses. Students will also solve equations and manipulate expressions for the many function types throughout the course. **\*Scientific calculator required: TI-30XIIS**

**3362 - 3372 Honors Advanced Algebra (1 credit)**

Grades: 10, 11

**Prerequisite:** Honors Geometry or Geometry

A high-potential advanced algebra class that uses a rigorous approach, this course should be taken only by those with high mathematical ability. A willingness to work independently is expected. Topics include: linear equations and systems, function notation, exponential functions, complex numbers, quadratic equations, variation, conic sections, logarithms, and trigonometry. **Scientific calculator required TI-30XIIS**

**3813 - 3823 Calculus (1 credit)**

Grades: 11, 12

**Prerequisite:** Successful completion of Pre-Calculus 3433 or Honors Pre-Calculus 3453.

This course is designed for high-potential mathematics students. It should only be taken by students of high mathematical ability who have demonstrated strong motivation and willingness to work independently. The course will cover limits and continuity, derivatives and applications, the definite integral, and integrals and applications. **\*Graphing calculator required-TI 83 Plus, TI 84 Plus**

**3373 Algebraic Functions (.5 credit)**

Grades: 11, 12

**Prerequisite:** Advanced Algebra or Inter. Advanced Algebra

This course is designed to help bridge the gap between Advance Algebra and Pre-Calculus. This makes a wonderful math choice for student who struggled with concepts in Advanced Algebra, want to improve their math foundation or want a course to help prepare them for college level math but aren't ready yet for the rigors of Pre-Calculus. Topics covered in this course include but are not limited to quadratics, higher order polynomials, exponentials, logarithms, radicals, rationales and trigonometry. By the end of the course, students should be prepared for a Pre-Calculus level course here or at a post-secondary institution. **Scientific calculator required: TI-30XIIS**

**3833 - 3843 AP Calculus (1 credit)**

Grades: 11, 12

**Prerequisite:** Successful completion of Honors Pre-Calculus.

This course is designed for students who would like to earn one semester college credit by passing the AP test. Topics include limits, derivatives, and integrals. Students will investigate concepts using analytical, graphical, numerical, and verbal methods. Students will need to be proficient in the use of a graphing calculator to explore and graph functions, solve equations, compute derivatives and integrals numerically, as well as analyze and interpret, and justify and explain results. Students will evaluate limits and use them to find derivatives and integrals. Students will learn when to use and how to calculate the values of derivatives and integrals. **Graphing calculators required: TI 83 Plus or TI 84 Plus.**

**3403 Probability and Statistics (.5 credit)**

Grades: 11, 12 **Prerequisite: Successful completion of an Adv. Algebra course.**

Students will apply algebraic skills to solving problems in the fields of probability and statistics. Topics include measures of central tendency, variability, confidence intervals, and hypothesis testing. Students will develop an awareness and appreciation for the applications of probability and statistics in a technological and information-oriented society. **\*Scientific calculator required: TI-30XIIS**

**3410-3415 AP Statistics (1 credit)**

Grades: 11, 12 **Prerequisite: Advanced Algebra 3332 or Algebraic Functions 3372**

Statistics is becoming increasingly important in a lot of careers. It is also becoming a requirement for almost all business, health care, math, social sciences and other majors in college. This course is designed for students who would like to earn one semester college credit for an introductory, non-calculus statistics course by passing the AP test. Topics include: exploring data, sampling and experimentation, anticipating patterns and statistical inference. Students will be expected to use their problem solving and writing skills as they build their understanding of these concepts. Successful completion of this course will satisfy the statistics requirement for graduation. **Graphing calculator required: TI 83 or TI 84 Plus**

## Music - Performance

**WAPS courses in Music will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

Concerts will be performed throughout the year as part of the student's assessment.  
Music courses require participation in activities/competition outside of the school day.

### Grade 9

**8421 Freshmen Band (1 credit)** (Every day, all year)  
Grade: 9

The freshmen band will consist of students who have successfully completed band requirements at the middle school and have been recommended by their previous band director. **Transfer students must successfully complete a playing audition before being registered for band.** All performances are part of the band curriculum and are mandatory.

**8411 Freshmen Choir (1 credit)** (Every day, all year)  
Grade: 9

This course is a study of music through singing, sight-singing, and choral performance. Techniques studied in the prerequisite classes will form the foundation of the freshmen choir curriculum. Individual and small group lessons on vocal techniques will be scheduled with students weekly. Members will participate in evening public performances given in conjunction with the other high school choirs. Extra-curricular groups will be open (through audition) to students exhibiting special musical ability and interest. All performances and weekly lessons are part of the choir curriculum and are mandatory.

**8431 Freshmen Orchestra (1 credit)** (Every day, all year)  
Grade: 9

Freshmen Orchestra consists of students who have successfully completed all previous orchestra requirements at the middle school level and have been recommended by their orchestra director. Transfer students should complete a playing audition before registering to ensure they are at an appropriate level to be successful in the Orchestra Program. All performances and weekly lessons are part of the orchestra curriculum and are mandatory.



## 10th - 12th Grade

### **Orchestra (1 credit)** (Every day, all year)

**8702** Grade 10

**8712** Grade 11

**8722** Grade 12

Note: Placement by director

Orchestra is the study of string music technique, string literature, full orchestra, and chamber music repertoire. Students will develop an appreciation of major orchestral literature through performance, clinics, and listening. The orchestra rehearses daily for the entire school year. **New or transfer students must audition prior to being registered for this group.** All performances and weekly lessons are part of the orchestra curriculum and are mandatory.

### **Band (1 credit)** (Every day all year)

**8802** Grade 10

**8543** Grade 11

**8553** Grade 12

**Note:** Placement by director for Concert/Symphonic Bands

The Concert and Symphonic bands will consist of all 10th-12th graders who have completed all audition requirements of the sophomore band curriculum. **New or transfer students must audition prior to being registered for this group.** The two bands will combine to form the marching band in the fall and will separate by audition at the conclusion of the marching band season. The band will rehearse on a daily basis for the entire school year. All performances are a part of the band curriculum and, therefore, participation will be considered mandatory. This course will require participation in activities/competition outside of the school day.

### **Choir (1 credit)** (Every day all year)

**8812** Grade 10

**8603** Grade 11

**8613** Grade 12

**Note:** Placement by director

Concert Choir is a select ensemble that emphasizes the development of good musicianship and familiarity with basic musical terms and symbols through application in performance. **New or transfer students must audition prior to being registered for this group.** A weekly voice lesson is scheduled and required for each member of the choir. These lessons are designed for vocal development and attention to proper interpretation. Concert Choir performs 3-4 times a year. Performances are considered “finals”, thus participation is required to receive a passing grade. Concert Choir focuses on quality repertoire, including sacred and secular works from the 16th-21st centuries, folksongs, spirituals, and multicultural music.

## Music - Courses

### **8843 –8853 College in Schools Music Theory I, II (1 credit)**

Grades: 11, 12

Music Theory integrates aspects of melody, harmony, texture, rhythm, form, musical analysis, elementary composition, and to some extent, history and style. Musicianship skills such as dictation and other listening skills, and keyboard harmony are an important part of this course. The student's ability to read and write musical notation is fundamental to this course; therefore, enrollment in a performance ensemble is strongly recommended.



## Science Sequence

### 9<sup>th</sup> grade Science Requirement

Science 9 or Honors Science 9



### 10<sup>th</sup> grade Requirement

Biology or AP Biology



### 11<sup>th</sup> & 12<sup>th</sup> grade Requirement

Chemistry or AP Chemistry  
Physics or AP Physics  
General Organic Biochemistry

### 11<sup>h</sup>-12<sup>th</sup> grade ELECTIVES

4202	CSI Winona
4213-4223	General Organic Biochemistry
4380	Robotics
9433	Health Care Systems & Medical Terminology
4253-4263	Human Anatomy & Physiology I and II
4332-4342	AP Biology
4072-4073	AP Environmental Science
9443	Health Care Core Curriculum
9413	Medical Careers
9442	Nutrition

## Science

**WAPS courses in Science will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

Students must take six credits in science to meet graduation requirements. The level of courses selected should be based on college and career aspirations. Please see science flowchart or contact a science teacher if you have questions. WSHS strongly recommends that students entering a math and/or science related career field explore as many courses as possible in the science department.

### 9th Grade - Required

#### **4105-4115 Science 9 (1 credit)**

This lab based science course will be a transition from middle school science to high school science. It is intended to provide the student a solid background into the terminology of science topics in physics, chemistry and biology. A look into general science tools and the metric system will be covered. Lab safety, lab procedures, designing labs, lab analysis and writing lab reports will be introduced. Overall, the topics will prepare the student for success in scientific inquiry for future high school science courses.

#### **4110-4120 Honors Science 9 (1 credit)**

This lab based science course is designed to provide the accelerated freshman science student with an intense experience in the concepts and lab skills associated with biology, chemistry, earth science, and physics. This will facilitate success in the Advanced Placement (AP) science courses offered at WSHS. Laboratory confidence, independent thinking and critical thinking skills will provide students the path to higher level AP courses. After successful completion of the Honors Science 9 course, students will be prepared to take AP Biology, AP Chemistry, AP Physics, and AP Environmental Science in grades 10-12.

### 10th Grade - Required

#### **4111-4121 Biology (1 credit)**

This lab based course is designed to introduce the basic concepts of why we are living beings. Focus will be placed on Minnesota State Science Standards which will prepare the student for success on the MCA Science exam. Topics will include biochemistry, cell functions, genetics and DNA, biodiversity, evolution, energy within ecosystems, ecology, and human impact on our society. Students will gain an appreciation for life as they learn much about themselves as they interact in the world.

#### **4332-4342 AP Biology (1 credit)**

AP Biology is a college level course which allows students to explore biological science with the option of taking the AP Biology Exam in May. Students will explore molecular and cellular biology, genetics, evolution, classification of living things, animal behavior, ecology, and human biology. It will focus on the 8 AP labs written and approved by the College Board. Each student will explore one scientific topic through the research, design, and implementation of a science fair project. The successful completion of the AP exam may result in advanced placement at your college of choice, or college credit. Highly motivated sophomore students may use this course as a replacement of the required biology courses.

## 11th & 12th Grade - Required

### **4172-4174 Chemistry (1 credit)**

Grades: 11,12

Students will be able to apply how 1) the periodic table illustrates how patterns in the physical and chemical properties are related to atomic structure, 2) chemical and physical properties of matter result from the ability of atoms to form bonds, 3) chemical reactions describe a chemical change in which the reactants are transformed into the products, 4) States of matter can be described in terms of motion of molecules and properties and behavior of gases can be explained using the kinetic molecular theory, states of matter can be described in terms of motion of the molecules and the properties and the behavior of gases can be explained using kinetic molecular theory, 5) the solar system formed over billions of years, 6) the big bang theory states the universe expanded from a hot, dense chaotic mass to eventually form the stars and galaxies.

### **4271-4281 AP Chemistry (1 credit)**

Grades: 11, 12

**Prerequisite: Successful completion of Algebra.**

Topics covered will include Chemical Reactions, Chemical and Physical Properties, Rates of Reactions, Thermodynamics, Bond and Intermolecular Attractions.

### **4413-4423 Physics (1 credit)**

Grades: 11, 12

**Prerequisite: Successful completion of Algebra**

Students will use laboratory experiences to explore and apply concepts of mechanics, energy transfer, sound and light, waves, electricity and magnetism.. This course is a conceptual based course in which students will practice science knowledge applied to life activities.

### **4213-4223 General, Organic and Biochemistry (1 credit)**

Grades: 11, 12

This course is intended as a broad introduction to the basic principles of general, organic, and biochemistry. Atomic structure, radioactivity, ionic and covalent compounds, reactions, oxidation-reduction, solutions, acids and bases are covered through descriptive, theoretical and laboratory topics. These principles are related to organic and biological chemistry throughout the course as it is a foundational course for students enrolled in the health related programs. Successful completion of the first semester with an assessment grade of 75% or previous completion of chemistry with a C or above would allow students to be eligible for registration for four college credits. This class is only offered in a blended format. [90% Face-to-Face - 10% Online].

### **4463-4473 Honors Physics (1 credit)**

Grades: 11, 12

**Prerequisite: Successful completion of Geometry.**

Students will use laboratory experiences to explore and apply concepts of mechanics, energy transfer, sound and light, waves, electricity and magnetism. This course is a math based course and students taking it should be currently enrolled or have completed Algebra II before signing up. It is a course intended for students who plan on attending a four year college.

## 11th - 12th Grade - Electives

Required Classes Chemistry, AP Chemistry, Physics, AP Physics and General, Organic and Biochemistry may be taken as elective classes.

### **4202 CSI Winona (.5 credit)**

Grades: 11, 12

Forensic Science is the application of science to those criminal and civil laws that are enforced by police agencies in a criminal justice system. It has become a comprehensive subject incorporating Biotechnology, Biology, Chemistry, Physics, Entomology, Earth Science, Anatomy & Physiology, as well as other aspects of Science. Major topics include processing a crime scene, collecting and preserving evidence, identifying types of physical evidence, organic and inorganic analysis of evidence, biotechnology skills, DNA, fingerprints, and document analysis. The main focus of this course will be to emphasize the evidential value of crime scene and related evidence and the services of what has become known as the crime laboratory. This course combines basic theory and real laboratory experiments, creating an experiment based situation for the better understanding of the students. The experiments used reinforce previously learned scientific principles rooted in Biology, Chemistry and Physics.

### **4332-4342 AP Biology (1 credit)**

Grades: 11, 12

AP Biology is a college level course which allows students to explore biological science with the option of taking the AP Biology Exam in May. Students will explore molecular and cellular biology, genetics, evolution, animal behavior, and ecology. It will focus on the 8 AP units written and approved by the College Board. Each student will explore one scientific topic through the research, design, and implementation of a scientific paper or science fair project. The successful completion of the AP exam may result in advanced placement at your college of choice, or college credit. Students should check college requirements at [www.collegeboard.com](http://www.collegeboard.com). Highly motivated sophomore students may use this course as a replacement of the required biology courses.

## 11th - 12th Grade - Electives (continued)

### **4263 Human Anatomy and Physiology II (.5 credit)**

Grade: 11, 12 **Prerequisite:** Successful completion Human Anatomy and Physiology I

Human Anatomy and Physiology II continues the study of the human body from Human Anatomy and Physiology I. This course includes principles of chemistry, biochemistry and molecular biology as they relate to the study of normal body function. Topics covered include the endocrine system, cardiovascular system, immune system respiratory system, urinary system, digestive system and reproductive systems. **Prior to the first day of class students must complete an application to MN State SE and students must pass the Accuplacer Exam. This class is only offered in a blended format. [90% Face-to-Face - 10% Online]. Students must have a "B" average in all prior science classes in order to take the course for college credit.**

### **4072-4073 AP Environmental Science (1 credit)**

Grades: 11, 12

The goal of this course is to provide students with the scientific principles, concepts, and methodologies to understand the interrelationships of the natural world. Students will be able to identify and analyze environmental problems, both natural and man-made, to evaluate the risks associated with these problems and to examine alternative solutions for resolving and/or preventing them.

In addition, students prepare for and take the National Advanced Placement Environmental Science Examination, which determines college credit and/or advanced placement eligibility. Successful completion requires participation in both/all terms. Participation in activities outside of the regular school day is required.

### **4253 Human Anatomy and Physiology I (.5 credit)**

Grade: 11, 12 **Prerequisite:** Successful completion of Biology

Human Anatomy and Physiology I introduces the structure and function of the human body with an emphasis on normal health. This course includes a review of cellular biology, cellular transport, cell reproduction and basic biochemistry. Topics covered include tissues, the integumentary system, skeletal system, articulations, muscular system and nervous system. **Prior to the first day of class students must complete an application to MN State SE and students must pass the Accuplacer Exam. This class is only offered in a blended format. [90% Face-to-Face - 10% Online]. Students must have a "B" average in all prior science classes in order to take the course for college credit.**

# Science & Health Academy

**WAPS courses in Science & Health Academy will Provide students opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

These courses are designed for students interested in learning about the many career opportunities in the field of healthcare.  
These courses are appropriate for students interested in both pre-college and pre-technical programs.

## **4213-4223 General, Organic and Biochemistry (1 credit)**

Grade: 11, 12

This course is intended as a broad introduction to the basic principles of general, organic, and biochemistry. Atomic structure, radioactivity, ionic and covalent compounds, reactions, oxidation-reduction, solutions, acids and bases are covered through descriptive, theoretical and laboratory topics. These principles are related to organic and biological chemistry throughout the course as it is a foundational course for students enrolled in the health related programs. Successful completion of the first semester with an assessment grade of 75% or previous completion of chemistry with a C or above would allow students to be eligible for registration for four college credits. **This class is only offered in a blended format. [90% Face-to-Face - 10% Online].**

## **4253 Human Anatomy and Physiology I (.5 credit)**

Grade: 11, 12 **Prerequisite: Successful completion of Biology.**

Human Anatomy and Physiology I introduces the structure and function of the human body with an emphasis on normal health. This course includes a review of cellular biology, cellular transport, cell reproduction and basic biochemistry. Topics covered include tissues, the integumentary system, skeletal system, articulations, muscular system and nervous system. **Prior to the first day of class students must complete an application to MN State SE and students must pass the Accuplacer Exam. This class is only offered in a blended format. [90% Face-to-Face - 10% Online]. Upon earning a C or higher in the course, the student will be awarded college credit.**

## **9442 Nutrition (.5 credit)**

Grade: 11, 12 **Prerequisite: Successful completion of Biology.**

This course covers basic principles of nutrition and their relationship to human health and normal biological function. Students will be exposed to current trends in nutrition and behaviors typical of a positive nutritional lifestyle. Topics covered include an introduction to the nutrients, digestive function and metabolism, the role of physical activity, dietary standards, proper diet planning, and nutrition related diseases. This class is only offered in a blended format. [60% Face-to-Face - 40% Online]. **Students must complete an application to MN State Southeast prior to the first day of class. Also, prior to the first day of class, students must pass the Accuplacer Exam. Upon earning a C or higher, the student will be awarded college credit.**

## **4263 Human Anatomy and Physiology II (.5 credit)**

Grade: 11, 12 **Prerequisite: Successful completion of Biology and Human Anatomy and Physiology I**

Human Anatomy and Physiology II continues the study of the human body from Human Anatomy and Physiology I. This course includes principles of chemistry, biochemistry and molecular biology as they relate to the study of normal body function. Topics covered include the endocrine system, cardiovascular system, immune system respiratory system, urinary system, digestive system and reproductive systems. **Prior to the first day of class students must complete an application to MN State SE and students must pass the Accuplacer Exam. This class is only offered in a blended format. [90% Face-to-Face - 10% Online]. Upon earning a C or higher in the course, the student will be awarded college credit.**

## **9443 Healthcare Core Curriculum (HCCC) (.5 credit)**

Grade: 11, 12

The Health Care Core course is a standardized competency based Healthcare Curriculum that prepares students for the rapidly changing healthcare careers. The HCCC includes basic knowledge that healthcare workers need to know to be able to contribute to the delivery of safe and effective healthcare. There are seven modules in this course including Health Career Exploration in the Behaviors for Success Module. The Module titles include:

- Behaviors for Success in Healthcare Settings (INCLUDES HEALTH CAREER EXPLORATION)
- Communications in Healthcare Settings, Awareness and Sensitivity to Client needs, Legal issues in healthcare, Ethics, Respecting client and staff diversity and safety and standards precautions.

\*Course is articulated with MN State Southeast for college credit.

## **9433 Health Care Systems & Medical Terminology (.5 credit)**

Grade: 11, 12

While in this class, you will learn about health care systems, legal and ethical responsibilities, infection control, and medical terminology. This class is only offered in a blended format. [20% Face-to-Face - 80% Online]. **Students must complete an application to MN State Southeast prior to the first day of class. Also, prior to the first day of class, students must pass the Accuplacer Exam. Upon earning a C or higher in the course, the student will be awarded college credit.**

**9424 Certified Nursing Assistant (.5 credit)**

Grade: 11, 12

This 80-hour, 3 credit course develops skills, attitudes and knowledge essential for direct and supportive care in long-term care facilities. Class meets OBRA requirements and MN Board of Nursing standards. Skills are demonstrated in a supervised laboratory setting.

**9413 Medical Careers (.5 credit)**

Grade: 11, 12

This course offers students the opportunity to learn about a variety of medical careers that may interest them in a future medical career. While enrolled in the class you will learn about legal & ethical responsibilities, health careers, and job seeking skills.

**\*Course is articulated with MN State Southeast for college credit.**

## Social Studies

**WAPS courses in Social Studies will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

### 9th Grade - Required

#### **2031 American Studies I (.5 credit)**

Grade: 9

This curriculum utilizes a portfolio and student inquiry approach. This course will cover history but will start with contemporary history/topics and move backwards. It will also be based on themes of history rather than a chronological sequence. The students will be actively involved in historical thinking skills. In addition to history, this two term course will incorporate civics, critical thinking skills, reading, writing, and research skills. The course will tie history standards to current issues. American Studies also adds curriculum tied to media/resource literacy, career exploration, and an introduction to personal economics.

**WORLD GEOGRAPHY 2192 IS A REQUIRED COURSE THAT MAY BE TAKEN IN 9TH, 10TH, 11TH, OR 12TH GRADE.**

#### **2192 World Geography (.5 credit)**

Grade: 9, 10, 11, 12

This course presents a global view of geography and investigates how culture, population, climate, economy, religion, and the natural environment connect and impact the people of various world regions.

### 10th Grade - Required (Choose One)

#### **2122 American Studies III (.5 credit)**

Grade: 10

This course replaces the previously offered U.S. History 10th grade requirement. This curriculum utilizes a portfolio and student inquiry approach. This course will be based on themes of history rather than a chronological sequence. The students will be actively involved in historical thinking skills. The course will look connect different events in American history over the last two hundred years with current events.

#### **2152-2162 AP U.S. History (1 credit)**

Grade: 10

NOTE: This course can be taken to fulfill the 10th grade required history credit.

This course is designed to provide students with analytical skills and factual knowledge necessary to deal critically with the problems and materials in U.S. history. This course should help students develop the skills necessary to present reasons and evidence clearly and persuasively in essay format. Students will learn to access historical materials and to weigh evidence and interpretations presented in historical scholarship. In addition, students prepare for and take the National Advanced Placement United States History examinations.

### 11th Grade - Required

**Students must take both Early World Cultures and Modern World History OR AP World History.**

#### **2413 Early World Cultures (.5 credit)**

Grade: 11

An examination of world cultures, religious traditions, and the early civilizations that shaped them. This is one of the two required Social Studies classes for juniors. **Students may take AP World History to meet this requirement.**

#### **2423 Modern World History (.5 credit)**

Grade: 11

An examination of major historical events over the last two centuries. The focus will be on the relationship of the United States and the rest of the world. This is one of the two required Social Studies classes for juniors. **Students may take AP World History to meet this requirement.**

#### **2383-2393 AP World History (1 credit)**

Grade: 11

NOTE: This course can be taken in place of Early World Cultures & Modern World History in 11th grade.

This course is for students looking to challenge themselves with a college level course that provides a deeper understanding of world history as well as a connection to current events. This course will cover periods of time from the Agricultural Revolution to the current world and explores world cultures at various moments during their existence. This is a broad survey of world history and 20% or less is spent on Europe. Above average reading comprehension skill and the discipline to read the textbook is essential to this course.

## 12th Grade - Required

Students must take ONE Economics course and ONE American Government course.

### **2654 Economics (.5 credit)**

Grade: 12

This course introduces basic economic theory in addition to a focus on financial literacy. Areas of study include micro-economics, macro-economics, and international economics.

### **2674 Honors Economics (.5 credit)**

Grades: 11, 12

Honors Economics is a one credit course that fulfills the Economics requirement. This course goes beyond standard economic principles by including in depth research and statistical analysis. Areas of study include consumption and debt, personal finance, the role of government in economic systems, comparative economic systems, an in depth study of the market system, and the study of macro economics.

### **2614 American Government (.5 credit)**

Grade: 12

Students taking this course will study the Constitution and the principles of American Government.

### **2624 - 2634 AP American Government (1 credit)**

Grade: 12

AP U.S. Government and Politics is a college level course for high school students. Topics from foundations of American Government and the Bill of Rights to current political policies will be covered. Students will also study elections, campaigns, civil liberties, and court cases. Students will investigate political ideologies, voting behavior and the roles of interest groups. Discussion of the news as it relates to politics is a key part of the class. The College Board's national test for U.S. Government and Politics is given in May. Students could receive college credit for the course depending on their test score. Students are expected to pass both credits in order to satisfy the government standards required for graduation.

## 9th - 12th Grade Electives

### **2001 Psychology of Youth (.5 credit)**

Grade: 9, 10

This elective class takes a serious look at the life of a teen in today's world. Topics covered may include, but not be limited to: individual learning styles, understanding stress and conflict, self esteem, peer pressure, conflict resolution, communication skills, and decision-making. Students will learn skills that will allow them to choose to make healthy, proactive life decisions.

### **2341 Global Studies (.5 credit)**

Grade: 9, 10, 11, 12

In this class, the student will learn about the different cultures, peoples, and regions of the world. The course will be a project based class. In addition to books, we will also be using e-mail and the Internet to talk directly with students in different parts of the world and we will be conducting interviews with international students from either Winona State or Saint Mary's Universities.

### **2433 Current History (.5 credit)**

Grades: 9, 10, 11, 12

This is a current events class. National and international issues will be studied. Students will be expected to read newspapers and news magazines, participate in class discussions, and write papers dealing with appropriate current topics.

### **2473 Sociology (.5 credit)**

Grades: 11, 12

This course presents a study of human relationships and patterns of social behavior. Culture, social class, socialization, gender issues, stages of life, and other social problems will be examined as to their effect on human behavior.



**2353 Native American Studies (.5 credit)**

Grades: 9, 10, 11, 12

In this class, students will learn more about Native American culture, language, arts, environment, and education. Students will learn about the history of Native Americans in the United States understanding from pre-colonization to present-day issues. Students will learn from projects, notes, group discussions, and reflection.

**2473 Sociology (.5 credit)**

Grades: 11, 12

This course presents a study of human relationships and patterns of social behavior. Culture, social class, socialization, gender issues, stages of life, and other social problems will be examined as to their effect on human behavior.

**2564 Service Learning I (SL-I) ( 1 credit)**

Grades: 11, 12

This course is offered in the belief that students should have significant experience in helping to meet the needs of others in settings such as daycare centers, nursing homes, schools, community centers, and through creative class projects affecting local, national, and even global community needs. SL-I is scheduled for one semester with one block each quarter of the semester. Students earn two elective credits toward graduation. Personal transportation will be required, however, some service sites ARE well within walking distance.

**2483 Introduction to Philosophy (.5 credit)**

Grades: 11, 12

This elective course will focus on free thinking and independent thought. Students will discuss some of humanity's oldest questions. The course will examine the difference between knowledge and wisdom. General Omar Bradley once said, "We are technological giants and ethical infants." What does that mean?

**2584 Service Learning II (SL-II) (.5 credit)**

Grades: 11, 12

**Prerequisite: Successful completion of Service-Learning I (SL-I)**

This course is offered as an advanced experience in helping to meet the needs of others. Students must have earned an 80% (B-) grade or higher in the Service Learning I course. Students may continue the experience at their first service site or may choose to go to a new/different location to volunteer. At least one all-class project will be completed as well as other individual projects. Students earn one elective credit toward graduation. Personal transportation will be required, however, some service sites ARE well within walking distance.

**2493 Introduction to Psychology (.5 credit)**

Grades: 11, 12

This course presents a study of research methods, theories of psychological development, theories of learning and personality, and an examination of psychological exceptionalities.

**2011 Concurrent Enrollment Psychology (.5 credit)**

Grades: 11, 12

Psychology applies to everyone's personal and workplace daily life. In this course, you will be introduced to the history of psychology, consciousness, learning theories, memory, problem-solving, intelligence, motivation, life-span development, personality, abnormal psychology and therapy. (Fulfills MnTC goal 5 & 7)

## Special Education

**WAPS courses in Special Education will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

Individual Education Plans (IEP) are written for students who are eligible for special education services based on an identified disability. Special education classes provide course credit. Students work with their IEP Case Managers to plan registration on an annual basis as a component of the IEP. Individual student needs will determine the extent to which students participate in general education classes. If required, modifications and/or accommodations for general education classes will be outlined in the student's IEP.

During the 9th grade year, and annually thereafter, the IEP team shall address the graduation requirements for a high school diploma. The student's post-secondary goals and graduation requirements should guide their coursework. IEP teams need to plan course work for the current and following school years based on the student's post-secondary goals and graduation requirements. Depending on their individual needs, students receiving special education services may graduate through district requirements or the IEP team may determine that the student graduates on modified credit requirements. This is an IEP team decision, and the team should include a building administrator and Special Education Coordinator, along with other required IEP team members. The students may also have accommodations/modifications in the general education classes that impact grading. This is also decided through the IEP team process.

For more information, contact your case manager or Special Education Coordinator.

## World Languages

**WAPS courses in World Language will ensure students are given opportunities to understand multicultural perspectives and how inclusion is important in a democratic society.**

A student may begin Spanish or German as a freshmen, sophomore, junior or senior. Skill in a second language may be helpful in both career and college readiness. Many colleges and universities require the study of a world language for admission. **The World Language Department strongly suggests, to continue successfully in the program, a student should earn each credit (with 60% or better) before continuing to the next credit.**

### German

#### **5001 - 5011 German 1 (1 credit)**

Grades: 9, 10, 11, 12

This course develops listening, speaking, reading, and writing skills. Students will learn how to exchange information and express attitudes and feelings, as well as give opinions in the target language. A wide variety of methods are used to acquaint the students with the German language, culture, history, and tradition.

#### **5021 - 5031 German 2 (1 credit)**

Grades: 9, 10, 11, 12      **Prerequisite: German 1**

Emphasis is on communicating in German and developing greater proficiency in the language through vocabulary expansion, as well as more advanced grammar structures. Students will be able to get and exchange more complex information, as well as make suggestions and describe situations.

#### **5102 - 5112 German 3 (1 credit)**

Grades: 10, 11, 12      **Prerequisite: German 2**

This course is designed This course builds on the skills learned in German 1-2. Students will expand their fluency skills in listening, speaking, reading, and writing German. Increasing vocabulary and learning the necessary grammar patterns will continue to be an essential part of the student's learning during this course.

#### **5153 - 5163 German 4 (1 credit)**

Grades: 11, 12      **Prerequisite: German 3**

This course is for students who wish to improve their fluency in German. Students will expand their skills in listening, speaking, reading, and writing German in more complex situations. They will explore contemporary issues, as well as use literature from the past and present.

#### **5173 - 5183 AP German (German 5) (1 credit)**

Grades: 11, 12      **Prerequisite: Offered to WSHS students who have successfully completed German 4.**

German 5 will offer advanced German language students opportunities to increase their fluency in listening, speaking, reading, and writing skills.

**NOTE:** A senior whose achievement is outstanding in advanced German curriculum (course 5011-5183) is encouraged to take the Advanced Placement Examination that is administered in May. Credit and/or advanced placement is awarded according to individual college/university policy. (See a counselor for clarification.)

## Spanish

\*Heritage Spanish speakers must meet with a Spanish teacher for help in choosing the appropriate class. \*Students who complete level four Spanish have the opportunity to join the Tertulia Chapter of la Sociedad Honoraria Hispánica (Spanish Honor Society) which was founded by the American Association of Teachers of Spanish and Portuguese in 1953. These students promise to promote friendship and understanding through the Spanish language.

### **5201 - 5211 Spanish 1 (1 credit)**

Grades: 9, 10, 11, 12

Spanish 1 is a beginning course focusing on basic vocabulary and grammatical concepts. Students learn through a variety of activities and games. Culture is also studied. The student's use of spoken Spanish and the development of good listening skills will increase as the class progresses. As the class progresses, the students understand more and gain confidence in their skills.

### **5221 - 5231 Spanish 2 (1 credit)**

Grades: 9, 10, 11, 12      **Prerequisite: Spanish 1**

This course will build on the foundation established in Spanish 1. Vocabulary expansion, verb use, and grammatical concepts will be emphasized. A variety of activities and games will be used to work toward developing comprehension of written and spoken Spanish, as well as a beginning proficiency in reading and writing in Spanish.

### **5242 - 5252 Spanish 3 (1 credit)**

Grades: 9, 10, 11, 12      **Prerequisite: Spanish 2**

The course objective is to increase the student's vocabulary and fluency in Spanish so that the student can speak and write Spanish more effectively. Vocabulary, grammatical concepts, and culture will be integrated into communicative activities. The video series will be used to build listening skills and language proficiency.

### **5363 - 5373 Spanish 4 (1 credit)**

Grades: 10, 11, 12      **Prerequisite: Spanish 3**

The objective of this course is to expand the student's fluency. Students will continue to develop the ability to communicate in a variety of situations, by speaking and writing in Spanish. They will expand vocabulary and reading comprehension by reading a graphic novel, and will improve listening comprehension while completing a video series and short films.

**\*\*Students currently enrolled in the RIOS program will receive more detailed registration information regarding placement in upper level Spanish courses during registration. \*\***

**5403 – 5413 AP Spanish (Spanish 5) (1 credit)****Grades:** 11, 12 **Prerequisite:** Spanish 4

The objective of this course is to bring students to a comfortable level of comprehension of the Spanish language and help them prepare for college entrance exams. Students will practice listening, speaking, reading, and writing skills through studying the history, culture, and politics of Spanish speaking countries. The Advanced Placement Examination is not a requirement for this course, but you may arrange additional preparation with the instructor to take it.

**NOTE:** A senior whose achievement is outstanding in the Spanish curriculum (Courses 5201-5413) may take the Advanced Placement Examination that is administered in May. Credit and/or advanced placement is awarded according to individual college/university policy. (See a counselor for clarification.)

**5424 Spanish Speaking Film and Media****Grades:** 9,10,11, 12 **Prerequisite:** Intermediate-Advanced range proficiency in the Spanish Language.

Spanish Speaking Film and Media is an immersion style course structured around viewing, discussing and analyzing Spanish language films in order to promote a better understanding of the Latin American and Spanish societies. The films watched will show the Spanish-speaking world set in North America, Latin America, and Spain. The mediums of film, song, literary short stories and poetry will be used to explore and analyze the history and culture as well as the Spanish language. Lessons will require higher-level thinking skills such as expressing opinion, analyzing, predicting, and comparing and contrasting in the target language. In preparation for watching the films, students will study the historical/cultural elements. Students will expand and strengthen oral proficiency in the Spanish language by focusing on listening comprehension, interactive verbal communication and essential writing skills.

**5434 Spanish Language Arts****Grades:** 9,10 **Prerequisite:** Intermediate-Advanced range proficiency in the Spanish Language.

This elective course is aimed at students who fall in the intermediate to advanced range on the ACTFL communication scale (an assessment is available to help determine placement.) Students who have either successfully completed the RIOS Spanish Language Immersion Program through 8th grade, or for native/heritage Spanish speakers would be appropriately placed in this course. The course is for students who seek to refine their knowledge of the Spanish language through contextual study of language structures. Topics (contexts) include Are and Personal Expression, Health and Exercise, Interpersonal Relationships, The World of Work, The Future, Encounters Between Cultures, Interpreting the Past, Protecting the Environment, and Rights and Responsibilities. There will be an emphasis on reading and writing skills as well as exposure to a diversity of cultures within the Spanish Speaking community.