26 | 27

HIGH SCHOOL

ACADEMIC & CAREER PLANNING GUIDE



HS

EAST

7500 W.MILWAUKEE AVE.
WAUWATOSA, WI 53213
414.773.2000 MAIN OFFICE
414.773.2030 STUDENT SERVICES

HS

WEST

11400 W.CENTER ST.
WAUWATOSA, WI 53222
414.773.3000 MAIN OFFICE
414.773.3030 STUDENT SERVICES

Our Mission

We believe in a relentless commitment to academic achievement for all. We will ensure that we have excellent educators in our schools and that they have the support and resources they need. We will evaluate the resources, structures, and practices within the system in order to empower all to thrive.

Our Vision

Ensure an exceptional and equitable learning experience for all.

Theory of Action

If adult practices improve, then student outcomes improve.

TABLE OF CONTENTS

General Information

Graduation Requirements and College Admissions 1
Four Year Planning Guide 4
Course Selection Process 5
Class Drop/Add Procedures 5
Advanced Placement Program 5
Dual Enrollment Program 6
Transcripted Credit Program 6
Early College Credit Program & Start College Now 7
Monitoring and Reporting Student Progress 7
The 14 Career Clusters 11
Pathways 12

Scope & Sequence of Course Offerings

Sequence of Course Offerings 21

Course Descriptions

Academic Support Courses 28
AP Capstone 28
Art 31
Business Education 37
Computer Science 39
Education 40
English 41
Family & Consumer Science 47
Health 50
LAUNCH 51
Mathematics 54
Music 59
Physical Education 66
Project Lead the Way® 69
Science 70
Social Studies 76
Technical Education and Engineering 81
Theater 85
World Language 87
Summer School 91

Career Based Learning, Certifications, Post-Secondary Connections

Career Based Learning 108
Certifications 109
Work Based Courses 109

WAUWATOSA GRADUATION REQUIREMENTS

Class of 2027	Wauwatosa Minimum Graduation Requirements
English	4.0 credits
Oral Communication	0.5 credits
Math	3.0 credits
Science	3.0 credits
Social Studies	3.0 credits
Physical Education	1.5 credits
Health	0.5 credits
Personal Financial Literacy	0.5 credits
Electives	7.0 credits
TOTAL	23.0 credits

Class of 2028 and beyond	Wauwatosa Minimum Graduation Requirements
English	4.0 credits
Math	3.0 credits
Science	3.0 credits
Social Studies	3.0 credits
Physical Education	1.5 credits
Health	0.5 credits
Personal Financial Literacy	0.5 credits
Electives	8.5 credits
TOTAL	24.0 credits

- A minimum of three years of science is required for graduation, and this must include a minimum of one year of a biological science and one year of a physical science.
- A minimum of three years of math is required for graduation.
- In Social Studies, students are required to take US History II (freshman year), AP Human Geography (sophomore year) and American Public Policy, American Public Policy-Special Emphasis or AP Government (junior year).
- A semester of physical education is required each year for 3 out of 4 years of high school.
- The personal financial literacy requirement is fulfilled by completion of one of the following courses: Business and Personal Finance, Economics, or Independent Living.
- Per WI Act 55, to graduate a student must take “a civics test comprised of 100 questions that are identical to the 100 questions that may be asked of an individual during the process of applying for U.S. citizenship by the United States Citizenship and Immigration Services and the pupil [must] correctly answer at least 65 of those questions.”

COLLEGE ADMISSION REQUIREMENTS/RECOMMENDATIONS

	Minimum Requirements for University of Wisconsin System*	Recommendations for Highly Selective Colleges**
English Oral Communication	4 college bound credits	4-5 credits including AP level
Math	3 credits to include Algebra, Geometry, Algebra 2	4 credits including AP Level
Science	3 credits	4+ credits to include Biology, Chemistry, Physics including AP Level
Social Studies	3 credits	4+ credits including AP Level
Physical Education	-	-
Health	-	-
Personal Financial Literacy	-	-
Electives	4 Academic Electives	Academic Electives recommended
Fine Arts	May count as Academic Electives	1 or more credits recommended
World Language	2+	3-4 credits of the same language
TOTAL	17+ Academic Credits	22+ Academic Credits

*Requirements may vary; please check university admission websites. Students are encouraged to take more than the minimum number of credits, including Advanced Placement classes.
**Students seeking admission to highly competitive institutions should consider taking as many academically rigorous and Advanced Placement classes as possible.

Academic Electives
Academic electives are not required but recommended by some colleges/universities to be taken in the areas of English, Math, Social Sciences, Sciences, and World Languages. (Some schools will also accept Fine Arts, Computer Science and Engineering courses.)

Additional Criteria Used in the College Admission Process
High school cumulative Grade Point Average (GPA) may be used as criteria in the evaluation process for many universities. Universities may also look at other factors such as the perceived rigor of the courses taken or a trend toward improvement in a student's performance as he/she advances in high school.

Activities/Special Talents/Leadership Experiences
Some universities will review a student's involvement in co-curricular activities and leadership roles. These factors will be very important in the admission process at highly competitive colleges.

High School Courses Taken by Middle School Students
Please see Board Policy 5460.

Standardized Tests
Below is an overview of required standardized assessments as well as optional assessments. Please review the information provided. Students should direct further questions to their school counselor. Students are encouraged to take the optional assessments based on their areas of interest.

Pre ACT Secure: The PreACT Secure is an online summative assessment given to 9th and 10th grade students as part of required state-wide testing. It is aligned to the ACT and the ACT College and Career Readiness Standards. PreACT Secure measures what students have learned in the areas of English, Reading, Mathematics, and Science. PreACT Secure closely mirrors the ACT in many ways, including implementation, test delivery, scoring, and reporting. PreACT Secure scores predict how students will perform on the ACT when they reach 11th grade and their readiness for college-level coursework.

COLLEGE ADMISSION REQUIREMENTS/RECOMMENDATIONS (CONT.)

ACT with Writing: All high school juniors in the state of Wisconsin take the ACT with writing as part of required state-wide testing. The ACT with Writing is a college entrance test that may be required as part of the college admission process. This test administration serves as an official administration of the ACT. Scores from the administration of The ACT with writing can be used by students for a variety of purposes including college admission, scholarships, course placement at a college or university, and NCAA eligibility. A student may retake the ACT during one of the nationally scheduled test dates by registering for a national test date through their MyACT account. There is a fee for re-taking the test which must be paid by the student when registering. Eligible students can obtain fee waivers for the ACT through their school counselor office. More information on the PreACT Secure and ACT, click here to be directed to ACT website

PSAT/NMSQT: PSAT/NMSQT stands for Preliminary SAT/National Merit Scholarship Qualifying Test. It is a standardized test that provides first hand practice for the SAT. It also gives the student a chance to enter the National Merit Scholarship Corporation (NMSC) scholarship program based on how well they score.The PSAT / NMSQT measures critical reading skills, math problem-solving skills, and writing skills. The test is divided into two sections: Reading/Writing and Math. The most common reasons for taking the PSAT / NMSQT are:

- To assess your critical reading, mathematical reasoning and writing skills.
- To get specific suggestions on how to improve your academic skills.
- To prepare for the SAT with a free personalized study plan.
- To enter National Merit Scholarship Corporation competitions for recognition and scholarships. (Please note: If you are chosen as a Semi-Finalist, you will be required to take the SAT Exam.)

SAT: The College Board Scholastic Aptitude Test, also known as the SAT is a college entrance test that may be required as part of the college admission process. It tests reading, writing and math skills critical for success in college. Most students take this test in their junior or senior year of high school. Students must register online for the SAT and pay an on-line registration fee.

Advanced Placement Tests: The Advanced Placement (AP) Program offers college level courses and examinations to high school students. Students successfully completing an Advanced Placement course are strongly encouraged to take the Advanced Placement test offered in the spring. Students obtaining a passing grade on an Advanced Placement examination may earn college credit. Many state, national, and international schools award college credit based on the results of these tests. Students who take Advanced Placement classes are strongly encouraged to take the accompanying exam. Also, students may take the exam without taking the class. In this scenario, students are advised to consult with the content teacher and their school counselor on proper test preparation. The Wauwatosa School District offers the following Advanced Placement (AP) courses at the high school level:

AP African American Studies
AP American Government
AP Art History
AP Art Studio
AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Computer Science Principles
AP Digital Media
AP Environmental Science
AP French Language & Culture
AP German Language & Culture
AP Human Geography
AP Language & Composition
AP Literature & Composition
AP Physics 1
AP Physics 2
AP Physics C: Electricity & Magnetism
AP Physics C: Mechanics
AP Psychology
AP Research
AP Seminar
AP Statistics
AP U.S. History

Students must register online for AP Tests and pay an on-line registration fee. More Information on PSAT/NMSQT, SAT, and Advanced Placement Testing, click here be to directed to the College Board website

ASVAB: The Armed Services Vocational Aptitude Battery (ASVAB) is a career exploration and planning program that includes a multiple-aptitude test battery, an interest inventory, and various career planning tools designed to help students explore the world of work. Every student who takes the ASVAB receives a copy of Exploring Careers: the ASVAB Career Exploration Guide. Students will also be given information on how to strengthen skills for specific careers. ASVAB scores can qualify students for certain jobs and training in the Armed Forces. Wauwatosa East and Wauwatosa West High Schools do not release student scores to the Military Services unless requested to do so. There is no fee for this test.

WAUWATOSA HIGH SCHOOL FOUR YEAR PLANNING GUIDE

Students should use the following template to plan their course work for their high school career.

Summer Pre-9 (Optional)							
1				2			
Grade 9							
Semester 1				Semester 2			
1	English			1	English		
2	Social Studies			2	Social Studies		
3	Math			3	Math		
4	Science			4	Science		
5	PE 9 Foundations/Elective			5	PE 9 Foundations/Elective		
6	Elective			6	Elective		
7	Elective or Study Hall			7	Elective or Study Hall		

Summer Pre-10 (Optional)							
1				2			
Grade 10							
Semester 1				Semester 2			
1	English			1	English		
2	Social Studies			2	Social Studies		
3	Math			3	Math		
4	Science			4	Science		
5	PE / Health			5	PE / Health		
6	Elective			6	Elective		
7	Elective or Study Hall			7	Elective or Study Hall		

Summer Pre-11 (Optional)							
1				2			
Grade 11							
Semester 1				Semester 2			
1	English			1	English		
2	Social Studies			2	Social Studies		
3	PE / Financial Lit			3	PE / Financial Lit		
4	Science			4	Science		
5	Math			5	Math		
6	Elective			6	Elective		
7	Elective or Study Hall			7	Elective or Study Hall		

Summer Pre-12 (Optional)							
1				2			
Grade 12							
Semester 1				Semester 2			
1	English			1	English		
2	Elective			2	Elective		
3	Elective			3	Elective		
4	Elective			4	Elective		
5	Elective			5	Elective		
6	Elective			6	Elective		
7	Elective or Study Hall			7	Elective or Study Hall		

COURSE SELECTION PROCESS

School counselors work in collaboration with the entire faculty and provide information to students to help them make well-informed decisions and build a complete four-year plan. Each student will have an opportunity to meet with a school counselor individually to discuss which courses to select. Students make selections in their Academic Planner in Infinite Campus before they meet with the school counselor. Parents/guardians, please discuss and assist your student with completing this task before the scheduling meeting. Your involvement is key to student success. After the student has met with a school counselor, they will be asked to input their course selections into the Infinite Campus class registration portal. The registration portal will close on a specified date; after which no changes can be made. It is important that students make their course selections carefully.

CLASS DROP/ADD PROCEDURES

School Year Schedule Change Requests

Students may request a schedule change during the first week (special consideration given to transfer students), or up to six weeks when adding a study hall, of any semester only if the request complies with the add/drop policy. Students are required to be enrolled in at least 6 classes each semester or 5 classes if 2 or more of them are AP. Dropping a class outside of the exceptions could result in the student receiving a failing grade for the course.

Changes will be considered for the following reasons only:

1. If a student needs to change levels (for example, math level should be adjusted higher or lower to meet the student's needs).
2. If a course has been eliminated due to low enrollment.
3. A conflict exists in the student schedule that prevents them from taking one or more of the classes they selected during the registration process.
4. A student was mistakenly scheduled into an incorrect class.
5. The Student Services Team Member or Administrator deems that a schedule change is in the best interest of the student.
6. A student was placed on a waitlist for a closed class and a seat became available.
7. Other requests to add/drop will be handled on a case-by-case basis. Below are examples of why a request may not be honored:
   - The student is not happy with the assigned lunch period.
   - The student would like to change teachers.
   - The student would like to be in classes with friends.

ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) Program offers college level courses and examinations to high school students. Students successfully completing an Advanced Placement course are strongly encouraged to take the Advanced Placement test offered in the spring. Students obtaining a passing grade on an Advanced Placement examination may earn college credit. Many state, national, and international schools award college credit based on the results of these tests. Students may take Advanced Placement tests with or without participating in an AP course; however, students are strongly advised to consult with a content teacher and their school counselor prior to this to be adequately prepared. The Wauwatosa School District offers the following Advanced Placement (AP) courses at the high school level:

AP African American Studies
AP American Government
AP Art History
AP Art Studio
AP Biology
AP Calculus AB
AP Calculus BC
AP Chemistry
AP Computer Science Principles
AP Digital Media
AP Environmental Science
AP French Language & Culture
AP German Language & Culture
AP Human Geography
AP Language & Composition
AP Literature & Composition
AP Physics 1
AP Physics 2
AP Physics C: Electricity & Magnetism
AP Physics C: Mechanics
AP Psychology
AP Research
AP Seminar
AP Statistics
AP U.S. History

DUAL ENROLLMENT PROGRAM

The dual enrollment program allows students to earn both high school and college credit by taking a course or courses taught by Wauwatosa teachers at East and West High School. Students are enrolled at the University of Wisconsin - Green Bay or the University of Minnesota - Twin Cities based upon which university is sponsoring the course. The table below outlines the available courses.

Dual Enrollment Courses	Sponsoring University
Business Foundations College Composition Concepts, Issues, and Field Experience in Education Culturally Responsive Teaching and Learning Intermediate Spanish Language II Intro to College Literature	University of Wisconsin - Green Bay
Latin Prose Latin Poetry	University of Minnesota - Twin Cities

TRANSCRIPTED CREDIT PROGRAM

The transcripted credit program allows students to earn both high school and college credit by taking a course or courses taught by college faculty at East and West High School. Students are enrolled at WCTC or MATC based upon which college is sponsoring the course. The table below outlines the available courses. Please note that these are not weighted courses as it does not fully meet the weighted course criteria.

Transcripted Credit Courses	Sponsoring College
Certified Nursing Assistant	WCTC
Analytic Geometry and Calculus III Differential Equations and Linear Algebra	MATC

EARLY COLLEGE CREDIT PROGRAM & START COLLEGE NOW

EARLY COLLEGE CREDIT PROGRAM
The Early College Credit Program (ECCP) allows high school students (grades 9 through 12) to take post-secondary courses at a University of Wisconsin institution or a private, non-profit institution of higher education.

START COLLEGE NOW
Start College Now (SCN) allows high school students (grades 11 and 12) to take post-secondary courses at Wisconsin technical college. Approved courses may count for both high school credit and post-secondary credit or post-secondary credit only.

Things to know about ECCP and SCN:

- Per state statutes 118.55 and 38.12 deadlines for ECCP and SCN applications for enrollment in any institution of higher education are **March 1st** for students enrolling for a class in the fall semester and **October 1st** for students enrolling for a class in the spring semester.
- When completing ECCP and SCN applications, students will indicate the institution they wish to enroll in, the course title and credit amount, and whether they will take the course for high school credit, postsecondary credit, or both. For ECCP courses, if the student will receive only postsecondary credit for a course (no high school credit), the student's family is responsible for paying 25% of the tuition charge, unless that payment would pose an undue financial burden on the student's family.
- Students cannot participate in both ECCP and SCN in the same semester.
- Students are limited to 18 credits throughout their high school career.
- Courses will not be approved if a comparable course is offered in the school district or a student does not meet course prerequisites set by the college or university.
- SNC credits must fulfill a graduation requirement.
- More information about ECCP and SCN can be found in this guide.

***NOTE:** Any of the above details are subject to change based on school board policy or Wisconsin Department of Instruction provisions. Students considering enrollment in ECCP or SCN should consult with a school counselor for more information.

MONITORING & REPORTING STUDENT PROGRESS

The assessment of student achievement in the Wauwatosa School District is an integral part of the teaching and learning process in every classroom. Assessing students is a continuous process where results are used by teachers to inform instruction and shared with students to inform them of strengths and opportunities to grow. The purpose of assessment is to monitor and report student progress toward the mastery of grade level benchmarks.

Parents/guardians have online access to monitor grades through the Wauwatosa School District's parent portal (Infinite Campus) at any time. Links to Infinite Campus information and the login screen can be found on the Wauwatosa School District home page. Teachers update the information in Infinite Campus on a regular basis. Every 20 days, parents/guardians receive communication from their student's school regarding student progress. These grades are advisory and should be viewed as an indication of progress. Semester grades, which are received after the end of Semester 1 and Semester 2, are permanently recorded and will appear on a student's official school transcript. At the end of each semester, parents/guardians receive communication from their student's school regarding final grades. If you have specific questions about a course grade, contact the teacher of record for the course. For more general questions, contact the student's counselor.

MONITORING & REPORTING STUDENT PROGRESS (CONT.)

Letter Symbols and Values Used for Calculating a Grade Point Average

The Wauwatosa School District uses the following scale in calculating a student's grade point average in high school.

Letter Grade	Grade Point Value	Credit Earned
A+	4.00	Yes
A	4.00	Yes
A-	3.67	Yes
B+	3.33	Yes
B	3.00	Yes
B-	2.67	Yes
C+	2.33	Yes
C	2.00	Yes
C-	1.67	Yes
D+	1.33	Yes
D	1.00	Yes
D-	0.67	Yes
F (Failing)	0.00	No
P (Pass)	N/A	Yes
I (Incomplete Work)	N/A	N/A
X (Medical Excuse)	N/A	No
N (Audit)	N/A	No

*N/A denotes Not Applicable

All classes taken for high school credit in grades 9-12 that are graded using A+, A, A-, B+, B, etc. will be included in a student's GPA. This includes courses taken through the Early College Credit Program, Start College Now, Wauwatosa Virtual Academy, home school, study abroad programs, or any courses taken virtually, in an alternative setting or off campus that are considered part of a student's academic record. This includes high school courses taken in the summer before Grade 9.

The formula for calculating a cumulative GPA is: Sum of Grade Point Values Divided By Total Number of Credits Attempted.

- The Grade Values used to calculate the Sum of Grade Point Values appear above.
- Grade Values of each course are then multiplied by the Credit Value of each course to get the Grade Point Value for each course. Example: B+ = 3.33 [times] .5 credit value = 1.665 Grade Point Value for a course.
- The Sum of all Grade Point Values is then divided by the Total Number of Credits Attempted to determine the cumulative GPA.
- For any weighted courses (see below), .025 shall be added to the cumulative grade point average (GPA) for each earned half-credit resulting in a total of .05 additional weight per one-credit course.

MONITORING & REPORTING STUDENT PROGRESS (CONT.)

To align with updates to policy 5430, the following courses have been determined to be of recognition of a heavier burden of work for students in the 2026-2027 school year. As such, .025 shall be added to the cumulative grade point average (GPA) for each earned half-credit resulting in a total of .05 additional weight per one-credit course.

Advanced Placement	Dual Enrollment
AP African American Studies AP American Government AP Art History AP Art Studio AP Biology AP Calculus AB AP Calculus BC AP Chemistry AP Computer Science Principles AP Digital Media AP Environmental Science AP French Language & Culture AP German Language & Culture AP Human Geography AP Language & Composition AP Literature & Composition AP Physics 1 AP Physics 2 AP Physics C: Electricity & Magnetism AP Physics C: Mechanics AP Psychology AP Research AP Seminar AP Statistics AP US History	Business Foundations College Composition Concepts, Issues, and Field Experience in Education Culturally Responsive Teaching and Learning Intermediate Spanish Language II Intro to College Literature Latin Prose Latin Poetry

<u>Semester Failure Recovery (in a Yearlong Course) Administrative Guidelines</u>
In accordance with Administrative Guideline 5430, if a student fails the first semester of a yearlong course they are permitted to continue in the course for the second semester. If a student demonstrates sufficient progress in the yearlong course by the end of second semester, they can be awarded a “P” (Pass) grade for the first semester and receive credit. Students wishing to have the opportunity to earn a first semester “P” should contact their counselor to initiate the agreement process.

<u>Grade Replacement Administrative Guidelines</u>
In accordance with Administrative Guideline 5430, in order to encourage students to obtain mastery of grade level benchmarks, grade replacement administrative guidelines allow students to retake any course in which they earned a C or lower. Once the student has successfully completed the retake, the higher of the two grades will appear on the transcript and be included in the GPA calculation. A student who retakes a class will not be eligible for Valedictorian or Salutatorian. Additionally, the replaced grade may only be earned in the same manner it was originally earned. For example, if a course is originally taken at West High School, the only manner in which a student may exercise a grade replacement is if that same course is repeated at West High School. Students may not leverage virtual programs or other school districts to replace a grade not originally earned in that manner.

MONITORING & REPORTING STUDENT PROGRESS (CONT.)

Academic Letter

Students have the opportunity to earn an academic letter at both East and West High Schools. Students who earn 2 points will be rewarded with an academic letter. After you have earned a letter, a pin will be awarded for every point you earn.

Points – earned by cumulative GPA in any semester
1 point will be earned for a 4.0
0.5 point will be earned for a 3.5 or higher

*If a student maintains a 3.33 for six semesters they will receive a letter.
Students in the **class of 2028** and beyond may earn points toward their academic letter as follows:
1 point will be earned for a 4.0
0.5 will be earned for a 3.75 or higher

*If a student maintains a 3.5 for six semesters they will receive a letter.
The points will be earned in the duration of a student's high school career.

Honor Roll in Grades 9-12

All classes taken for credit are calculated in a student's grade point average. Honor roll recognition is given to those students who receive a grade point average of 3.33 or above. Honor rolls are published for first and second semester grades. Special honor roll recognition is given to students receiving an average of 4.0.

Starting with the class of 2028 students must receive a grade point average of 3.5 or above to earn honor roll recognition.

Class Rank

Per Policy 5430, in alignment with Wisconsin State Statute 118.58, the Board authorizes a system of class ranking, by grade point average, for students in grades 9-12. Class rank is determined by comparing a student's cumulative grade point average with the cumulative grade point averages of others in the student's high school class. Per the policy and statute, class rank will be included on high school transcripts.

Graduating with Honors/Earning an Honors Diploma

A student may earn an honors diploma by fulfilling the following requirements by the end of 8 semesters of high school course work:

a. A minimum of a 3.33 cumulative grade point average; and
b. Completion of one Advanced Placement course, for which the student has earned no lower than a B (3.0) grade, both first and second semesters.

Starting with the **class of 2028** the following must be met in order to earn an honors diploma:

a. A minimum of 3.5 cumulative grade point average; and
b. One of the following:
    i. Dual enrollment credit
    ii. B or better in an Advanced Placement course
    iii. Industry Recognized Certification
    iv. Work-based Learning Experience

THE 14 CAREER CLUSTERS

Career Clusters
Pathways to College & Career Readiness

Caring for Communities

Education
- Early Childhood Development
- Education Administration & Leadership
- Learner Support & Community Engagement
- Teaching, Training, & Facilitation

Healthcare & Human Services
- Behavioral & Mental Health
- Biotechnology Research & Development
- Community & Social Services
- Health Data & Administration
- Personal Care Services
- Physical Health

Public Service & Safety
- Emergency Response
- Judicial Systems
- Local, State, & Federal Services
- Military & National Security
- Public Safety

Building & Moving

Advanced Manufacturing
- Engineering
- Industrial Machinery
- Production & Automation
- Robotics
- Safety & Quality Assurance

Construction
- Architecture & Civil Engineering
- Construction Planning & Development
- Equipment Operation & Maintenance
- Skilled Trades

Supply Chain & Transportation
- Air & Space Transportation
- Ground & Rail Transportation
- Maintenance & Repair
- Marine Transportation
- Planning & Logistics
- Purchasing & Warehousing

Connecting & Supporting Success**

Digital Technology**
- Data Science & AI
- IT Support & Services
- Network Systems & Cybersecurity
- Software Solutions
- Unmanned Vehicle Technology
- Web & Cloud

Management & Entrepreneurship**
- Business Information Management
- Entrepreneurship & Small Business
- Leadership & Operations
- Project Management
- Regulation

Marketing & Sales**
- Market Research, Analytics, & Ethics
- Marketing & Advertising
- Retail & Customer Experience
- Strategic Sales

Creating & Experiencing

Arts, Entertainment, & Design
- Design & Digital Arts
- Fashion & Interiors
- Fine Arts
- Lighting & Sound Technology
- Media Production & Broadcasting
- Performing Arts

Hospitality, Events, & Tourism
- Accommodations
- Conferences & Events
- Culinary & Food Services
- Travel & Leisure

Cultivating Resources

Agriculture
- Agribusiness
- Agricultural Technology & Automation
- Animal Systems
- Food Science & Processing
- Plant Systems
- Water Systems

Energy & Natural Resources
- Clean & Alternative Energy
- Conservation & Land Management
- Ecological Research & Development
- Environmental Protection
- Resource Extraction
- Utilities

Investing in the Future

Financial Services
- Accounting
- Banking & Credit
- Financial Strategy & Investments
- Insurance
- Real Estate

****Cross-Cutting Clusters**
Denote careers that overlap in **all** industries, highlighting the versatile and interconnected nature of today's workforce. These careers can stand on their own or be contextualized in each Cluster and emphasize the need for adaptability in navigating the modern economy.

Notes:
Clusters are listed in alphabetical order. Clusters and Sub-Clusters represent the entire world of work (see definitions).

THE 14 CAREER CLUSTERS (CONT.)

Click on each cluster name to get more information from the careertech website

- ➜ Advanced Manufacturing
- ➜ Construction
- ➜ Supply Chain & Transportation
- ➜ Arts, Entertainment, & Design
- ➜ Hospitality, Events, & Tourism
- ➜ Agriculture
- ➜ Energy & Natural Resources
- ➜ Education
- ➜ Healthcare & Human Services
- ➜ Public Service & Safety
- ➜ Financial Services
- ➜ Digital Technology
- ➜ Marketing & Sales
- ➜ Management & Entrepreneurship

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
AP Capstone						
AP Research	X	X	X	X	X	X
AP Seminar	X	X	X	X	X	X
Art						
AP Art History	X	X		X	X	
AP Art Studio	X	X		X	X	
AP Digital Media	X	X		X	X	
Animation & Moving Images	X			X	X	
Art Foundations	X				X	
Art Metals & Fiber	X				X	
Ceramics I	X				X	
Ceramics II	X				X	
Design	X			X	X	
Digital Imagery	X			X	X	
Drawing	X	X		X	X	
Illustration	X	X			X	
Mixed Media	X				X	
Painting	X			X	X	
Sculpture	X			X	X	

PATHWAYS (CONT.)

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Business Education						
Accounting I		X		X	X	X
Accounting II		X		X	X	X
Advanced Marketing	X	X	X	X	X	X
Business Foundations (DE)	X			X	X	X
Business Law	X			X	X	X
Business & Personal Finance	X	X	X	X	X	X
Introduction to Marketing	X	X	X	X	X	X
Sports & Entertainment Marketing	X				X	
Career-Based Learning						
Teaching Assistant	X	X		X	X	X
Youth Apprenticeship	X	X	X	X	X	X
Computer Science						
AP Computer Science Principles	X	X	X	X	X	X
Exploring Computer Science	X	X	X	X	X	X
Education						
Concepts, Issues, & Field Experience in Education (DE)		X				
Culturally Responsive Teaching & Learning (DE)		X				

PATHWAYS (CONT.)

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
English						
English 9, 10, 11	**Foundational Coursework**					
AP Language & Composition	X	X	X	X	X	X
AP Literature & Composition	X				X	
AP Seminar* (10th Grade Foundational Option)	X	X	X	X	X	X
College Composition (DE)	X	X	X	X	X	X
Composition	X	X	X	X	X	X
Creative Writing	X				X	
Functional ELA 1,2,3,4	X	X	X	X	X	X
Intro to College Literature (DE)	X				X	
Media + Message	X	X			X	
Multicultural Literature	X				X	
Oral Communications	X	X	X	X	X	X
Family & Consumer Science						
Child Development		X				
CNA (DE)		X				
Culinary Arts I	X	X	X		X	
Culinary Arts II	X	X	X		X	
Independent Living	X	X	X	X	X	X
International Cuisine	X	X	X		X	
Interpersonal Relationships		X				
Introduction to Health & Medical Careers I		X				
Introduction to Health & Medical Careers II		X				
Teaching & Working with Children		X				

PATHWAYS (CONT.)

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Mathematics						
Integrated Math 1, Geometry, Algebra 2	**Foundational Coursework**					
AP Calculus AB			X	X	X	X
AP Calculus BC			X	X	X	X
AP Statistics	X	X	X	X	X	X
Analytical Geometry & Calculus III				X		
Career Math	X	X	X	X	X	X
Consumer Math	X	X	X	X	X	X
Data Science	X	X	X	X	X	X
Differential Equations and Linear Algebra				X		
Functional Math 1,2,3,4	X	X	X	X	X	X
Math for Skilled Trades		X	X	X	X	
Math Topics	X	X	X	X	X	X
Pre-Calculus	X	X	X	X	X	X
Music						
Chamber Choir					X	
Chamber Orchestra					X	
Chanteurs					X	
Concert Band					X	
Concert Choir					X	
Concert Orchestra					X	
Digital Music Production					X	
Jazz Ensemble					X	
Music Theory 1		X			X	
Music Theory 2		X			X	
Music Theory 3		X			X	
Symphonic Band/Wind Ensemble					X	
Symphony Orchestra					X	
Vocal Jazz/A Cappella Ensemble					X	

PATHWAYS (CONT.)

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Physical Education + Health						
Adventure Pursuits		X				
Extreme PE		X				
General PE		X				
Health		X				
Online Physical Education		X				
PE Foundations		X				
Personal Fitness		X				
Specially Designed Physical Education		X				
Strength + Conditioning		X				
Unified Physical Education		X				
WI PE Option		X				
Science						
Biology, Chemistry	Foundational Coursework					
AP Biology		X	X	X		
AP Chemistry		X	X			
AP Environmental Science	X	X	X	X	X	X
AP Physics I		X	X	X	X	
AP Physics II		X	X	X	X	
AP Physics C Elec. & Mag	X		X	X		
AP Physics C Mechanics	X		X	X		
Anatomy & Physiology		X	X			
Astronomy		X	X			
Environmental Science	X	X	X	X	X	X
Foundations of Body Systems (Anatomy & Physiology, Health & Disease, Mentorship)		X	X			
Intro to Chemistry* (10th Grade Foundational Option)		X	X		X	
Life Science	X	X	X	X	X	X
Physics		X	X	X	X	

PATHWAYS (CONT.)

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Social Studies						
US History II, AP Hug, APP	**Foundational Coursework**					
AP African American Studies	X	X	X	X	X	X
AP Government* (Optional 11th Grade Foundational Course)	X	X	X	X	X	X
AP Psychology	X	X			X	X
AP US History	X	X	X	X	X	X
APPSE (Optional 11th Grade Foundational Course)	X	X				
Contemporary World Problems	X	X	X	X	X	X
Economics	X	X	X	X	X	X
Law & Society	X	X	X	X	X	X
Psychology	X	X			X	X
Social Problems	X	X	X	X	X	X

PATHWAYS (CONT.)

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Technical Education + Engineering						
Aerospace Engineering (PLTW)	X			X		
Civil Engineering + Architecture	X			X		
Construction 1				X		
Entrepreneurship (Youth Apprenticeship)				X		
Fab Lab 1				X		
Fab Lab 2				X		
Introduction to Engineering Design (PLTW)	X			X		
Introduction to Power Technology				X		
Metals 1				X		
Metals 2				X		
Principles of Engineering (PLTW)	X			X		
SkillED Trades Capstone (Math for Skilled Trades, Construction Capstone, Mentorship)				X		
Woods 1				X		
Woods 2				X		
Theater						
Advanced Theatre: Independent Projects					X	
Broadway Bound					X	
Intro to Theatre Performance					X	
Theatre Makers Design Lab				X	X	
Theatre Studio Performance				X	X	
Yes, and Improv					X	

PATHWAYS (CONT.)

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
World Language						
AP French, German	World Languages have cross-cutting connections to all Pathways.					
French, German, Spanish 1						
French, German, Spanish 2						
French, German, Spanish 3						
French, German, Spanish 4						
French, German, Spanish 5						
Intermediate Spanish Language II						
Latin 1						
Latin 2						
Latin Poetry/Prose						

SCOPE AND SEQUENCE

PLEASE REVIEW ALL COURSES FOR PREREQUISITES PRIOR TO CLASS SELECTIONS

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
ACADEMIC SUPPORT COURSES	Academic Literacy Seminar 9 Literacy for College Career Readiness Math Emphasis	Academic Literacy Seminar 10 *Any course previously listed*	*Any course previously listed*	*Any course previously listed*
AP CAPSTONE**		AP Seminar**+	AP Research**+ *Any course previously listed*	*Any course previously listed*
ART	Art Foundations *The following courses can be taken if concurrently enrolled in Art Foundations:* Animation and Moving Images* Art Metals and Fiber* Ceramics 1* Digital Imagery* Sculpture *	AP Art History**+ Ceramics 2* Design* Drawing* Illustration* Mixed Media* Painting* *Any course previously listed*	*Any course previously listed*	AP Art Studio**+ AP Digital Media**+ *Any course previously listed*
BUSINESS EDUCATION	Accounting 1 Business & Personal Finance* Intro to Marketing*	Accounting 2 Business Law* Sports & Entertainment Marketing* *Any course previously listed*	Advanced Marketing Business Foundations*+ (Dual Enrollment) *Any course previously listed*	*Any course previously listed*
COMPUTER SCIENCE	Exploring Computer Science	AP Computer Science Principles**+ *Any course previously listed*	*Any course previously listed*	*Any course previously listed*
EDUCATION			Concepts, Issues, and Field Experience in Education*+ (Dual Enrollment) Culturally Responsive Teaching and Learning*+ (Dual Enrollment)	*Any course previously listed*

*One Semester

**A student can attain the highest of honors through the College Board by achieving the AP Capstone. This means that a student has earned a 3 or higher on the final AP exam in both AP Seminar and AP Research along with a 3 or higher on the exams in 4 other AP courses

+ .025 added to the cumulative grade point average (GPA) for every .5 credit earned

PLEASE REVIEW ALL COURSES FOR PREREQUISITES PRIOR TO CLASS SELECTION

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
ENGLISH	**Required**: English 9 Functional English Language Arts I Electives: Media & Message: Writing for a Modern Audience* Oral Communications	**Required**: English 10 or AP Seminar**+ Functional English Language Arts 2 *Any elective course previously listed*	**Required**: English 11 or one of the following: AP Language and Composition**+ AP Literature and Composition**+ AP Seminar**+ Functional English Language Arts 3 1 semester College Composition (Dual Enrollment)*+ & 1 semester Intro to College Literature (Dual Enrollment)*+ 1 semester College Composition (Dual Enrollment)*+ & 1 semester Multicultural Literature* 1 semester Introduction to College Literature (Dual Enrollment)*+ & 1 semester Multicultural Literature* Electives: College Composition*+ (Dual Enrollment) Composition* Creative Writing* Introduction to College Literature*+ (Dual Enrollment) Multicultural Literature* *Any elective course previously listed*	Functional English Language Arts 4 *Any course previously listed*

*One Semester

**A student can attain the highest of honors through the College Board by achieving the AP Capstone. This means that a student has earned a 3 or higher on the final AP exam in both AP Seminar and AP Research along with a 3 or higher on the exams in 4 other AP courses

+ .025 added to the cumulative grade point average (GPA) for every .5 credit earned

PLEASE REVIEW ALL COURSES FOR PREREQUISITES PRIOR TO CLASS SELECTION

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
FAMILY & CONSUMER SCIENCE	Child Development* Culinary Arts 1*	Culinary Arts 2* Independent Living* Interpersonal Relationships* Introduction to Health and Medical Careers 1* Introduction to Health and Medical Careers 2* Teaching & Working with Children* *Any course previously listed*	Certified Nursing Assistant* International Cuisine* *Any course previously listed*	*Any course previously listed*
HEALTH	Health*	*Any course previously listed*	*Any course previously listed*	*Any course previously listed*
MATHEMATICS	Algebra 2 Functional Math Topics 1 Geometry Integrated Math 1 Math Topics	Functional Math Topics 2 *Any course previously listed*	AP Calculus AB**+ AP Calculus BC**+ AP Statistics**+ Career Math Consumer Math Data Science Functional Math Topics 3 Pre-Calculus *Any course previously listed*	Analytic Geometry & Calculus III Differential Equations/Linear Algebra Functional Math Topics 4 *Any course previously listed*

*One Semester

**A student can attain the highest of honors through the College Board by achieving the AP Capstone. This means that a student has earned a 3 or higher on the final AP exam in both AP Seminar and AP Research along with a 3 or higher on the exams in 4 other AP courses

+ .025 added to the cumulative grade point average (GPA) for every .5 credit earned

PLEASE REVIEW ALL COURSES FOR PREREQUISITES PRIOR TO CLASS SELECTIONS

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
MUSIC	Concert Band Concert Choir Concert Orchestra Digital Music Production Jazz Ensemble 1 (West) Symphonic Band/Wind Ensemble	Chamber Choir Chamber Orchestra (East) Chanteurs Jazz Ensemble I (East) Symphony Orchestra (East) Vocal Jazz/A Cappella Ensemble *Any course previously listed*	Chamber Orchestra (West) Music Theory 1* Music Theory 2* Symphony Orchestra (West) *Any course previously listed*	Music Theory 3* *Any course previously listed*
PHYSICAL EDUCATION	**Required:** PE Foundations* Adventure Pursuits* Extreme PE* General PE* Personal Fitness* Specially Designed Physical Education* Strength and Conditioning* Unified Physical Education*	*Any course previously listed*	Online Physical Education* *Any course previously listed*	*Any course previously listed*
PROJECT LEAD THE WAY®	Introduction to Engineering Design™	Principles of Engineering™ *Any course previously listed*	Aerospace Engineering™	*Any course previously listed*

*One Semester

**A student can attain the highest of honors through the College Board by achieving the AP Capstone. This means that a student has earned a 3 or higher on the final AP exam in both AP Seminar and AP Research along with a 3 or higher on the exams in 4 other AP courses

+ .025 added to the cumulative grade point average (GPA) for every .5 credit earned

PLEASE REVIEW ALL COURSES FOR PREREQUISITES PRIOR TO CLASS SELECTIONS

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
SCIENCE	**Required:** Biology Life Science	**Required:** Chemistry or Introduction to College Chemistry *Any course previously listed*	AP Biology**+ AP Chemistry**+ AP Environmental Science**+ AP Physics 1**+ AP Physics 2**+ AP Physics C: Electricity and Magnetism**+ AP Physics C: Mechanics**+ Anatomy and Physiology* Astronomy* Environmental Science* Physics *Any course previously listed*	*Any course previously listed*
SOCIAL STUDIES	**Required:** U.S. History II	**Required:** AP Human Geography**+ AP Psychology**+ Contemporary World Problems* Economics* Law In Society* Psychology* Social Problems* *Any course previously listed*	**Required:** American Public Policy, APPSE, or AP American Government**+ AP African American Studies**+ AP US History**+ *Any course previously listed*	*Any course previously listed*

*One Semester

**A student can attain the highest of honors through the College Board by achieving the AP Capstone. This means that a student has earned a 3 or higher on the final AP exam in both AP Seminar and AP Research along with a 3 or higher on the exams in 4 other AP courses

+ .025 added to the cumulative grade point average (GPA) for every .5 credit earned

PLEASE REVIEW ALL COURSES FOR PREREQUISITES PRIOR TO CLASS SELECTIONS

DEPARTMENT	GRADE 9	GRADE 10	GRADE 11	GRADE 12
TECHNICAL EDUCATION	Fab Lab I* Fab Lab II* Intro to Power Technology* Metals 1* Metals 2* Woods 1*	Civil Engineering & Architecture (CEA)* Construction 1* Woods 2* *Any course previously listed*	Entrepreneurship Skilled Trades Capstone *Any course previously listed*	*Any course previously listed*
THEATER	Advanced Theatre: Independent Projects* (Formerly known as Independent Studies in Theatre) Broadway Bound* (Formerly known as Musical Theatre) Intro to Theatre Performance* (Formerly known as Acting 1) Studio Theatre Performance* Theatre Makers Design Lab* (Formerly known as Theatre Production & Design 1) Yes, And! Improv* (Formerly known as Improvisation)	*Any course previously listed*	*Any course previously listed*	*Any course previously listed*
WORLD LANGUAGE	Level 1 Latin Level 1, 2, or 3 French, German, or Spanish	Level 2 Latin Level 4 French, German, or Spanish *Any course previously listed*	Latin Poetry/Prose+ Level 5 French, German, or Spanish *Any course previously listed*	AP French, German, Language and Culture+ Intermediate Spanish Language II+ *Any course previously listed*

*One Semester
**A student can attain the highest of honors through the College Board by achieving the AP Capstone. This means that a student has earned a 3 or higher on the final AP exam in both AP Seminar and AP Research along with a 3 or higher on the exams in 4 other AP courses
+ .025 added to the cumulative grade point average (GPA) for every .5 credit earned

COURSE DESCRIPTIONS

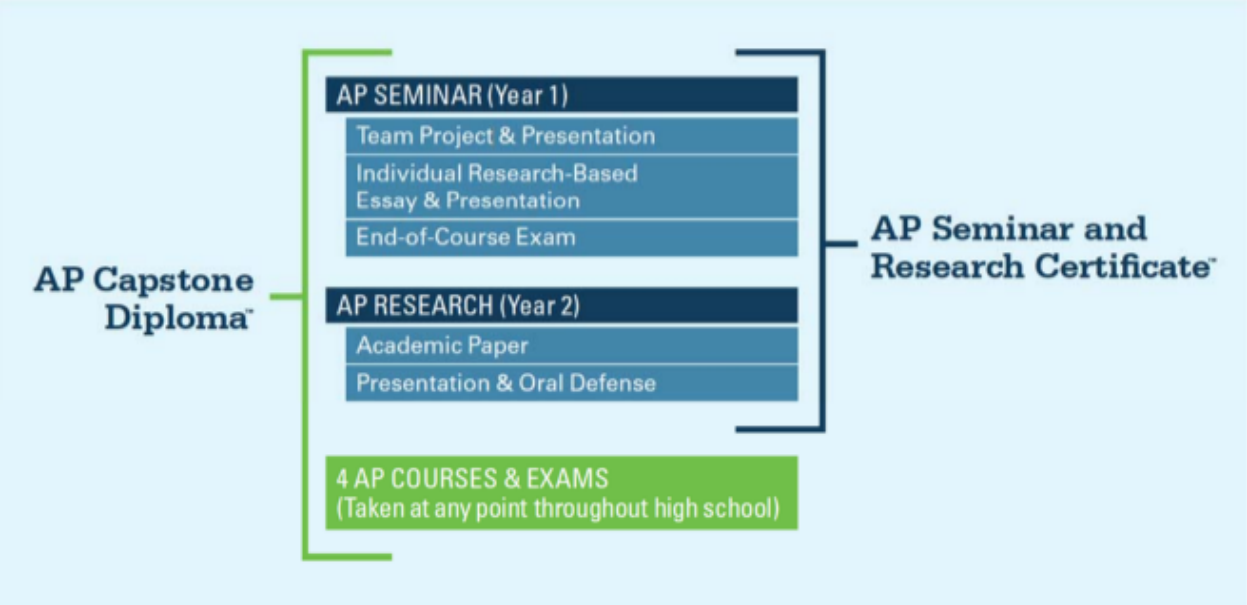
ACADEMIC SUPPORT COURSES

Academic Literacy Seminar 9 (ALS) 1 year, 1 credit; or 1 semester, .5 credit Grade 9	This course is designed to develop and improve reading skills to promote academic success in all content areas. The explicit instructional framework of this class will facilitate student learning in the areas of reading and comprehension strategies, vocabulary, concept development, reading fluency, 21st century digital literacies, study and test taking skills. Students receive credit for this course, though it is graded pass/fail and will not be counted in their GPA.
Academic Literacy Seminar 10 (ALS) 1 year, 1 credit; or 1 semester, .5 credit Grade 10	This is an option for students to continue to improve their literacy for their post-secondary aspirations. Students will continue to develop strategies for reading expository, cross-curricular texts which are essential to their future success. Students receive credit for this course, though it is graded pass/fail and will not be counted in their GPA.
Literacy for College Career Readiness (LCCR) 1 year, 1 credit Grades 9-12	LCCR is designed to provide targeted, specially-designed instruction tailored to the unique learning needs of students with Individualized Education Plans (IEPs). Emphasizing reteaching and reinforcement of core academic concepts, executive functioning skills, and social-emotional development, this course supports students in mastering foundational skills through personalized strategies and accommodations. Through small-group and one-on-one support, students receive focused practice, skill-building activities, and progress monitoring to promote confidence, independence, and growth in their individually identified areas of need. Enrollment in this course is available only through a student's Individualized Educational Plan (IEP) and graded via a pass/fail structure.
Math Emphasis 1 year, 1 credit; or 1 semester, .5 credit Grades 9-12	This course is designed to support students taking Integrated I, Geometry, or Algebra 2. Students work to develop positive math dispositions and key math concepts, skills, and problem-solving strategies that are not yet secure to help them achieve success in their regular math class. Students receive credit for this course, though it is graded pass/fail and will not be counted in their GPA.

AP CAPSTONE

AP Capstone is an innovative diploma program from the College Board that equips students with the independent research, collaborative teamwork, and communication skills that are increasingly valued by colleges. AP Capstone is built on the foundation of two AP courses - AP Seminar and AP Research - and is designed to complement and enhance the in-depth, discipline-specific study experienced in other AP courses. The path to AP Capstone starts in AP Seminar which is an English elective. Students who earn scores of 3 or higher in AP Seminar and AP Research and on four additional AP Exams of their choosing will receive the AP Capstone Diploma. Students who earn scores of 3 or higher in AP Seminar and AP Research but not on four additional AP Exams will receive the AP Seminar and Research Certificate. **AP Seminar may also be taken as a stand-alone option. For further information about the program see this document.**

AP CAPSTONE (CONT.)



Wauwatosa's AP Offerings

AP African American Studies AP American Government AP Art History AP Art Studio AP Biology AP Calculus AB AP Calculus BC AP Chemistry AP Computer Science Principles AP Digital Media AP Environmental Science	AP French Language & Culture AP German Language & Culture AP Human Geography AP Language & Composition AP Literature & Composition AP Physics 1 AP Physics 2 AP Physics C: Electricity & Magnetism AP Physics C: Mechanics	AP Psychology AP Research (not an English) AP Seminar AP Statistics AP U.S. History
Students that earn credit by taking an Advanced Placement course will have .025 weight added for every .5 credit earned.		

PATHWAYS

Programs of Study	**Connecting & Supporting Success**	**Caring for Communities**	**Cultivating Resources**	**Building & Moving**	**Creating & Experiencing**	**Investing in a Future**
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
AP Capstone						
AP Research	X	X	X	X	X	X
AP Seminar	X	X	X	X	X	X

AP CAPSTONE COURSES

Advanced Placement Research
1 year, 1 credit
Grades 11-12 (Weighted Course)
Prerequisite: AP Seminar

This course is the second half of AP Capstone and provides students an opportunity to engage in rigorous scholarly practice of the core academic skills necessary for college-level interdisciplinary inquiry. AP Research follows and expands on AP Seminar. In this course, students are encouraged to use their previous experience in AP Seminar and other AP courses as inspiration for an independent research study that they then develop, refine, and execute throughout the school year. AP Research cultivates curious, independent, and collaborative scholars and prepares them to make logical, research-based decisions and to communicate those decisions effectively through speaking, writing and mixed media. All students are highly encouraged to take the AP exam at the end of the year.

Advanced Placement Seminar
1 year, 1 credit
Grades 10-12 (Weighted Course)
Sophomore Prerequisite: Must have successfully completed English 9 with an A or B

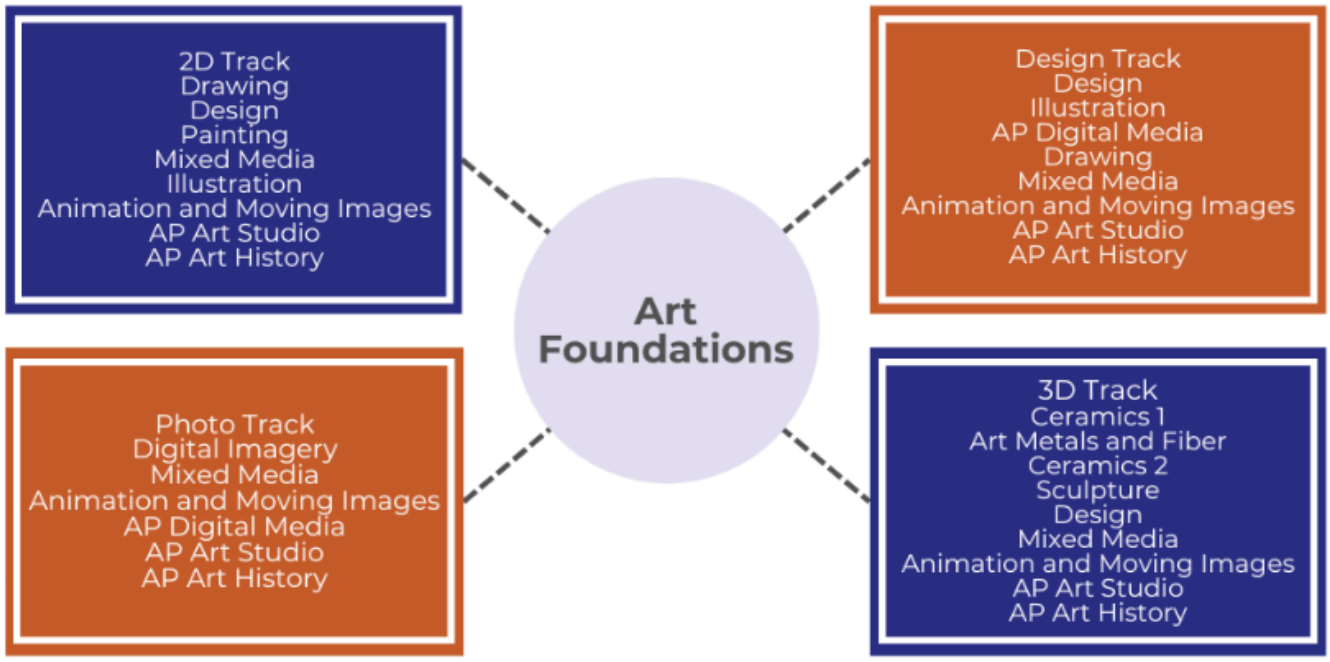
Junior/Senior Prerequisite: Successfully completed English 10

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Students can start their AP Capstone journey early by taking as a sophomore, or this course is available as a junior or senior English elective. All students are highly encouraged to take the AP exam at the end of the year.

Sophomores considering this course: In addition to successfully completing English 9 with an A or B the following should be considered. AP Seminar is a college-level course with a rigorous, fast-paced curriculum that requires a high level of independence, critical thinking, and academic maturity. Because students will engage in extensive reading, analysis, and evidence-based writing, it is strongly recommended that students demonstrate proficiency on the mid-year CommonLit reading benchmark before enrolling to ensure they are prepared for the demands of the course.

ART

The Art Department strives to give all students a strong foundation in the visual arts. We expect our students to learn how to accurately render three-dimensional objects onto a two-dimensional page. We expect our students to acquire a basic understanding of color, light, space, and composition in order to achieve a strong sense of craftsmanship in a variety of media. It is our goal that all of our students understand that Art is not about projects; rather, that it is about focusing, redefining ideas, and learning how to see. Our students will begin to pay attention to how they perceive and interpret the world around them. They will be able to problem solve, interpret, discuss, and critique images; and they will have a working knowledge of art history and how it relates to their own work. Students will be made aware of education and career opportunities in the visual arts. Many of the art courses have prerequisites. Should a student feel that they already possess the requisite skills, the student can exercise the prerequisite bypass process for consideration. The chart on the following page indicates various paths that are possible in the Art Program:



ART (CONT.)

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Art						
AP Art History	X	X		X	X	
AP Art Studio	X	X		X	X	
AP Digital Media	X	X		X	X	
Animation & Moving Images	X			X	X	
Art Foundations	X				X	
Art Metals & Fiber	X				X	
Ceramics I	X				X	
Ceramics II	X				X	
Design	X			X	X	
Digital Imagery	X			X	X	
Drawing	X	X		X	X	
Illustration	X	X			X	
Mixed Media	X				X	
Painting	X			X	X	
Sculpture	X			X	X	

ART COURSES

Advanced Placement Art History
1 year, 1 credit
Grades 10-12 (Weighted Course)

AP Art History is designed to provide the same benefits to secondary school students as those provided by an introductory college course in art history: an understanding and enjoyment of architecture, sculpture, painting, and other art forms within historical and cultural contexts. In the course, students examine major forms of artistic expression from the past and present and from a variety of cultures. They learn to look at works of art critically, with intelligence and sensitivity, and to articulate what they see or experience. No prior exposure to art history is required. However, students who have done well in other courses in the humanities, such as history and literature, or in any of the studio arts are especially encouraged to enroll. College courses cover the various art forms in the following proportions: 40-50% painting and drawing, 25% architecture, 25% sculpture, and 5-10% other media. The AP Art History Examination reflects these distributions. An understanding of the elements of art, fundamental art historical terminology, and technical processes used in the production of art is basic to both college and AP courses. Art history increasingly emphasizes understanding works in context, considering such issues as patronage, gender, and the functions and effects of works of art. All students are highly encouraged to take the AP exam at the end of the year.

Advanced Placement Art Studio
1 year, 1 credit
Grade 12 (Weighted Course)
Prerequisite: Art Foundations and two semesters of advanced art courses

AP Art Studio is a rigorous college-level program intended for highly motivated students who are seriously interested in the study of art. Study areas and directions are mutually agreed upon. Students keep sketchbooks, write essays, and develop their ability to talk about their art. Students submit a digital portfolio to the College Board of Examination Committee. Students who successfully pass the portfolio exam with a 3 or better can be granted credit, advanced placement, or both. There is a fee for the exam reading; please contact your school counselor or teacher for more information. Portfolio students will be expected to participate in Portfolio Days, Scholastic, and other scholarship competitions. All students are highly encouraged to take the AP exam at the end of the year.

ART COURSES (CONT.)

Advanced Placement Digital Media
1 year, 1 credit
Grade 12 (Weighted Course)
Prerequisite: Digital Imagery

It is highly recommended that students take Design and/or Animation & Moving Images

AP Digital Media is a rigorous college-level program intended for highly motivated students who are seriously interested in the study of art. Study areas and directions are mutually agreed upon. Students keep sketchbooks, write essays, and develop their ability to talk about their art. All students will create and build a portfolio. Students in this section make digital media their main focus. This includes any combination of the following: digital photography, digital design, use of the Adobe Suite (Photoshop, Illustrator, etc), video, or animation. Students will be expected to participate in Portfolio Days, Scholastic, and other scholarship competitions. Students in this section may choose to submit a digital 2D design portfolio to the College Board of Examination Committee. Students who successfully pass the portfolio exam with a 3 or better can be granted credit, advanced placement, or both. There is a fee for the exam reading; please contact your school counselor or teacher for more information. All students are highly encouraged to take the AP exam at the end of the year.

Animation and Moving Images
1 semester, .5 credit
Grades 10-12 or 9th grade students currently enrolled in Art Foundations

This course is designed for students who desire to improve their sense of observation, timing, and motion through the process of making animations and short films. A variety of approaches will be explored beginning with simple analog techniques and moving quickly to digital animation. Students will become familiar with storytelling, character development, and dramatic structure. An introduction to general animation techniques, this course combines elements of film aesthetics with practical experience in animation filmmaking. Emphasis is on creating movement and expression utilizing traditional or electronically generated image sequences. Students are exposed to all types of animated film production through lectures, film presentations, studio work and outside assignments. This introductory course gives students a working knowledge of animation techniques necessary to design short animated sequences

Art Foundations
1 year, 1 credit
Grades 9-12

Art Foundations focuses on the basics of seeing and drawing accurately. Painting and color theory round out the year. This course teaches drawing sequentially. Students do NOT need to have any previous drawing experience in order to take this class. Art Foundations is the prerequisite for many of the other advanced art classes. The skills learned here will be necessary and useful for any student who wishes to pursue art for more than one year, and is a must for any student wishing to take AP Art Studio.

Art Metals and Fiber
1 semester, .5 credit
Grades 10-12 or 9th grade students currently enrolled in Art Foundations

Learn to create small metal or mixed media sculpture as well as functional and/or non-functional jewelry. Students will learn to use the jeweler's saw, shape metal and wire, create patinas, solder, work with fibers, and learn to mix 3D media. Students will discover new ways to make their 3D work personally meaningful. Freshmen who are enrolled in Art Foundations for the entire year may take this course second semester.

ART COURSES (CONT.)

Ceramics 1 1 semester, .5 credit Grades 10-12 or 9th grade students currently enrolled in Art Foundations	This course is an introduction to making 3D work out of clay including hand building, glazing, and different sculptural techniques. Freshmen who are enrolled in Art Foundations for the entire year may take this course second semester.
Ceramics 2 1 semester, .5 credit Grades 10-12 Prerequisite: Ceramics 1	This course is a continuation of Ceramics 1 with the development of advanced techniques in experimental glazing, hand-built and wheel-thrown clay.
Design 1 semester, .5 credit Grades 10-12 Prerequisite: Art Foundations or an "A" in Digital Imagery	This course is an introduction to Graphic Design. Band posters, skateboard logos, letterhead, postage T-shirts are all samples of the types of things that students design in this class. Students will sometimes work with Adobe Photoshop. Students who are interested in all sorts of design (surface design, interior design, graphic design, typography, illustration) will benefit from this class. This is a great course to take prior to AP Digital Media.
Digital Imagery 1 semester, .5 credit Grades 10-12 or 9th grade students currently enrolled in Art Foundations	This course is designed to provide a basic understanding of digital imagery. Students will learn how to use digital cameras, scanners, and Adobe Photoshop. Students will also learn about color and composition in relation to two-dimensional art, as well as have the opportunity to transform digital photographs into books, digital stories, self-portraits, and personal pieces. Freshmen who are enrolled in Art Foundations for the entire year may take this course in the second semester.
Drawing 1 semester, .5 credit Grades 10-12 Prerequisite: Art Foundations	This course introduces new techniques and explores figure drawing. Students are encouraged to develop their own style and will get to work from their imagination and from life. Students will work in a wide variety of media (pencil, pastel, gouache, marker, charcoal, etc.) and will learn to keep sketchbooks, critique artwork, effectively communicate ideas, and problem solve. Creative and critical thinking skills are emphasized.
Illustration 1 semester, .5 credit Grades 10-12 Prerequisite: Art Foundations	This course is an introduction to visual storytelling. Students who love to draw from their imagination ("from their head") will love this course. Emphasis is placed on creative thinking and problem solving. Students will learn to come up with multiple solutions for single problems. Students will have assignments that ask them to illustrate things like lyrics, poems, movies, and ideas. Students will learn to create and develop their own style of drawing, as it relates to illustration. Students will also be introduced to fashion illustration and will learn to create illustrations with a variety of media.
Mixed Media 1 semester, .5 credit Grades 10-12 Prerequisite: Art Foundations	If you are eager to explore a wide range of media, this class is for you. Paint, pencils, charcoal, markers, inks are all used to create a wide variety of two-dimensional artworks. Students learn to incorporate drawing and painting with other things like printmaking and collage.

ART COURSES (CONT.)

Painting 1 semester, .5 credit Grades 10-12 Prerequisite: Art Foundations	This course is an exploration of a wide variety of painting approaches with an emphasis on color relationships. New skills and techniques are introduced. Students will learn to mix and layer acrylic paint. Students will keep sketchbooks, record and communicate ideas, critique artwork, and solve visual problems. Students will learn how to mix other media (charcoal, ink, crayons, etc.) with paint. Students do not need any prior painting experience to take this class, but we highly recommend taking drawing first.
Sculpture 1 semester, .5 credit Grades 10-12 or 9th grade students currently enrolled in Art Foundations	This course offers an opportunity to explore 3D materials such as fibers, metals, air dry clay, and plaster. Students are encouraged to create functional and non-functional sculptures, including wearable art. Emphasis is on artist intent, personal style, and creative problem solving. Freshmen who are enrolled in Art Foundations for the entire year may take this course in the second semester.

WHAT IS THE DIFFERENCE BETWEEN AP ART STUDIO AND AP DIGITAL MEDIA?

AP Art Studio (Seniors Only)	AP Digital Media (Seniors Only)
This course is recommended for students who have taken several art courses and who are interested in creating a diverse portfolio using a wide variety of materials (paint, sculpture, mixed media, printmaking, fibers, clay, metals etc).	This course is designed for students who are interested in creating artworks primarily with digital media. This includes any combination of the following: digital photography, digital design, use of the Adobe Suite (Photoshop, Illustrator, etc), video, or animation.
Art Foundations and at least two other semesters of art courses are required. We highly recommend taking as many art courses as you can prior to the AP Level.	Digital Imagery is required. Design and Animation & Moving Images are highly recommended prior to the AP level.
Many, though not all, students who take AP Art Studio are interested in pursuing art in college or working in a creative field. Students who are not interested in pursuing art after high school do find that portfolio is helpful as supplemental material for college applications and CAN use the AP art test for college elective credit.	Many, though not all, students who take AP Digital Media are interested in pursuing art in college or working in a creative field. Students who are not interested in pursuing art after high school do find that portfolio is helpful as supplemental material for college applications and CAN use the AP art test for college elective credit.
Students in this section will be able to take one of these three AP exams: AP 3D Design AP 2D Design AP Drawing	Most students in this section will take the AP 2D Design Exam. Some students may take AP 3D Design depending upon their approach to digital media. For example, if the majority of their digital work is explored sculpturally or is conceived in three dimensions, the student may be directed to select the 3D design portfolio.

BUSINESS EDUCATION

The Business Education Department offers students a sequence of courses that provides practical, lifelong skills applicable to our changing society. Using state-of-the-art technology, students will discover the applications for technology to a wide variety of career areas in our global economy. In upper-level courses students develop the knowledge base and hands-on training needed to meet the technological and business challenges of the future, both through postsecondary education and in the workforce of the 21st century. The Wauwatosa School District Business Department has entered into articulation agreements with the Wisconsin Technical College System (WTCS) schools. This means that a graduate, through careful selection of high school Information Technology courses, can obtain advanced standing or transcripted credit in several courses through WTCS. The term *advanced standing* refers to high school courses or competencies that are determined to be EQUIVALENT TO a technical college course. A high school teacher in which high school grading policies are used teaches these courses. Technical college grades are not given for these courses. *Transcripted credit*, also referred to as "technical college credit," demonstrates a high school course that is THE SAME AS a technical college course. In other words, a technical college course offered to high school students using technical college books and materials.

PATHWAYS

Programs of Study	**Connecting & Supporting Success**	**Caring for Communities**	**Cultivating Resources**	**Building & Moving**	**Creating & Experiencing**	**Investing in a Future**
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Business Education						
Accounting I		X		X	X	X
Accounting II		X		X	X	X
Advanced Marketing	X	X	X	X	X	X
Business Foundations (DE)	X			X	X	X
Business Law	X			X	X	X
Business & Personal Finance	X	X	X	X	X	X
Introduction to Marketing	X	X	X	X	X	X
Sports & Entertainment Marketing	X				X	

BUSINESS EDUCATION COURSES

Accounting 1 1 year, 1 credit Grades 9-12	This course introduces students to basic accounting concepts—especially debits and credits, utilizing the accounting equation. Balance sheets and income statements are introduced while students learn about accounting for a sole proprietorship and corporations. Students will be introduced to automated accounting on the computer network and will also complete spreadsheets in Excel. In the second half of the course, students will focus on the corporate form of business ownership. This course is recommended for students planning to study any business or accounting field at the post-secondary level.
Accounting 2 1 year, 1 credit Grades 10-12 Prerequisite: Accounting 1	In this advanced course, students learn to interpret financial accounting data to make managerial accounting decisions. Computerized simulations play a role in this course. This course is intended for students with an interest in further accounting or business study who can work independently.
Advanced Marketing 1 year, 1 credit Grades 11-12 Prerequisite: Introduction to Marketing	Students will collaborate with each other and local businesses, developing skills and understandings related to entrepreneurship. They will engage in hands-on, project-based learning in such areas as marketing research, professional development, customer service, and hospitality and tourism. This course will prepare students to ultimately work in and understand the world of marketing, honing their skills as leaders and managers.
 **Business Foundations (Dual Enrollment)** 1 semester, .5 credit Grades 11-12 (Weighted Course) Prerequisite: Business and Personal Finance, Intro to Marketing, Accounting or Business Law	This course introduces the basic principles of business management and surveys a broad range of topics that relate to contemporary business practices. It explores business trends, business ownership and entrepreneurship, strategic management, human resource development, marketing, finance, information technology, ethics, and business career opportunities. This class is offered in collaboration with the University of Wisconsin-Green Bay. Students may choose to enroll for UW-GB credits in addition to high school credit. *Please note, additional fees apply if taking this course for college credit. This course translates to Business and Its Environment (BUS ADM 202) at UW-GB. This creates a college transcript that will allow students to earn credits at any college or university they choose to attend.
Business Law 1 semester, .5 credit Grades 10-12	The course stresses the understanding of law as applied to everyday activities, such as contracts, consumer rights, real property rights and duties, the construction of a will, employer and employee rights and duties, etc. Business Law teaches students to understand their individual rights and responsibilities through the study of civil law (torts) and helps them determine when they should consult professional legal advice. Students will have the opportunity to participate in a mock trial. Business and Personal Finance is recommended, but not required, before taking this course.

BUSINESS EDUCATION COURSES (CONT.)

Business and Personal Finance
1 semester, .5 credit
Grades 9-12

Fulfills the school district's financial literacy requirement

This course is designed to introduce students to forms of business ownership, investments, finance, insurance, taxes and ethics. Comprehensive projects and other group activities are used in evaluating student performance. Budgeting, credit and checkbook management, real estate, car buying and financial planning are also emphasized. This course is recommended for all students.

Introduction to Marketing
1 semester, .5 credit
Grades 9-12

This course is designed to introduce students to career options in merchandising, selling, and advertising. The marketing mix is described and explained in detail. Entrepreneurial training will be the focus of this class. Students will create print ads, displays, multimedia ads, and other practical projects such as radio and television commercials, web pages, newspaper ads, and direct mail advertising.

Sports and Entertainment Marketing
1 semester, .5 credit
Grades 10-12
Prerequisite: Introduction to Marketing

This course provides students with the skills necessary to apply marketing concepts to the sports and entertainment marketing fields. Students will explore the connection between marketing and the sports and entertainment marketing industries, focusing on promotion and sponsorship. The areas of study include event promotion, sponsorship, development and sales, event management, and the basic functions of marketing as they apply to the sports and entertainment industries. Students will learn through hands-on projects, business partnerships, fieldtrip experiences, and by creating their own sports and entertainment events. Students will also see how marketing operates in the movie, music, and theater industries. If you are interested in sports and entertainment marketing or want to tap into your creative side, this is the class for you.

COMPUTER SCIENCE

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Computer Science						
AP Computer Science Principles	X	X	X	X	X	X
Exploring Computer Science	X	X	X	X	X	X

COMPUTER SCIENCE COURSES

Advanced Placement Computer Science Principle
1 year, 1 credit
Grades 10-12 (Weighted Course)
Prerequisite: Exploring Computer Science

AP Computer Science Principles introduces students to the central ideas of computer science, instilling the ideas and prescribing practices of computational thinking and inviting students to understand how computing changes the world. This rigorous course promotes deep learning of computational content, develops computational thinking skills, and engages students in the creative aspects of the field. The course is based on the following big ideas: creativity, abstraction, data and information, algorithms, programming, the internet, and global impacts of computing. All students are highly encouraged to take the AP exam at the end of the year. NOTE: This course may count as a math credit towards graduation requirements at West High School only, but will not be recognized as a math credit at colleges and universities.

Exploring Computer Science
1 year, 1 credit
Grades 9-12

This course is designed for students who are curious about how computing affects their lives and want to use computers more effectively. The primary focus is not on learning particular software tools or programming languages, but rather on foundational computer science concepts and skills. The units include Human and Computer Interaction, Problem Solving, Web Design, Introduction to Programming, Computing and Data Analysis, and Robotics. Through interactive study, students will learn how computing can be creative, how technology can be a tool to solve problems, and how computer science has an impact on society. This is an introductory course that can prepare students for enrollment in advanced computer science.

EDUCATION

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Education						
Concepts, Issues, & Field Experience in Education (DE)		X				
Culturally Responsive Teaching & Learning (DE)		X				

EDUCATION COURSES

Concepts, Issues, and Field Experience in Education (Dual Enrollment)
1 semester, .5 credit
Grades 11-12 (Weighted Course)

If you are interested in the field of Education, this course would be a great fit for you. This course will teach future teachers the practical skills and dispositions needed to work effectively with children, teachers, staff and administrators in K-12 settings. Through extensive fieldwork with students in K through 12th grades, education candidates learn the necessary behaviors and disposition skills needed to develop successful relationships with these individuals, and to experience early classroom involvement and individual interactions with students well before the student teaching experience. The course will not teach students how to teach. Rather, it will help students begin thinking in new and informed ways about teaching and learning. If a student plans to attend UW-Green Bay, this course will fulfill a graduation requirement for education major candidates. This course will require students to complete fieldwork hours in an educational setting (elementary, middle, high school). Students may choose to enroll for UW-GB credits in addition to high school credit. *Please note, additional fees apply if taking this course for college credit. If a student plans to attend UW-Green Bay, this course will fulfill a graduation requirement for education major candidates.

Culturally Responsive Teaching and Learning (Dual Enrollment)
1 semester, .5 credit
Grades 11-12 (Weighted Course)

This course focuses on developing future teachers in their understanding of the cultural, historical, political, economical, sociological, and educational challenges, policies, issues, and resources of an increasingly diverse America and world. Students will be provided with the opportunity to visit and observe classrooms throughout the district. Students may choose to enroll for UW-GB credits in addition to high school credit. *Please note, additional fees apply if taking this course for college credit. If a student plans to attend UW-Green Bay, this course will fulfill a graduation requirement for education major candidates. **For students that are not considering a career in education this course may fulfill a General Education, Social Science, Cultural Diversity or Ethnic Studies college graduation requirement.**

ENGLISH

The English Department courses are designed to foster growth in reading, writing, speaking, and listening skills as students learn to make language work for them. The literature component contributes to students' appreciation and understanding of works of literature and increases their knowledge of the world and the universal problems of human beings. The English department makes equitable access a guiding principle for its program and is committed to the principle that all students deserve an opportunity to participate in rigorous and academically challenging courses. Four credits in English are required for graduation. A half credit of Oral Communications is required for students in the class of 2027.

Juniors and seniors should have one semester of literary analysis and one semester of academic writing each year unless they are enrolled in an Advanced Placement English course.

ENGLISH (CONT.)

Grade 9	**Required:** English 9 **Elective Offerings:** Oral Communications, Media and Message
Grade 10	**Required:** English 10 or AP Seminar (see prerequisites) **Elective Offerings:** Oral Communications, Media and Message
Grade 11	**Required if not taking AP or Dual Enrollment:** English 11 **One of the following is required:** • AP Literature and Composition • AP Language and Composition • AP Seminar • 1 semester dual enrollment Composition + 1 semester dual enrollment Introduction to College Literature • 1 semester dual enrollment Composition + 1 semester Multicultural Literature • 1 semester dual enrollment Introduction to College Literature + 1 semester Multicultural Literature **Elective Offerings:** Media and Message: Writing for a Modern Audience Oral Communications Creative Writing Composition dual enrollment Composition dual enrollment Introduction to College Literature Multicultural Literature
Grade 12	Any course previously listed

PATHWAYS

Programs of Study	**Connecting & Supporting Success**	**Caring for Communities**	**Cultivating Resources**	**Building & Moving**	**Creating & Experiencing**	**Investing in a Future**
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
English						
English 9, 10, 11	Foundational Coursework					
AP Language & Composition	X	X	X	X	X	X
AP Literature & Composition	X				X	
AP Seminar* (10th Grade Foundational Option)	X	X	X	X	X	X
College Composition (DE)	X	X	X	X	X	X
Composition	X	X	X	X	X	X
Creative Writing	X				X	
Functional ELA 1,2,3,4	X	X	X	X	X	X
Intro to College Literature (DE)	X				X	
Media + Message	X	X			X	
Multicultural Literature	X				X	
Oral Communications	X	X	X	X	X	X

ENGLISH COURSES

Advanced Placement Language and Composition
1 year; 1 credit
Grades 11-12 (Weighted Course)
Prerequisite: Must have successfully completed English 9 and 10

This year-long course is designed to provide students with intensive practice and additional assistance in the concepts and skills tested by the AP Language and Composition test. The purpose of AP Language and Composition is to improve students' proficiency with advanced content, skills and processes through classical analysis of the rhetorical transaction in both fiction and nonfiction genres; composition of research-based essays; and discourses designed to state and defend an argument. The overarching purpose is to enable students to write effectively and confidently in their college courses across the curriculum and in their personal and professional lives. All students are highly encouraged to take the AP exam at the end of the year.

Advanced Placement Literature and Composition
1 year; 1 credit
Grades 11-12 (Weighted Course)
Prerequisite: Must have successfully completed English 9 and 10

Students will read a wide range of challenging works of literature (primarily novels, plays and poetry) and will work to develop their skills of analysis through discussing and writing about those works. The required reading will include many selections of recognized literary merit by major authors from British, American, and world literature. This rigorous course will approach its content on an intellectual level appropriate to introductory college courses. In addition to providing this sort of academic preparation and the opportunities for personal growth, which are inherent in a literature course of this type, the course is intended as preparation for the Advanced Placement Literature and Composition exam. Thus, there is primary focus on development of close reading skills and skills of inference, on understanding and application of literary terms, and on a reasonably knowledgeable acquaintance with a wide body of challenging literature. These areas of emphasis will help any motivated student's academic growth, whether he or she ultimately takes the AP test or not. Successful completion of AP Language and Composition is the best foundation for this course, although other students may choose to enroll if they are strong readers who have mastered the basics of composition of language and who seek additional challenges in the academic discipline of English. All students are highly encouraged to take the AP exam at the end of the year.

Advanced Placement Seminar
1 year; 1 credit
Grades 10-12 (Weighted Course)
Prerequisite: Must have successfully completed English 9 with an A or B
Junior/Senior Prerequisite: Successfully completed English 10

AP Seminar is a foundational course that engages students in cross-curricular conversations that explore the complexities of academic and real-world topics and issues by analyzing divergent perspectives. Using an inquiry framework, students practice reading and analyzing articles, research studies, and foundational literary and philosophical texts; listening to and viewing speeches, broadcasts, and personal accounts; and experiencing artistic works and performances. Students learn to synthesize information from multiple sources, develop their own perspectives in research-based written essays, and design and deliver oral and visual presentations, both individually and as part of a team. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Students can start their AP Capstone journey early by taking as a sophomore, or this course is available as a junior or senior English elective. All students are highly encouraged to take the AP exam at the end of the year.

ENGLISH COURSES (CONT.)

College Composition (Dual Enrollment)
1 semester, .5 credit
Grades 11-12 (Weighted Course)
Prerequisites: Must have successfully completed English 9 and English 10 or AP Seminar, B or better in previous year's English course(s) highly recommended

This rigorous, college-level course taught by an approved university adjunct professor will teach students the writing skills they need to be successful in their various college courses as well as in their personal and professional lives. More specifically, students will learn how to analyze nonfiction print and nonprint media; construct logical, compelling arguments; and practice sound research methods and synthesize their findings into their own original compositions in an artful, sophisticated manner. Students may earn 3 credits from University of Wisconsin—Green Bay for this course. *Please note, additional fees apply if taking this course for college credit. The course will appear as Writing Foundations 100: First Year Writing on their university transcript and may fulfill the standard freshman composition requirement at most major colleges and universities).

Composition
1 semester, .5 credit
Grades 11-12

Composition focuses on writing that students will encounter outside an academic setting with an emphasis on career readiness and real-world application. Career readiness applications include informative writing, evaluative writing, processed description, comparison/contrast and reflective writing. Instruction centers on using the writing process to appeal to a wide variety of audiences, using various stylistic and organizational strategies. Study and practice will also focus on sentence construction, usage, mechanics, etc.

Creative Writing
1 semester, .5 credit
Grades 11-12

Creative Writing provides students with opportunities to improve their ability to write creatively through imaginative forms of writing such as poetry, drama, short stories, and creative nonfiction. Exposure to the language of other writers, photographs, music, films, and other art forms will be used to stimulate writing. Emphasis is placed on developing students' writing potential by sharpening and developing their sensitivity and insight into themselves, others, and the world around them. While the course fosters the growth of self-expression through imaginative writing, students will also be encouraged to develop greater sophistication in writing for a variety of purposes, as well as their ability to communicate their creativity to others.

English 9
1 year, 1 credit
Grade 9 Required

In English 9, students will participate in a rigorous, engaging, Wisconsin standards-aligned course that provides practice and skill development in the following areas: reading, writing, language, speaking and listening. This course emphasizes a student-focused and student-led exploration of thought-provoking, diverse texts and topics across a wide variety of units. Students will engage in effective habits of reading, writing, speaking, listening, and critical thinking while cultivating self-reliance and independent learning. Within this course, students engage in significant collaboration and reflection, developing the skills necessary to analyze complex ideas and communicate their understanding effectively. Students will be immersed in a wide variety of literature and informational reading while practicing close reading techniques, language analysis and participating in collaborative discussions in order to develop their skills as readers and writers.

ENGLISH COURSES (CONT.)

English 10 1 year, 1 credit Grade 10 Required Prerequisite: English 9	English 10 is a rigorous, engaging, Wisconsin standards-aligned course that provides practice and skill development in the following areas: reading, writing, language, speaking and listening. This course will prepare students for any English pathway they choose to take from there, including AP coursework. This course emphasizes a student-focused and student-led exploration of thought-provoking, diverse texts and topics across a wide variety of units. Students will engage in effective habits of reading, writing, speaking, listening, and critical thinking while cultivating self-reliance and independent learning. Within this course, students engage in significant collaboration and reflection, developing the skills necessary to analyze complex ideas and communicate their understanding effectively. Students will be immersed in a wide variety of literature and informational reading while practicing close reading techniques, language analysis and participating in collaborative discussions in order to develop their skills as readers and writers.
English 11 1 year, 1 credit Grade 11 Required unless taking an AP, 2 dual enrollment Courses or 1 dual enrollment Course and Multicultural Lit	English 11 provides juniors with a comprehensive, standards-aligned English Language Arts experience. Students will read engaging texts, strengthen their writing skills, and prepare for college and career reading assessments, including the ACT. This course is an alternative to AP English courses and dual enrollment courses and ensures all juniors receive rigorous instruction aligned to state standards. Examples of Student Outcomes: Write clear, evidence-based argumentative essays citing multiple texts. Demonstrate mastery of ACT-level reading passages and comprehension questions. Engage in Socratic seminar to discuss and analyze a complex text. Participate in independent or group presentations to share knowledge and new ideas. Apply annotation strategies to identify theme, argument, and rhetorical choices.
Functional English Language Arts (1,2,3,4) 1 year, 1 credit Grades 9-12	This course is designed to meet the individual learning needs of students working toward alternative achievement standards as outlined in their Individualized Education Programs (IEPs). Instruction will focus on developing essential skills in reading, writing, speaking, and listening, with an emphasis on functional communication, literacy for everyday life, and personal expression. Students will engage with age-appropriate and ability-aligned texts, while also interacting with adapted literature, informational materials, and multimedia content that align with grade-level topics through guided instruction, hands-on activities, and collaborative learning to foster independence and prepare students for postsecondary transitions. Enrollment in this course is available only through a student's Individualized Educational Plan (IEP) and graded via a pass/fail structure.

Introduction to College Literature (Dual Enrollment)
1 semester, .5 credit
Grades 11-12 (Weighted Course)
Prerequisites: Must have successfully completed English 9 and English 10 or AP Seminar, B or better in previous year's English course(s) highly recommended

Students in this rigorous, college-level course taught by an approved university adjunct professor will develop their reading, writing, speaking, and critical thinking skills and increase their understanding of literary conventions and criticism by engaging with great works of British literature from the ancient past up to the present day. Throughout the semester, students will read great works from the three traditional literary genres (prose fiction, poetry, and drama) as well as more recent genres, like flash fiction, graphic novels, and film, to better understand, appreciate, and enjoy literature. Students may earn 3 credits from University of Wisconsin—Green Bay for this course. *Please note, additional fees apply if taking this course for college credit. The course will appear as English 104: Introduction to Literature on their university transcript.

Media + Message: Writing for a Modern Audience
1 semester, .5 credit
Grades 9-12

Media and Message: Writing for a Modern Audience provides students with hands-on experience in journalism, digital publishing, and multimedia communication. Students will write, design, and produce stories for the school's online news site, social media platforms, and video announcements. Projects will include news and feature writing, protojournalism, podcasts, and video production. Students will learn how to craft messages for specific audiences, apply ethical and professional journalism standards, and analyze the role of media in society. This course prepares students with college and career-ready literacy and communication skills.

Examples of Student Outcomes:

- Write and publish journalistic pieces that meet AP style and professional standards.
- Produce multimedia projects (photography, podcasts, or video segments) for real audiences
- Analyze how media shapes audience understanding and public discourse
- Demonstrate proficiency in research, interviewing, editing, and collaboration
- Apply ethical and legal standards to media production and publishing.

ENGLISH COURSES (CONT.)

Multicultural Literature
1 semester, .5 credit
Grades 11-12 Required junior year if only one Dual Enrollment class is taken

Multicultural Literature is an elective English course for juniors and seniors that explores diverse voices and perspectives through literature. Students will study texts from a range of cultural, racial, and global contexts, developing their ability to analyze, discuss, and write about literature in ways that highlight identity, voice, and cultural representation. This course meets the Wisconsin ELA 11-12 standards and prepares students for college and career literacy demands as well as ACT Reading expectations.
Examples of Student Outcomes:

- Analyze how diverse authors use literary devices to express identity, culture, and social commentary
- Write analytical essays and responses aligned to Wisconsin ELA standards
- Engage in academic discussions and presentations, demonstrating strong speaking and listening skills
- Conduct short research projects that connect literature to historical and cultural contexts.
- Demonstrate growth in reading comprehension and critical thinking across

Oral Communication
1 semester, .5 credit
Grades 9-12

This is a course designed to increase students' knowledge of the communication process and development of skills to communicate effectively, primarily through speaking and listening. It focuses on six major units—the communication process, listening, interpersonal communication, public speaking, group discussion, and debate—to develop competencies which will enhance students' relationships with others in social and career contexts. This course will also provide practice in communicating effectively when doing performance assessments. While the course emphasizes speaking and listening, it incorporates reading and writing to help students develop fully as effective communicators.

FAMILY & CONSUMER SCIENCE

The Family & Consumer Science courses are designed for all students to build 21st century skills. These skills allow students to function independently and interdependently as family members across the life span, to manage the challenges of living, and to prepare for careers. Students actively engage in hands-on and laboratory experiences and analyze what they learn.

The Family & Consumer Science Department provides opportunities for students to participate in the following in-school and community experiences:

- Volunteer Experiences
- Student Internships
- Co-Op
- Youth Apprenticeships
- Work Experiences
- Career Shadowing
- Mentoring Programs

- Earn advanced standing or technical college credit
- Earn Wisconsin Health Youth Apprenticeship Certification
- Earn Wisconsin Employability Skills Certificate
- Earn Co-operative Education Skill Certification in Family & Consumer Services
- Earn Co-operative Education Skill Certification in Health Science Occupations
- Earn ProStart Certificate of Achievement

FAMILY & CONSUMER SCIENCE (CONT.)

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Family & Consumer Science						
CNA (DE)		X				
Child Development		X				
Culinary Arts I	X	X	X		X	
Culinary Arts II	X	X	X		X	
International Cuisine	X	X	X		X	
Independent Living	X	X	X	X	X	X
Interpersonal Relationships		X				
Introduction to Health & Medical Careers I		X				
Introduction to Health & Medical Careers II		X				
Teaching & Working with Children		X				

FAMILY & CONSUMER SCIENCE COURSES

WAUKESHA COUNTY TECHNICAL COLLEGE

Certified Nursing Assistant
1 semester of classroom and clinical experience, .5 credit
Grades 11-12
Prerequisite: Intro. to Health and Med Careers 1 & 2 minimum age 16

This college-level course prepares students for the Wisconsin certified nursing assistant (CNA) exam and subsequent inclusion in the state Nursing Assistant Registry. Taught by a WCTC Nurse Instructor at Tosa East after school, the program covers essential healthcare communication, observation skills, and the physical, social, and psychological needs of patients. Students will learn to assist with activities of daily living such as bathing, toileting, and eating, and will gain practical experience through demonstrations, simulated hospital practice, and clinical hours in a Long-Term Care Facility. Successful completion of the course and the separate certification exam qualifies students for state certification as a CNA. Requirements include a physical exam, TB screening, COVID-19 vaccination, MMR, and flu shot for clinical participation. Attendance is mandatory, and grading follows WCTC's grading scale. For more information, please consult a counselor.

FAMILY & CONSUMER SCIENCE COURSES (CONT.)

Child Development
1 semester, .5 credit
Grades 9-12

The development of strong, healthy parent/child relationships is vital to our future. Class activities and speakers provide the learning environment for this most important task – parenting children. Topics to be covered include: decision to parent, parenting responsibilities & family structure, pregnancy and childbirth, skillful parenting, growth and development with a focus on birth to age two, meeting needs of infants and toddlers, developing potential in children, exploring child-centered careers, evaluating parenting trends. Students will also have the opportunity to take home an infant simulator to experience a small taste of the demands of caring for an infant.

Culinary Arts 1
1 semester, .5 credit
Grades 9-12

Food Service is one of the largest industries in the United States. It employs over thirteen million people and continues to grow. This course will emphasize the specific technical skills necessary for success within the Food Service industry. Students will learn about food, nutrition, teamwork, service, sanitation, and food costing in food preparation labs. Various restaurant operations will be simulated and different career paths will be studied. Students will be part of teams that plan, manage, make decisions and solve problems.

Culinary Arts 2
1 semester, .5 credit
Grades 10-12
Prerequisite: Culinary Arts 1

This course will center on the advanced study of food. The extensive semester lab experiences will be devoted to developing skills while preparing food specialty items. In addition to the classroom work, students may elect to earn the *ProStart National Certificate of Achievement*. Please see the instructor for further information.

Independent Living
1 semester, .5 credit
Grades 10-12

Fulfills the school district's financial literacy requirement

Issues facing students as they prepare for life and work after school can be complex and confusing. Students learn to use problem-solving strategies to make informed personal and family consumer decisions regarding housing, financial planning, money management (budgeting, reconciling bank accounts, credit cards), taxes, consumer purchases, careers, insurance, and consumer protection. Special emphasis is placed on financial literacy.



International Cuisine
1 semester, .5 credit
Grades 11-12
Prerequisite: Culinary Arts 1 and Culinary Arts 2

Students will be introduced to the world of cooking. This course emphasizes the cooking methods, eating habits, and cultural characteristics of people in diverse cultures and geographical areas. Students will plan, prepare, and present foods that represent various societies.

Interpersonal Relationships
1 semester, .5 credit
Grades 10-12

Who am I and how does that affect how I interact with people? In this class, discussions and projects will focus on relationship with self and others (Friendships, familial relationships, and romantic relationships) Students will learn to: develop a strong and secure self-image, develop character, develop resiliency, understand and deal with emotions, communicate effectively, resolve conflicts, create and uphold boundaries, and develop realistic expectations of all types of relationships. This class is highly recommended for students considering careers in mental health and human services.

FAMILY & CONSUMER SCIENCE COURSES (CONT.)

Introduction to Health and Medical Careers 1
1 semester, .5 credit
Grades 10-12

This course is designed for all students who want to pursue a career in Health Care. Course topics include evolution of healthcare, career exploration, knowledge and skills for health science with a focus on health informatics, therapeutic, and diagnostic careers, safety and infection control, healthcare delivery systems, cultural competence and legal & ethical issues. Class activities include authentic simulations, performing career specific skills, and health care professional speakers.

Introduction to Health and Medical Careers 2
1 semester, .5 credit
Grades 10-12
Prerequisite: Health & Medical Careers 1

Introduction to Health and Medical Careers 2 is a continuation of the study that was started in Introduction to Health and Medical Careers 1. Course topics include knowledge and skills for health science with a focus on careers in biotechnology and research and support services. Other subjects addressed may include medical terminology, body systems & functions, vital signs, and special topics in health and medicine. Class activities include authentic simulations, performing career specific skills, and health care professional speakers.

Teaching & Working with Children
1 semester, .5 credit
Grades 10-12

Students interested in careers involving children will learn the fundamentals of working with and caring for children. Students will plan and implement the following learning experiences for children: art, storytelling, dramatic play, writing, math, science, music and movement, and social studies. Students will also work with and observe children in schools, plan learning centers, develop age appropriate learning activities, create lesson plans, develop child guidance skills.

HEALTH COURSE

Health
1 semester, .5 credit
Grades 9-12 Required

HS Level Strands

- Emotional/Mental Health
- Stress and Stress Management
- Nutrition and Weight Control
- Drugs, Alcohol, Tobacco Use/Abuse
- Human Growth and Development
- First Aid, Safety and Community, CPR

HS Level Skills

- Analyzing Influences
- Accessing Accurate Information
- Interpersonal Communication
- Decision Making
- Goal Setting
- Self-Management
- Advocacy

LAUNCH

LAUNCH is a program for juniors and seniors that connects a student's academic knowledge to real world problems and projects through profession-based experiences in a dynamic, business-like setting. Students apply their learning through projects, supported by area business partners that require collaborative teams to solve problems, communicate with stakeholders, and implement solutions. Courses meet daily. Students will attend LAUNCH for a portion of the day, and their respective high schools for the remainder of their coursework.

The LAUNCH program consists of strands, or areas of study. Students may enroll in strands offered through either the Wauwatosa or Elmbrook school districts. **Students are responsible for their own transportation and need to follow the school calendar of the district in which their LAUNCH strand takes place.**

To create a unique professional academic experience for students and teachers, we utilize a multi-site approach for our program, including the respective high school, the LAUNCH facility and various business locations.

Please refer to the LAUNCH Website for specific strand and individual course descriptions, as well as more detailed information about the LAUNCH program.

LAUNCH COURSES

Automation, Robotics & Trends In It
3 credit experience
Hosted at Brookfield Central

For students who like using digital technology, robotics & automation, problem-solving, working as part of a team, and fixing things and want to learn about components of the world of IT, application of current technologies (automation & robotics, and computer programming)

This strand supports students' choice of industry certifications.

3 credit experience

- English 11/Professional Writing, Research and Communication (1 credit)
- Emerging Trends in IT (1 credit)
  Students will self-select areas of study which may include Robotics, Cloud Architecture, Cybersecurity, IOT, Java, Source Control, Full Stack Development, Databases, Data Analytics, etc.
- Mentorship (1 credit)

Data Science & Intelligence For Careers
3 credit experience
Hosted at Brookfield East (Sem 1) and Concurrency (Sem 2)
Recommendations: Prior completion of AP Statistics. Students can take or have an interest in Calculus

Students who like math and applications to authentic data driven experiences will enjoy this strand that provides an opportunity to learn how to code in Python and transfer these skills to essential elements of statistics, calculus, and linear algebra.

3 credit experience

- Python for Data Science (1 credit)
- Math for Data Science (1 credit)
- Mentorship (1 credit)

LAUNCH COURSES (CONT.)

Engineering Foundations
Equivalent course offerings available at East/West
3 credit experience
Hosted at Brookfield Central
Prerequisite: Introduction to Engineering or Principles of Engineering

A great strand for students to consider if they like engineering, design, creativity, science, BEAST Robotics, mathematics, problem-solving, and making/breaking things.

3 credit experience
- PLTW Engineering Design & Development (1 credit)
- English 11/Professional Writing, Research and Communication
- Mentorship (1 credit)

Foundations of Body Systems & Disease
3 credit experience
Hosted at Wauwatosa West

Ideal for students who like studying body systems, helping others, and applying research to solve problems, or would like to explore a career in healthcare, conduct research, and use a case study approach to solve problems.
3 credit experience
- Anatomy & Physiology (1 credit)
- Health & Disease (1 credit)
- Mentorship (1 credit)

Future Teachers
Equivalent course offerings available at East/West
First year students 3 credit experience
First year students modified 4 credit experience
Second year students 3 credit experience
Second year students modified 3 credit experience
Hosted at Brookfield East

Students who are considering a career in education, enjoy helping others, learning, service, collaboration, and educational settings are a great fit for Future Teachers. Learn how you can impact lives and get experience in a real educational setting.

First Year Students, 3 credit experience
- AP Psychology (1 credit)
- Educational Inquiry I* (1 credit)
- Mentorship (1 credit)

First Year Students, modified - 4 credit experience
For students who have already completed AP Psychology
- Educational Inquiry I* (1 credit)
- MU Educational Psychology* (ECCP, 1 HS credit), semester 1
- UW-Whitewater Introduction to Special Education* (ECCP, 1 HS credit), semester 2
- Mentorship (1 credit)

Second Year Students - 3 credit experience
- MU Educational Psychology*(ECCP, 1 HS credit), semester 1
- MU Teaching Practice 1* (ECCP, 1 HS credit), semester 2
- Mentorship (1 credit)
- UW-Whitewater Introduction to Special Education* (ECCP, 1 HS credit), semester 2, optional

Second Year Students, modified - 3 credit experience
For students who completed Ed Psych and Intro to Special Ed during their first year
- ECCP Course of Student's Choice within field
- MU Teaching Practice 1*(ECCP, 1 HS credit)
- Mentorship (1 credit)

* Students can earn college credit through a 4 year college
**Students can earn college credit through a 2 year college

LAUNCH COURSES (CONT.)

Global Business
Equivalent course offerings available at East/West
3 credit experience
Hosted at Concurrency
Prerequisite: Business and Personal Finance and one other additional Business course

Students who like presenting, DECA, extracurriculars, competition, teamwork, art, music, creativity, and research will enjoy gaining experience in marketing, sales and entrepreneurship while making business connections and developing a product or service.

First Year Students - 3 credit experience
- English 11/Professional Writing, Research and Communication
- Business Strategy* (1 credit)
- Mentorship (1 credit)

Law & Public Policy
Equivalent course offerings available at East/West
3 credit experience
Hosted at Concurrency

Students who are interested in a career in law, public service or social work will enjoy the opportunities within this strand to research, present, and understand the law and current issues.

3 credit experience
- AP Language and Composition (1 credit)
- AP Government
- Mentorship (1 credit)

Media Solutions
Equivalent course offerings available at East/West
3 credit experience
Hosted at Brookfield Central

Students Who Like Using The Design Process To Communicate Through Digital Technology Will Get Hands-On Experience In Audio, Videography, Photography, Graphic Design, Social Media, And Branding & Fabrication.

This Strand Supports Students' Choice Of Industry Certifications.

3 Credit Experience
- Digital Imaging Seminar (1 Credit)
- English 11/Professional Writing, Research and Communication
- Mentorship (1 Credit)

Medicine & Healthcare
First year students 3 credit experience
Hosted at Concurrency
Prerequisite: Health and Medical Careers 1 and/or concurrently enrolled in Health and Medical Careers 2

Students Can Explore Healthcare Careers, Understand Medical Professions And Patient Needs While Learning Medical Terms And Best Practices During Unique Project Experiences.

First Year Students - 3 Credit Experience
- Medical Terminology** (1 Credit)
- Contemporary Healthcare Practices** (1 Credit)
- Mentorship (1 Credit)

* Students can earn college credit through a 4 year college
**Students can earn college credit through a 2 year college

Spanish in Healthcare
1.5 credit experience
Hosted at Brookfield Central
Prerequisite: Spanish III

Understand How Culture Influences Healthcare Experiences And Learn Medical Terminology In Spanish

1.5 Credit Experience (1 Semester)
- Spanish In Healthcare (1 Credit)
- Mentorship (.5 Credit)

MATHEMATICS

Students are required to take three credits of math in high school for graduation; however, all students are encouraged to take a math course all four years of high school. The Mathematics Department offers a variety of pathways for students to complete a four-year series. As the District transitions into an integrated approach multiple pathways will exist as this occurs.

Graduating Class	9th Grade	10th Grade	11th Grade	12th Grade
2027	X	X	X	Standard Pathway: Pre-Calculus Data Science AP Statistics Single Acceleration: AP Calculus AB/BC AP Statistics Data Science Double Acceleration: Analytic Geometry & Calc 3 (S1)/ Differential Equations & Linear Algebra (S2) Data Science
2028	X	X	Standard Pathway: Algebra 2 Single Acceleration: Pre-Calculus Data Science AP Statistics Double Acceleration: AP Calculus AB/BC AP Statistics Data Science	Standard Pathway: Pre-Calculus Data Science AP Statistics Single Acceleration: AP Calculus AB/BC Data Science AP Statistics Double Acceleration: Analytic Geometry & Calc 3 (S1)/Differential Equations & Linear Algebra (S2) AP Statistics Data Science

Graduating Class	9th Grade	10th Grade	11th Grade	12th Grade
2029	X	Standard Pathway: Geometry Single Acceleration: Algebra 2 Double Acceleration: Pre-Calculus AP Statistics	Standard Pathway: Algebra 2 Single Acceleration: AP Statistics Data Science Accelerated PreCalculus Double Acceleration: AP Calculus AB/BC AP Statistics Data Science	Standard Pathway: Accelerated PreCalculus Data Science AP Statistics Single Acceleration: AP Calculus AB/BC AP Statistics Data Science Double Acceleration: Analytic Geometry & Calc 3 (S1)/Differential Equations & Linear Algebra (S2) AP Statistics Data Science
2030	Standard Pathway: Integrated 1 Single Acceleration: Geometry Double Acceleration: Algebra 2	Standard Pathway: Integrated 2 Single Acceleration: Algebra 2 Double Acceleration: Pre-Calculus AP Statistics Data Science	Standard Pathway: Integrated 3 Accelerated Pre-Calculus Single Acceleration: Accelerated Pre-Calculus AP Statistics Data Science Double Acceleration: AP Calculus AB/BC AP Statistics Data Science	Standard Pathway: Accelerated PreCalculus AP Statistics AP Calc AB /BC Data Science Single Acceleration: AP Calculus AB/BC AP Statistics Data Science Double Acceleration: Analytic Geometry & Calc 3 (S1)/Differential Equations & Linear Algebra (S2) AP Statistics Data Science

MATHEMATICS (CONT.)

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Mathematics						
Integrated Math 1, Geometry, Algebra 2	Foundational Coursework					
AP Calculus AB			X	X	X	X
AP Calculus BC			X	X	X	X
AP Statistics	X	X	X	X	X	X
Analytic Geometry & Calculus III				X		
Career Math	X	X	X	X	X	X
Consumer Math	X	X	X	X	X	X
Data Science	X	X	X	X	X	X
Differential Equations and Linear Algebra				X		
Functional Math 1,2,3,4	X	X	X	X	X	X
Math for Skilled Trades (Skilled Trades Capstone)		X	X	X	X	
Math Topics						
Pre-Calculus	X	X	X	X	X	X

MATHEMATICS COURSES

AP Calculus AB
1 year, 1 credit (Weighted Course)
Prerequisite: Pre-Calculus

This course includes an in-depth study of extension of differential and integral calculus. Advanced Placement Calculus AB prepares students for the AB version of the AP Calculus exam and covers content from the first semester of college calculus. All students are highly encouraged to take the AP exam at the end of the year. (A graphing calculator from the TI-84 family is required for this class)

AP Calculus BC
1 year, 1 credit (Weighted Course)
Prerequisite: Pre-Calculus or AP Calculus AB

This course is a rigorous and compacted study of Calculus AB that includes differential and integral calculus. In addition, the course includes the study of indeterminate forms, sequences and series, and non-Cartesian functions. This course prepares students for the BC version of the AP Calculus exam which is the equivalent of two semesters of college calculus. All students are highly encouraged to take the AP exam at the end of the year. (A graphing calculator from the TI-84 family is required for this class.)

MATHEMATICS COURSES (CONT.)

AP Statistics
1 year, 1 credit (Weighted Course)
Prerequisite: Algebra 2

This course is designed to prepare students to be successful on the College Board Advanced Placement Statistics exam. Students will study the major concepts and tools in the following four topics as prescribed by the College Board:

- Exploring Data: Describing patterns & departures from patterns (20-30%)
- Sampling and Experimentation: Planning & conducting a study (10-15%)
- Anticipating Patterns: Exploring random phenomena using probability and simulation (20-30%)
- Statistical Inference: Estimating population parameters and testing hypotheses (30-40%)

All students are highly encouraged to take the AP exam at the end of the year. (A graphing calculator from the TI-84 family is required for this class.)

Algebra 2
1 year, 1 credit
Prerequisite: Geometry

Algebra 2 aims to apply and extend what students have learned in previous courses by focusing on finding connections between multiple representations of functions, transformations of different function families, finding zeros of polynomials and connecting them to graphs and equations of polynomials, modeling periodic phenomena with trigonometry, and understanding the role of randomness and the normal distribution in making statistical conclusions.
(A graphing calculator from the TI-84 family is required for this class)

Career Math
1 year, 1 credit
Grades 11-12

Career Math provides students with practical mathematical skills essential for vocational success. Aligned with industry standards and competencies, the course focuses on foundational math concepts including measurement, fractions, decimals, ratios, proportions, basic geometry, and applied problem-solving relevant to multiple career pathways. Through hands-on activities, real-world scenarios, and project-based learning, students develop the ability to accurately calculate materials, interpret various scenarios, and solve real-world mathematical challenges. This course supports students in building confidence and competence in math tailored to their career pathways. Enrollment in this course is available only through teacher recommendation via a student's Individualized Educational Plan (IEP) and graded via a pass/fail structure.

Consumer Math
1 year, 1 credit
Grades 11-12

Consumer Math provides students with essential mathematical skills that empower students to navigate everyday consumer tasks with confidence and independence. Aligned to life skills and consumer education standards, the course covers practical topics such as budgeting, banking, understanding credit, shopping, measurement, unit conversions, and basic financial literacy. Through real-world applications, interactive lessons, and hands-on activities, students will learn to manage money, make informed purchasing decisions, calculate taxes and discounts, and interpret bills and paychecks. This course is designed to foster mathematical competence that supports personal independence and effective participation in daily financial activities. Enrollment in this course is available only through teacher recommendation via a student's Individualized Educational Plan (IEP) and graded via a pass/fail structure.

MATHEMATICS COURSES

Data Science 1 year, 1 credit Prerequisite: Algebra 2 or concurrent enrollment in Algebra 2	In Data Science, students become data explorers, learning how to understand information that shapes our world. Through real-world, project-based learning, students uncover patterns, make predictions, and analyze meaningful topics. Using a variety of tools, students will learn to collect, organize, and model data, create effective visualizations, understand sampling methods, bias, and uncertainty, apply statistical reasoning and probability, and examine the influence of data. Algebra skills will be reinforced and advanced as students engage in modeling and data-driven problem-solving throughout the course. Students will showcase their skills in data analysis, communication, and critical thinking through the outcomes of this course.
Functional Math (1,2,3,4) 1 year, 1 credit Grades 9-12	This course is designed to meet the individual learning needs of students working toward alternative achievement standards as outlined in their Individualized Education Programs (IEPs). Instruction will focus on individualized, skill-based instruction in mathematics with a focus on real-world application, functional numeracy, and problem-solving skills relevant to daily living, community participation, and post-secondary transitions. Students will explore key mathematical concepts such as number sense, operations, measurement, time, money, data interpretation, and basic geometry, all presented through differentiated instruction and hands-on, experiential learning. Instruction is tailored to meet students at their current level of understanding and support progress toward IEP-aligned academic and functional goals. Enrollment in this course is available only through a student's Individualized Educational Plan (IEP) and graded via a pass/fail structure.
Geometry 1 year, 1 credit Prerequisite: Algebra 1	Geometry aims to formalize and extend the geometry that students have learned in previous courses. It does this by focusing on establishing triangle congruence criteria using rigid motions and formal constructions and building a formal understanding of similarity based on dilations and proportional reasoning. It also helps students develop the concepts of formal proof, explore the properties of two- and three-dimensional objects, work within the rectangular coordinate system to verify geometric relationships and prove basic theorems about circles. Students also use the language of set theory to compute and interpret probabilities for compound events. (A graphing calculator from the TI-84 family is recommended).
Integrated Math 1 1 year, 1 credit Prerequisite: Math 8 Integrated Math 1 replaces Algebra 1	This course weaves together standards from algebra, geometry, and statistics to build deep conceptual understanding through a cohesive, integrated approach. Emphasizing mathematical reasoning and real-world application, the course encourages collaboration, discourse, and critical thinking as students explore linear and exponential functions; solve equations, inequalities, and systems; analyze data; and investigate geometric relationships through rigid transformations, congruence, and triangles. Through rich, problem-based tasks, students make meaningful connections across concepts, justify their thinking, and develop perseverance, all while laying a strong foundation for continued success in mathematics.

MATHEMATICS COURSES (CONT.)

Math Topics
1 year, 1 credit
Grades 9-12

Math Topics provides a comprehensive foundation in mathematical concepts and skills essential for success in higher-level math courses. The curriculum focuses on developing students' understanding of operations with rational numbers, factors and multiples, expressions and equations, ratios, and proportions. Emphasis is placed on problem-solving, critical thinking, and real-world applications to prepare students for the transition to Integrated Math I. Through interactive lessons, hands-on activities, and continuous assessment, students will build confidence in manipulating numbers, analyzing patterns, and using mathematical reasoning to solve multi-step problems. Enrollment in this course is available only through teacher recommendation via a student's Individualized Educational Plan (IEP) and graded via a pass/fail structure.

Pre-Calculus
1 year, 1 credit
Prerequisite: Algebra 2

This course provides preparation for those who intend to continue their study of mathematics. Content includes the study of infinite sequences and series, algebraic functions, complex numbers, polar coordinates, trigonometric functions and identities, and probability. (A graphing calculator from the TI-84 family is required for this class)

MATHEMATICS TRANSCRIPTED CREDIT COURSES

Analytic Geometry & Calculus 3
1 Semester, 1.25 credits
5 College credits with MATC
Prerequisite: Completion of AP Calculus BC and a 2 or better on the AP Calculus BC exam

This is a continuation of AP Calculus BC. Topics include vectors, geometry of space, vector valued functions, partial derivatives, multiple integrals and vector analysis. (Extensive use of the graphing calculator is required)

Differential Equations/Linear Algebra
1 Semester, 1 credit
4 College credits with MATC
Prerequisite: Completion of AP Calculus BC and a 2 or better on the AP Calculus BC exam

Topics include elementary differential equations, vendors, matrices, linear transformations, quadratic forms, Eigenvalues, and applications. (Extensive use of the graphing calculator is required)

MUSIC

The purpose of the high school music program is to provide opportunities for students to develop a deeper appreciation of music through a refined understanding of musical concepts as they relate to musical performance and listening. Students will perform, listen to and create music of varied styles that will enable them to develop their individual skills to the fullest and shape positive attitudes to last a lifetime. All music courses are offered as electives.

MUSIC (CONT.)

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Music						
Chamber Choir					X	
Chamber Orchestra					X	
Chanteurs					X	
Concert Band					X	
Concert Choir					X	
Concert Orchestra					X	
Digital Music Production					X	
Jazz Ensemble					X	
Music Theory 1		X			X	
Music Theory 2		X			X	
Music Theory 3		X			X	
Symphonic Band/Wind Ensemble					X	
Symphony Orchestra					X	
Vocal Jazz/A Cappella Ensemble					X	

MUSIC PERFORMANCE COURSES - BAND

Concert Band
East/West
1 year, 1 credit
Grade 9 (East); 9 and upper grades with instructor recommendation (West)
Prerequisite: Enrollment in middle school band or private lessons is highly recommended

Upper grade students may elect this course to study a second instrument with instructor consent.

This course demands outside hours

The first quarter of the school year is focused on marching. Marching basics for field and street will be taught, as will literature for marching band. All members of the Concert Band will participate with the Marching Band in all parade performances which include: Homecoming Pep Rally, Homecoming Parade, and Homecoming game performances. All performances are required, graded assessments.

Attendance at all performances and rehearsals is a course requirement. Students and parents should reference published rehearsal and performance schedules before electing to take the class. Students will be expected to purchase or pay for some personal and instructional items, as well as course-related expenses such as marching shoes, gloves, lyre, T-shirt and uniform maintenance. Percussionists are required to provide their own concert snare sticks and mallets.

MUSIC PERFORMANCE COURSES - BAND (CONT.)

Jazz Ensemble I East/West 1 year, .5 credit Grades 9-12 (East/West) Corequisite: Band, choir, orchestra or private lessons This course demands outside hours. Enrollment is based on instrumentation needs and audition according to these Success Criteria (student must score at least a 3)	This course meets Monday, Wednesday, and Friday, during zero hour. Jazz Ensemble I is an advanced performance class for students who are concurrently enrolled in band, choir, or orchestra and who have the necessary playing proficiency on a standard jazz big band instrument. This course is also offered to students who play guitar or piano. Students playing guitar or piano must be studying privately and able to read music. Students will experience an intensive rehearsal experience in big band jazz literature including big band charts, swing, Latin, funk, blues, and straight-ahead jazz. Historical perspectives and listening to jazz are a part of the course. Students will work on improvisation skills and ability to improvise is strongly recommended before taking this course. Students are expected to be consistent in meeting all course obligations including attending and being online for class. Attendance at all performances and rehearsals is a course requirement. Students and parents should reference published rehearsal and performance schedules before electing to take the class. Students will be expected to purchase or pay for some personal and instructional items. Percussionists are required to provide their own concert snare sticks and mallets.
Symphonic Band/Wind Ensemble East/West 1 year, 1 credit Grades 9-12 Prerequisite: Enrollment in middle school or private lessons is highly recommended This course demands outside hours	All students in the Symphonic Band and Wind Ensemble class constitute the High School Marching Band and Pep Band. Field and Parade marching are a required part of this course. Attendance at all rehearsals, summer band camp, sectionals, and marching performances is required. All required performances are graded assessments. Students in this course are divided into two ensembles based on the results from their individual playing assessments (chair auditions). These ensembles offer wind and percussion players an opportunity to study and perform more advanced musical works for the wind band. The two ensembles may, on occasion, work together on literature for a larger, combined ensemble. Attendance at all performances and rehearsals is a course requirement. Students and parents should reference published rehearsal and performance schedules before electing to take the class. Students will be expected to purchase or pay for some personal and instructional items, as well as course-related expenses such as marching shoes, gloves, lyre, T-shirt and uniform maintenance. Percussionists are required to provide their own concert snare sticks and mallets.

MUSIC PERFORMANCE COURSES - CHOIR

Chamber Choir
1 year, 1 credit
Grades 10-12

Chamber Choir is an **auditioned based**, advanced level mixed ensemble. This ensemble is ideal for students who have a minimum of one year of high school choral experience and want to explore advanced choral singing through performance. Continued study of correct vocal techniques, sight reading, and advanced music theory are covered, in addition to singing a wide variety of music. Emphasis is placed on developing musical skills and knowledge and polished musical performances achieved through a detailed understanding and appreciation of all types of music. Students perform 5 required concerts a year (Fall, Winter, Cabaret, District Choral Festival and Spring). Students will also participate in the Wisconsin School Music Association Solo and Ensemble music festival and may choose to audition for the state honor's choir. There are also multiple opportunities for solo and small ensemble work. Students will also have the opportunity to work with guest artists and clinicians to further develop their vocal training.

All students in this ensemble are encouraged to audition for Vocal Jazz/A Cappella during the month of December for the following school year. Students are encouraged to participate in the musical theater productions.

Attendance at all performances is a course requirement. Students and parents should reference published rehearsal and performance schedules before electing to take the class. This course meets the criteria of the Global Scholars program.

Chanteurs
1 year, 1 credit
Grades 10-12

Chanteurs is an **auditioned based**, intermediate treble ensemble. This ensemble is ideal for students who have a minimum of one year of high school choral experience and want to explore advanced choral singing through performance. Continued study of correct vocal techniques, sight reading, and intermediate music theory are covered, in addition to singing a wide variety of music. Emphasis is placed on developing musical skills and knowledge and polished musical performances achieved through a detailed understanding and appreciation of all types of music. Students perform 5 required concerts a year (Fall, Winter, Cabaret, District Choral Festival, and Spring). Students also participate in the Wisconsin School Music Association Solo and Ensemble music festival and may choose to audition for the state honor's choir. There are also opportunities for solo and small ensemble work. Students will also have the opportunity to work with guest artists and clinicians to further develop their vocal training.

All students in this ensemble are encouraged to audition for Chamber Choir and/or Vocal Jazz/A Cappella during the month of December for the following school year. Students are encouraged to participate in the musical theater productions.

Attendance at all performances is a course requirement. Students and parents should reference published rehearsal and performance schedules before electing to take the class. This course meets the criteria of the Global Scholars program.

MUSIC PERFORMANCE COURSES - CHOIR (CONT.)

Concert Choir
1 year, 1 credit
Grades 9-12

Concert Choir is a **non-auditioned**, open mixed ensemble. This ensemble is ideal for students who have limited or no previous experience in a high school choral setting and want to learn about basic choral singing through performance. Introduction to correct vocal techniques, sight reading, and basic music theory are covered, in addition to singing a wide variety of music. Emphasis is placed on developing musical skills and knowledge and polished musical performances achieved through a detailed understanding and appreciation of all types of music. Students perform 5 required concerts a year (Fall, Winter, Cabaret, District Choral Festival and Spring). Students will also participate in the Wisconsin School Music Association Solo and Ensemble music festival.
There are also opportunities for solo and small ensemble work. Students will also have the opportunity to work with guest artists and clinicians to further develop their vocal training.

All students in this ensemble are encouraged to audition for Chamber Choir, Chanteurs and/or Vocal Jazz/A Cappella during the month of December for the following school year. Students are encouraged to participate in the musical theater productions.

Attendance at all performances is a course requirement. Students and parents should reference published rehearsal and performance schedules before electing to take the class. This course meets the criteria of the Global Scholars program.

Vocal Jazz/A Cappella Ensemble
1 year, .5 credit
Grades 10-12
Rehearses Wednesday and Friday (West) or Tuesday, Thursday Friday after school (East)

Vocal Jazz/A Cappella Ensemble is an **auditioned based**, advanced ensemble specializing in unaccompanied vocal music. This ensemble is ideal for students who have a minimum of one-year high school choral experience, are currently enrolled in one of the other curricular music ensembles and want to explore advanced choral singing specific to the genres of vocal jazz and contemporary a cappella. Students will sing in 4-part harmony with focus on advanced vocal techniques specific to the genres being explored. Students will continue to study advanced level music theory, sight reading skills (rhythmic and tonal) and stage presence and performance skills.

In addition to required home performances and WMEA Music Festivals and WSMA Solo and Ensemble Festival, students have the opportunity to partake in various clinic/festival choral formats with other school choral departments and perform for community functions as available.

Auditions for Vocal Jazz Ensemble are held during the month of December for the following school year. Students are encouraged to participate in the musical theater productions.

Attendance at all performances is a course requirement. Students and parents should reference published rehearsal and performance schedules before electing to take the class. This course meets the criteria of the Global Scholars program.

MUSIC PERFORMANCE COURSES - ORCHESTRA

Chamber Orchestra East 1 year, 1 credit Grades 10-12	Chamber Orchestra is designed for 10th - 12th grade string players. Placement in Chamber Orchestra is based on **student audition**. Many students in this orchestra have an extensive background in their instrument and study privately. Chamber orchestra regularly performs college-level string repertoire. This advanced course allows students to excel in their abilities in skill/technique, musicality, music theory, music history, and music technology. Chamber Orchestra students also have an opportunity to play full orchestra repertoire with the woodwinds, brass, and percussion.
Chamber Orchestra West 1 year, 1 credit Grades 11-12	Chamber Orchestra (West) – 1 year, 1 credit; Grades 11-12 Chamber Orchestra is designed for 11th - 12th grade string players. Placement in Chamber Orchestra is based on **student audition**. Many students in this orchestra have an extensive background in their instrument and study privately. Chamber orchestra regularly performs college-level string repertoire. This advanced course allows students to excel in their abilities in skill/technique, musicality, music theory, and music history. Chamber Orchestra students also have an opportunity to play full orchestra repertoire with the woodwinds, brass, and percussion. There are required performances throughout the year.
Concert Orchestra East 1 year, 1 credit Grade 9	Concert Orchestra is designed for all 9th grade string players. Students who play and have previous experience on the violin, viola, cello, and double bass are welcome to join this class. This foundational course prepares students in skill/technique, musicality, music theory, music history, and music technology.
Concert Orchestra West 1 year, 1 credit Grades 9-10	Concert Orchestra is designed for all 9th and 10th grade string players. Students who play and have previous experience on the violin, viola, cello, and double bass are welcome to join this class. This foundational course prepares students in skill/technique, musicality, music theory, and music history. There are required performances throughout the year.
Global Scholar **Symphony Orchestra** East 1 year, 1 credit Grades 10-12	Symphonic Orchestra is designed for 10th - 12th grade string players. Students who play and have previous experience on the violin, viola, cello, and double bass are welcome to join this class. This advancing course refines students' abilities in skill/technique, musicality, music theory, music history, and music technology. Symphony Orchestra students also have an opportunity to play full orchestra repertoire with the winds, brass, and percussion.
Global Scholar **Symphony Orchestra** West 1 year, 1 credit Grades 11-12	Symphonic Orchestra is designed for 11th - 12th grade string players. Students who play and have previous experience on the violin, viola, cello, and double bass are welcome to join this class. This advancing course refines students' abilities in skill/technique, musicality, music theory, and music history. Symphony Orchestra students also have an opportunity to play full orchestra repertoire with the winds, brass, and percussion. There are required performances throughout the year.

MUSIC NON-PERFORMANCE COURSES

Digital Music Production East/West 1 semester, .5 credit Grades 9-12	This course is designed to provide students the opportunity to create, produce, mix and edit music using the latest digital recording and sequencing technologies. Topics include: sampled sounds, loops, MIDI (Musical Instrument Digital Interface) as well as learning the basics of studio recording, mixing and editing, and playing chords and melodies on keyboards and stringed instruments. As a result of this course, students will develop creative and critical thinking skills through music, which will be showcased through digital music compositions. *No prior experience is necessary.*
Music Theory 1 (Beginning) East/West 1 semester, .5 credit Grades 11-12 only Corequisite: large ensemble (vocal or instrumental) or private lessons	Students should be concurrently enrolled in a large ensemble (vocal or instrumental) or must be studying with a private teacher. The course is structured as a three-semester sequence: a beginning level, an intermediate level, and an advanced level. The course is intended to introduce students to the structural elements of music. Students who will study music in college or wish to prepare for the Advanced Placement Theory Exam are encouraged to take all three semesters of Music Theory.
Music Theory 2 (Intermediate) East/West 1 semester, .5 credit Grades 11-12 Prerequisite: Music Theory 1; Corequisite: large ensemble (vocal or instrumental) or private lessons	Students should be concurrently enrolled in a large ensemble (vocal or instrumental) or must be studying with a private teacher. The course is structured as a three-semester sequence: a beginning level, an intermediate level, and an advanced level. The course is intended to introduce students to the structural elements of music. Students who will study music in college or wish to prepare for the Advanced Placement Theory Exam are encouraged to take all three semesters of Music Theory.
Music Theory 3 (Advanced) East/West 1 semester, .5 credit Grade 12 Prerequisite: Music Theory 2; Corequisite: large ensemble (vocal or instrumental) or private lessons	Students should be concurrently enrolled in a large ensemble (vocal or instrumental) or must be studying with a private teacher. The course is structured as a three-semester sequence: a beginning level, an intermediate level, and an advanced level. The course is intended to introduce students to the structural elements of music. Students who will study music in college or wish to prepare for the Advanced Placement Theory Exam are encouraged to take all three semesters of Music Theory.

PHYSICAL EDUCATION

The Wauwatosa School District physical education program (K-12) is an integral part of the total educational process. Through participation in this program each student will:

- Understand the need for a healthy lifestyle through a whole-body approach (physical, emotional, and social aspects) by emphasizing lifelong health and skill related activities
- Develop positive character through the promotion of cooperation, teamwork, sportsmanship, and citizenship
- Appreciate the abilities of all learners

State law requires a student to earn 1.5 credits (three semesters) of Physical Education for graduation, which must be earned one semester a year, over three years. If more than one semester of physical education is taken during a school year that .5 credit goes towards a student's graduation elective credits, not the 1.5 required physical education credits per state law.
All students are required to take PE Foundations as a prerequisite to other physical education courses.

Courses may *not* be repeated for physical education credit.

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Physical Education						
Adventure Pursuits		X				
Extreme PE		X				
General PE		X				
Health		X				
Online Physical Education		X				
PE Foundations		X				
Personal Fitness		X				
Specially Designed Physical Education		X				
Strength + Conditioning		X				
Unified Physical Education		X				
WI PE Option		X				

PHYSICAL EDUCATION COURSES

Adventure Pursuits 1 semester, .5 credit Prerequisite: PE Foundations	This course is designed to engage students who are looking for adventure and leadership development. Students will be expected to develop relationships with other students and gain leadership experience throughout the course. Experiences include, but are not limited to, archery, team building, rock climbing, outdoor challenge, frisbee golf, kayaking, and orienteering. Activities are designed to teach students lifetime physical and recreational skills, including an understanding of the environment in which these activities occur.
Extreme PE 1 semester, .5 credit Prerequisite: PE Foundations	Students will experience a variety of team and individual sport activities aimed at increasing cardiovascular endurance through high level participation in organized games. Students will utilize advanced skills, knowledge and strategies to make the activities as competitive and fast paced as possible. Students who complete this course should be able to compete in recreational or competitive local leagues to enhance their lifelong fitness. This course will include an aquatic unit and an opportunity to explore officiating in different sport activities.
General PE 1 semester, .5 credit Prerequisite: PE Foundations	The focus of this course will be on participating in team/individual sports and fitness activities. Students will use prior knowledge from PE Foundations to expand on basic skills, rules and strategies for each activity. Activities include, but are not limited to, volleyball, basketball, water games, ultimate frisbee, pickleball, badminton, and personal fitness. Students who complete this class should be able to confidently participate in recreational activities that will enhance their lifelong fitness.
 **Online Physical Education** 1 semester, .5 credit Grades 11-12 Prerequisite: PE Foundations	This course is designed for the self-motivated student who desires flexibility within their daily schedule. An extensive amount of reading and writing is required for this course. For the physical portion of the course, students will be required to complete 200 minutes of physical activity each week through a minimum of 4 workout sessions. Students will complete journal entries each week describing their activity. Students will also be expected to participate in discussion forums and post journal entries about various health and fitness topics. The course uses the text Fitness for Life for some but not all assignments. Students are expected to actively participate in this course by logging into the class a minimum of five days a week.
PE Foundations 1 semester, .5 credit Required	This course is designed to introduce students to a wide variety of activities including lifetime fitness activities, basic swim skills, team sports and individual sports. Classroom days will be used to explore topics such as the fundamentals of fitness, nutrition, stress management, and leadership. This course will prepare the student to make educated decisions about their future physical education course selections. Pending interest, this course may be taken during zero hour. Interested students should register for Zero Hour PE Foundations.

PHYSICAL EDUCATION COURSES (CONT.)

Personal Fitness 1 semester, .5 credit Prerequisite: PE Foundations	This course is for students who are focused on improving their overall health and wellness. Students will develop personal fitness goals and work toward reaching those goals as well as develop an understanding of how to manage their fitness within their busy lifestyles. Students will experience a variety of physical activities including, but not limited to, use of the fitness center equipment, yoga, and water exercise, all of which aim to improve their personal fitness level.
Specially Designed Physical Education	Specially Designed Physical Education (S.D.P.E.) is available when required for students who have a disability (physical, mental, emotional, or learning) that requires a specially designed individual physical education program. Enrollment in this course is available only through a student's Individualized Educational Plan (I.E.P.).
Strength and Conditioning 1 semester, .5 credit Prerequisite: PE Foundations	This course is designed for all students who want to improve their performance on or off the athletic field by increasing their strength, endurance, agility and speed. Proper lifting techniques will be emphasized along with implementation of a synchronized strength training program. Speed and agility activities will be used to improve the student's core strength, balance and flexibility. This course may include an aquatics activity. Students will push personal boundaries and improve overall strength. Pending interest, this course may be taken during zero hour. Interested students should register for Zero Hour Strength and Conditioning.
Unified Physical Education 1 semester, .5 credit	This course combines students with all abilities to participate in a developmentally enriching curriculum that includes lifelong fitness activities, physical fitness, cooperative sports as well as social and emotional growth. Students will work together to increase their proficiency and confidence in a variety of physical activities. Ongoing leadership opportunities will provide members of the class tools to create a more inclusive and accepting classroom environment for all students. Space is limited. Students interested in enrolling will require teacher recommendations or have specially designed physical education as part of their Individual Education Plan.
WI Physical Education Option 1 semester	In alignment with Wisconsin state statutes, the Wauwatosa School District allows high school students to pursue the Wisconsin Physical Education Option. This option enables students who participate in an organized, sanctioned physical activity to fulfill .5 credits of physical education by completing an additional .5 credit in English, social studies, mathematics, science, or health education. To qualify, students must provide evidence of participation in a sanctioned sport or other approved physical activity that involves a minimum of 40 minutes of physical activity daily or 200 minutes per week over the course of a semester. This is a one time opportunity for students. Students interested in utilizing this option should talk with their school counselor to review the specific criteria and requirements for approval.

PROJECT LEAD THE WAY®

Project Lead The Way® is a high school program that introduces students to the scope, rigor, and discipline of engineering before the students enter college. This is a three-year sequence of courses that is intended to be taken concurrently with traditional math and science courses. All students will benefit from the knowledge and logical thought processes that result from taking some or all of the courses provided in the curriculum whether or not they plan to pursue a career in engineering or science. All the classes integrate a project-based learning approach where students apply their learning through the completion of major projects.

Students involved in Project Lead the Way® can take Introduction to Engineering Design in addition to any number of specialization courses. The PLTW engineering curriculum prepares students for two- or four- year college studies in engineering and engineering technology by exposing them to AP-level curriculum

Project Lead the Way Pathway® (PLTW)
• Intro to Engineering (IED) • Principles of Engineering (POE) • Aerospace Engineering (AE)

PROJECT LEAD THE WAY® COURSES

Aerospace Engineering ™ (AE) Hosted at East: 26-27 Hosted at West 27-28 1 year, 1 credit Grades 11-12 Prerequisite: Completion of IED or concurrent enrollment is recommended	In this course students study the various aspects of flight, including its evolution and physics, as well as flight planning and navigation. Students will also focus on aerospace design. Students will complete a variety of major design projects in AE. This course propels students' learning in the fundamentals of atmospheric and space flight. As they explore the physics of flight, students bring the concepts to life by designing an airfoil, propulsion system, and rockets. They learn basic orbital mechanics using industry-standard software. They also explore robot systems through projects such as remotely operated vehicles. If a student does not go on to studying Aerospace Engineering, this class reinforces the concepts of physics, fluid mechanics, and robotics which any engineer should learn. The principles learned in this class are applied across all fields of engineering.
Introduction to Engineering Design ™ (IED) 1 year, 1 credit Grades 9-12	This course is appropriate for 9th-12th grade students who are interested in design and engineering. Students will dig deep into the engineering design process, and apply math, science, and engineering standards to hands-on projects. They will work both individually and in teams to design solutions to a variety of problems using both hands on and digital 3-D modeling software. Projects will include creating a catapult for a carnival game, several involving designing and printing 3D models, and an introduction to mechanical motion through automata creation and motorization.

PROJECT LEAD THE WAY® COURSES (CONT.)

Principles of Engineering ™ (POE)
Hosted at West 26-27
Hosted at East 27-28
1 year, 1 credit
Grades 10-12
Prerequisite: Completion of IED as well as Geometry is recommended

POE is intended as a survey course detailing different engineering fields. Students will use the design process and use both hands-on and digital means to create projects. Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation. Beyond what was achieved in IED, students will learn the science behind the engineering and practice using industry based equations and formulas. Projects include simple machines, circuitry and alternative energy, coding and robotics, and bridge and hydraulic construction.

SCIENCE

The Wauwatosa School District shares the state of Wisconsin's vision for science education which states, "[By] the end of 12th grade, all students have some appreciation of the beauty and wonder of science; possess sufficient knowledge of science and engineering to engage in public discussions on related issues; are careful consumers of scientific and technological information related to their everyday lives; are able to continue to learn about science outside school; and have the skills to enter careers of their choice, including (but not limited to) careers in science, Wisconsin Standards for Science 9 engineering, and technology". The state of Wisconsin, per State Statute 118.33 (1)(a)(d) requires that its graduates obtain a minimum of 3 credits in high school science for graduation. As such, the Wauwatosa School District holds this as one of the requirements of graduation along with a minimum of one year of biological science and one year of physical science per District policy 5460.

Grade 9	Required: Biology
Grade 10	One of the two listed are required: Chemistry Intro to College Chemistry (see prerequisites)
Grade 11	Physics Intro. to College Chemistry Astronomy* Anatomy and Physiology* Environmental Science* AP Environmental Science AP Biology AP Chemistry AP Physics 1 AP Physics 2 AP Physics C, Mechanics AP Physics C: Electricity and Magnetism
Grade 12	Any course previously listed

*One semester course

SCIENCE (CONT.)

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Science						
Biology, Chemistry	Foundational Coursework					
AP Biology		X	X	X		
AP Chemistry		X	X			
AP Environmental Science	X	X	X	X	X	X
AP Physics I		X	X	X	X	
AP Physics II		X	X	X	X	
AP Physics C Elec. & Mag	X		X	X		
AP Physics C Mechanics	X		X	X		
Anatomy & Physiology		X	X			
Astronomy		X	X			
Environmental Science	X	X	X	X	X	X
Intro to Chemistry* (10th Grade Foundational Option)		X	X		X	
Life Science	X	X	X	X	X	X
Physics		X	X	X	X	

SCIENCE COURSES

CollegeBoard inspiring minds™

AP Biology
1 year, 1 credit
Grades 11-12 (Weighted Course)
Prerequisite: Passing grades in Biology and Chemistry

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore topics like evolution, energetics, information storage and transfer, and systems interactions. All students are highly encouraged to take the AP exam at the end of the year.

SCIENCE COURSES (CONT.)

AP Chemistry
1 year, 1 credit
Grades 11-12 (Weighted Course)
Prerequisite: Chemistry and completion of Algebra 2

AP Chemistry is the equivalent of a one-year, introductory college general chemistry course. In AP Chemistry students learn about the fundamental concepts of chemistry including structure and states of matter, intermolecular forces, and reactions. Students engage in hands-on laboratory investigations and use chemical calculations to solve problems. All students are highly encouraged to take the AP exam at the end of the year.

AP Environmental Science
1 year, 1 credit
Grades 10-12 (Weighted Course)
Prerequisites for Sophomores: Completion of Biology and Algebra with a grade of A or B
Sophomores who meet these prerequisites may concurrently enroll in this course alongside Chemistry or Intro to College Chemistry

Prerequisite for Juniors and Seniors: Chemistry and Biology and passing grade in Algebra

AP Environmental Science is equivalent to a one-semester, introductory college course in environmental science. In AP Environmental Science, students will explore and investigate the interrelationships of the natural world and analyze environmental problems, both natural and human-made. Students will take part in laboratory investigations and field work. All students are highly encouraged to take the AP exam at the end of the year.

AP Physics 1
1 year, 1 credit
Grades 10-12 (Weighted Course)
Prerequisite: Passing grade in Geometry and concurrent enrollment in Algebra 2 or higher

Sophomore Prerequisite: The above math requirements and concurrent enrollment in Chemistry or Intro to College Chemistry

AP Physics 1 is a year-long algebra-based course that covers one semester of college-level physics which will explore the following topics: Newtonian mechanics; work, energy, and power; mechanical waves and sound; and introductory simple circuits. Students will develop scientific critical thinking and reasoning skills through inquiry-based learning. Students are eligible to take the AP Physics 1 test that could earn the students one semester of college credit. Students should be concurrently taking Algebra 2 or beyond. All students are highly encouraged to take the AP exam at the end of the year.

AP Physics 2
1 year, 1 credit
Grades 11-12 (Weighted Course)
Prerequisite: AP Physics 1 or C: Mechanics and completion of Algebra 2 or concurrent enrollment

AP Physics 2 is a year-long algebra-based course that covers one semester of college-level physics which will explore the following topics: fluids; thermodynamics; electrostatics; electrical circuits with capacitors; magnetic fields; electromagnetism; physical and geometric optics; and quantum, atomic, and nuclear physics. Students will develop scientific critical thinking and reasoning skills through inquiry-based learning. Students are eligible to take the AP Physics 2 test that could earn the students one semester of college credit. Students should be concurrently taking Algebra 2 or beyond. All students are highly encouraged to take the AP exam at the end of the year.

SCIENCE COURSES (CONT.)

AP Physics C: Electricity and Magnetism
1 year, 1 credit
Grades 11-12 (Weighted Course)
Prerequisite: Concurrent enrollment in Calculus or successful completion of Calculus; highly recommended that students have taken AP Physics 1 or AP Physics C: Mechanics first

AP Physics C: Electricity and Magnetism is a stimulating calculus-based physics course. It is equivalent to a one semester introductory college physics class. Students should be highly motivated, independent learners with skills in trigonometry and calculus. The topics presented include electrostatics, electric circuits, magnetic fields, and electromagnetism. All students are highly encouraged to take the AP exam at the end of the year.

AP Physics C: Mechanics
1 year, 1 credit
Grades 11-12 (Weighted Course)
Prerequisite: Concurrent enrollment in Calculus or successful completion of Calculus

AP Physics C: Mechanics is a stimulating calculus based physics course. It is equivalent to a one semester introductory college physics class. Students should be highly motivated, independent learners with skills in trigonometry and calculus. The topics presented include kinematics, dynamics, work and energy, momentum, and rotational motion. All students are highly encouraged to take the AP exam at the end of the year.

Anatomy and Physiology
1 semester, .5 credit
Grades 11-12

This semester course provides a basic understanding of the organization of the human body and how the body works. Anatomical terminology, basic biochemistry, cells and body tissues are covered. Organs of the body will be studied to understand their structure, location in the body, their function and how they interact with other parts of the body. Students develop an understanding of what the body is doing and how they can help the body cope with many different situations (exercise, relaxation, disease, injury, etc.). Dissection is a part of the curriculum.

Astronomy
1 semester, .5 credit
Grades 11-12

Astronomy provides an overview of the following areas: systems in space, the earth's daily and annual motions, the earth/moon system, a survey of the solar system, the sun, stars and starlight, evolution of stars and the origin and structure of the universe. Emphasis is given to observational activities. Laboratory activities are also integral to the course that is aimed at a wide range of student abilities.

Biology
1 year, 1 credit
Grade 9

In Biology, students are empowered to question, design, investigate, and make sense of the world around them. In alignment with the Next Generation Science Standards (NGSS), students engage with real-world phenomena through storyline units that afford opportunities for students to use evidence to build and revise ideas through collaboration. The topics covered include Ecosystems Interactions and Dynamics, Ecosystems Matter and Energy, Inheritance and Variation of Traits, Natural Selection and Evolution of Populations, and Common Ancestry and Speciation. Additionally, NGSS Disciplinary Core Ideas (DCIs) from Earth and Space Science (ESS) and Engineering (ETS) are integrated throughout the course.

SCIENCE COURSES (CONT.)

Chemistry
1 year, 1 credit
Grade 10
Prerequisite: Biology

In Chemistry, students are empowered to question, design, investigate, and make sense of the world around them. In alignment with the Next Generation Science Standards (NGSS), students engage with real-world phenomena through storyline units that afford opportunities for students to use evidence to build and revise ideas through collaboration. The topics covered include Thermodynamics in Earth Systems, Structure and Properties of Matter, Molecular Processes in Earth Systems, Chemical Reactions in Our World, and Energy from Chemical and Nuclear Reactions. Additionally, NGSS Disciplinary Core Ideas (DCIs) from Earth and Space Science (ESS) and Engineering (ETS) are integrated throughout the course.



Environmental Science
1 semester, .5 credit
Grades 11-12

This course will focus on local and regional ecosystems where students will develop a deeper appreciation and respect for the environment through both outdoor and classroom inquiry-based learning experiences. Upon successful completion of this course, students should be able to use the scientific skills and major environmental science concepts to understand interrelationships of the natural world and to analyze environmental issues and their solutions.

Introduction to College Chemistry
1 year, 1 credit
Grades 9-12
Prerequisites for Freshmen: Completion of Algebra 1 and Geometry with a grade of A and concurrent enrollment in or successful completion of Algebra 2 is required. Freshmen who meet these math prerequisites may concurrently enroll in this course alongside Biology during their freshman year

Prerequisites for Sophomores: Completion of Algebra 1 and Geometry with a grade of A or B and concurrent enrollment in or successful completion of Algebra 2 is required

Prerequisites for Juniors or Seniors, successful completion of Biology and Chemistry is required

This course is a math based chemistry course designed to provide basic college chemistry concepts in order to prepare students for more advanced college-level science courses.Some of the topics include quantitative skills, atomic and molecular structure, nuclear chemistry, chemical bonding, solutions, stoichiometry, and gas laws. Laboratory experiences are included. The American Chemical Society (ACS) High School Chemistry Exam, along with the Wisconsin Technical College System General Chemistry Course Outcome Summary, informed the development of this course. The ACS High School Chemistry Exam serves as the culminating experience and final assessment for the Introduction to College Chemistry course. Students may choose to include their ACS Scores on future college applications.

SCIENCE COURSES (CONT.)

Life Science 1 year, 1 credit Grades 9-12	This course is designed to meet the individual learning needs of students working toward alternative achievement standards as outlined in their Individualized Education Programs (IEPs). Students will explore topics such as the characteristics of living things, human body systems, plants and animals, ecosystems, life cycles, and basic genetics. Instruction is differentiated to meet diverse learning needs with a strong focus on hands-on learning, visual supports, and experiential activities. Through guided experiments, multimedia resources, and real-life scenarios, students develop critical thinking, observation, and communication skills. The course also integrates personal health, hygiene, nutrition, and environmental awareness to reinforce science concepts that support independence and daily living. Enrollment in this course is available only through teacher recommendation via a student's Individualized Educational Plan (IEP) and graded via a pass/fail structure.
Physics 1 year, 1 credit Grade 10-12 Prerequisite: Biology and Algebra 2 or concurrent enrollment in Algebra 2 Sophomore Prerequisite: The above math and science prerequisite and concurrent enrollment in Chemistry or Intro to College Chemistry	This course introduces students to the fundamental principles of motion and forces, with units on constant velocity, balanced and unbalanced forces, uniform acceleration, two-dimensional motion, energy, circular motion, and momentum. Using a modeling approach, students engage in cycles of developing, testing, and applying models to explain physical phenomena. This approach emphasizes conceptual understanding while fostering scientific literacy through critical thinking, problem solving, collaboration, and communication.

SOCIAL STUDIES

The purpose of social studies education is to provide each student with the opportunity to learn the knowledge, processes, skills and values required to hold the position of *responsible citizen* in a democratic society. A responsible citizen is an involved citizen that puts civic knowledge and understanding into practice by not only voting, but also by performing community service, acting responsibly toward the environment, making wise decisions about saving and spending money, and staying informed on important social, political, legal and economic issues. Courses in social studies are Wisconsin State standards-based. History, geography, economics, political theory and practice, and cultural relations are integrated to provide a greater understanding of current events and prepare for the future. Research and communication skills are stressed as students work both individually and collaboratively to solve real-world problems. Reflecting department goals, an in-depth issue investigation project is required of students completing the K-11 social studies scope and sequence.

Three social studies credits are required for all students in grades nine through eleven. Electives are open to students beginning in grade 10. Electives are strongly recommended for students in becoming effective, concerned, "thinking citizens".

PATHWAYS

Programs of Study	**Connecting & Supporting Success**	**Caring for Communities**	**Cultivating Resources**	**Building & Moving**	**Creating & Experiencing**	**Investing in a Future**
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Social Studies						
US History II, AP Human Geography, APP	Foundational Coursework					
AP African American Studies	X	X	X	X	X	X
AP Government* (Optional 11th Grade Foundational Course)	X	X	X	X	X	X
AP Psychology	X	X			X	X
AP US History	X	X	X	X	X	X
APPSE (Optional 11th Grade Foundational Course)	X	X				
Contemporary World Problems	X	X	X	X	X	X
Economics	X	X	X	X	X	X
Law & Society	X	X	X	X	X	X
Psychology	X	X			X	X
Social Problems	X	X	X	X	X	X

SOCIAL STUDIES COURSES

AP African American Studies
1 year, 1 credit
Grades 11-12 (Weighted Course)

AP African American Studies provides a comprehensive exploration of the historical, cultural, and social experiences of African Americans from the pre-colonial era to the present. This course emphasizes critical thinking and analytical skills as students engage with a variety of texts, including primary sources, literature, and scholarly articles. By the end of the course, students will possess a nuanced understanding of African American history and culture, improved critical thinking and analytical skills, as well a greater awareness of the ongoing impact of historical events on contemporary societal issues.

AP American Government
1 year, 1 credit
Grades 11-12 (Weighted Course)

Fulfills Grade 11 American Public Policy requirement

AP Government is an intensive study of the American national government. The goals of this course are to increase understanding of the American political system, including its framework, traditions and values, and to help each student pass the AP examination. The course is concerned with the nature of the American political system, its development over the past 200 plus years, and how it continues to function into its third century. The principal processes and institutions through which the political system functions, as well as some of the public policies which these institutions implement, are studied in detail. All students are highly encouraged to take the AP exam at the end of the year.

AP Human Geography
1 year, 1 credit
Grade 10 Required (Weighted Course)

The purpose of AP Human Geography is to introduce students to the study of patterns and processes that have shaped our understanding, use, and alteration of the Earth's surface. Students will study the ways human beings have impacted the surface of the Earth over the ages, to use maps and models—things like geographic information systems, aerial photographs, and satellite images, and will use ideas about space and size and landscapes to explore the ways people live. Students will learn about how people live together in groups, and how, as groups of people, we have impacted the environment. Students explore their own land and culture, and the faraway lands and cultures of other peoples. Students will understand how landscapes are affected by culture, politics and money. They will see these effects at very large levels, like the whole world and nations, and also at smaller levels, like a state or a city—even a neighborhood. Students will discover why we've divided up the world the way we have—into countries, states, provinces, cities, etc. Students will understand how when something happens in one place in the world, that can influence things happening in other places. They will understand how these patterns are constantly changing, and why they change. All students are highly encouraged to take the AP exam at the end of the year.

SOCIAL STUDIES COURSES (CONT.)

AP Psychology
1 year, 1 credit
Grades 10-12 (Weighted Course)

This college-level general psychology course is recommended for highly motivated students with a serious interest in the field of psychology. The purpose of this course is to introduce students to the scientific study of behavior and mental processes. Students are exposed to the psychological facts, principles, and phenomena associated with the major subfields within psychology. There are eighteen distinct units for intense study. The following concepts are included within the course for intense study: Psychological Research Methods, Biological Bases of Behavior, Sensation, Perception, States of Consciousness, Learning, Memory, Thinking and Language, Motivation, Emotion, Developmental Psychology, Personality, Intelligence, Abnormal Psychology, Positive Psychology, Therapy, Stress and Health, and Social Psychology. Higher order thinking skills will be commonly employed as students apply psychological principles to their own lives.Students are required to read scientific research articles and analyze the methods psychologists employ in their science and practice.Students will learn about the methods psychologists employ in their science and practice. All students are highly encouraged to take the AP exam at the end of the year.

Please note: due to the mature content, fast pace, and rigorous reading and writing expectations inherent in a college-level course, sophomores considering enrollment should be prepared to engage with challenging material and demonstrate a high level of academic maturity and independence.

AP United States History
1 year, 1 credit
Grades 11-12 (Weighted Course)

The AP United States History course will provide an advanced, in-depth level of historical study for juniors and seniors beyond the freshman survey course. Content will include the breadth of U.S. History from European discovery and settlement through contemporary trends and events. In addition to the historical content that students will acquire, the AP U.S. History course will require students to analyze and interpret primary sources, including documents, maps, statistics, and pictorial and graphic evidence of historical events. The demands of this course are equivalent to those made by full year introductory college U.S. History courses. All students are highly encouraged to take the AP exam at the end of the year.

American Public Policy
1 year, 1 credit
Grade 11 Required

American Public Policy is a junior year course designed to prepare students to exercise their political rights and responsibilities upon reaching the age of majority. Students will study the philosophy, structure and operations of national, state and local governments. Students analyze individual and group behavior and learn how this affects the decision-making process. An in-depth issue investigation project is required of students. A conscious effort is made to teach the knowledge, skills and values of a responsible American citizen.

SOCIAL STUDIES COURSES (CONT.)

American Public Policy-Special Emphasis (State Level Competition)
1 year, 1 credit
Grades 11-12

Fulfills Grade 11 American Public Policy requirement

This special section of American Public Policy fulfills the graduation requirement and follows the same curriculum, with a special focus on Constitutional studies. Students who register for this course agree to participate in the We the People competition on the district and state levels, which involves an oral presentation on the American political system and its development, and to compete in a similar competition in Washington, D.C., if our team wins the state competition. This section demands additional effort, but requires no special aptitude – only a sincere interest. Class size is limited and will involve a screening process if interest exceeds capacity. Summer work is required.

Contemporary World Problems
1 semester, .5 credit
Grades 10-12

A study of American foreign policy goals/ideas and initiatives is used to introduce the Contemporary World Problems course. Through this introduction, students gain an understanding of how and why the United States interacts as it does within the global community. Specific world problems of current significance and of interest to the students are then examined in depth as they relate to the peoples of the world within the context of an increasingly global community. Problems that may be addressed will include specific issues within broader concepts of Economic Inequality in the World, Human Rights, Conflict and Turmoil in the World, Changing Climate, Health and Disease around the World, and the World Through the Eyes of the International Media. Skills stressed include critical thinking, source evaluation, and informed debate within the context of a global perspective. Students are required to develop an informed, well-supported point of view as they investigate issues.

Economics
1 semester, .5 credit
Grades 10-12

Fulfills the school district's financial literacy requirement

Economics is designed to help students understand how the government, producers and consumers interact in our free-market economy as well as the global community. Students are exposed to basic concepts, microeconomic and macroeconomic issues, and foreign trade. Topics explored include scarcity; opportunity cost; supply, demand and market price; budgeting, saving, and the risks and rewards of different investments; the role of government; and monetary and fiscal policy. Economics also allocates 1/3 of the course helping students become fluent in personal financial literacy.

Law in Society
1 semester, .5 credit
Grades 10-12

In Law in Society, students focus their study on the Judicial Branch of government. The American legal system is examined with a major emphasis on civil and criminal law and legal history. Current topics in law enforcement, juvenile justice, sentencing and corrections are explored. The course uses an interactive style where students examine current cases and legal issues through activities that include a civil and criminal mock trial, moot court simulations and computer legal simulations. Law in Society concentrates on how the law affects a person's day-to-day life.

Psychology
1 semester, .5 credit
Grades 10-12

Utilizing the perspective of the scientific method, psychology students examine the complexities of human behavior. Students are exposed to a variety of theories on numerous topics including: consciousness, learning, development, and psychological disorders. Throughout the course we will look at the nature-nurture debate and study both the biological and environmental basis of behavior.

SOCIAL STUDIES COURSES (CONT.)

Social Problems 1 semester, .5 credit Grades 10-12	A study of human relationships is used to introduce the Social Problems course. Through this introduction, students gain an understanding of how and why people act and interact as they do. Specific social problems of interest to the students are then examined in depth, particularly as they relate to our nation and, as much as possible, to our community as well. Problems frequently addressed deal with crime, delinquency, the media's influence, gun control, AIDS and prejudice, and discrimination. Skills stressed include an examination of sources for biases and persuasive writing, debate and other critical thinking. Students are required to develop an informed, well-supported point of view as they investigate issues.
U.S. History II 1 year, 1 credit Grade 9 Required	This course is a continuation of U.S. History from middle school, which includes chronological, thematic, and skill-based approaches to the teaching of U.S. history. This interdisciplinary course features both domestic and foreign policy themes, focused on contemporary 20th century topics. Political, social, economic, and international content will be examined

TECHNICAL EDUCATION AND ENGINEERING

Students who have the following interests should consider taking courses offered by the Technical and Engineering Education department:

- Pursuing a high-paying career in a technical field, either in the building trades or in modern advanced manufacturing
- Pursuing a high paying career in industrial design or engineering
- Completing hands-on project-based experiences
- Taking an idea from the very beginning to the end as a completed final product

For students interested in pursuing a career in Construction, Cabinetmaking, Manufacturing or Engineering, it is recommended they take all of the courses listed in the chart below for the career pathway of choice.

PATHWAYS

Programs of Study	**Connecting & Supporting Success**	**Caring for Communities**	**Cultivating Resources**	**Building & Moving**	**Creating & Experiencing**	**Investing in a Future**
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Technical Education + Engineering						
Aerospace Engineering (PLTW)	X			X		
Civil Engineering + Architecture	X			X		
Construction 1				X		
Entrepreneurship (Youth Apprenticeship)				X		
Fab Lab 1				X		
Fab Lab 2				X		
Introduction to Engineering Design (PLTW)	X			X		
Intro to Power Technology				X		
Metals 1				X		
Metals 2				X		
Principles of Engineering (PLTW)	X			X		
Skilled Trades Capstone				X		
Woods 1				X		
Woods 2				X		

TECHNICAL EDUCATION AND ENGINEERING (CONT.)

<table>
<tr><th colspan="3">Technical Education Pathways</th></tr>
<tr><th>Construction</th><th>Manufacturing</th><th>Engineering</th></tr>
<tr><td rowspan="3">• Woods 1
• Woods 2
• Construction 1
• Skilled Trades Capstone*
• Civil Engineering & Architecture (CEA)
• Entrepreneurship*** (Youth Apprenticeship)</td><td>• Woods 1
• Woods 2
• Intro to Power Technology**
• Metals 1**
• Metals 2**
• Entrepreneurship***
(Youth Apprenticeship)</td><td>• Fab Lab I
• Fab Lab II
• Civil Engineering & Architecture (CEA)
• Entrepreneurship***
(Youth Apprenticeship)</td></tr>
<tr><td>Project Lead the Way® Pathway (PLTW)</td><td>Project Lead the Way® Pathway (PLTW)</td></tr>
<tr><td>• Principles of Engineering (POE)
• Aerospace Engineering (AE)</td><td>• Intro to Engineering Design (IED)
• Principles of Engineering (POE)
• Aerospace Engineering (AE)</td></tr>
<tr><td colspan="2">* Course hosted at East HS
** Course hosted at West HS
*** Requires co-enrollment in Youth Apprenticeship</td><td>NOTE: Please see Project Lead the Way section of guide for detailed course descriptions</td></tr>
</table>

TECHNICAL EDUCATION AND ENGINEERING COURSES

Civil Engineering & Architecture (CEA)
1 semester, .5 credit
Grades 10-12

In the Civil Engineering and Architecture course, students will learn the fundamentals of building design, site design, and development. Students will apply math, science, and standard engineering practices to design residential buildings and document their work using 3D architectural design software. This course will service students interested in learning about careers in Civil Engineering or Architecture.

Construction 1
1 semester, .5 credit
Grades 10-12
Prerequisite: Woods 1

The focus of this course is to expose students to the materials, tools, machines, and processes used in residential construction. The course will emphasize the safe handling of tools, materials, and machines in the construction industry. Additionally, the course is designed to expose students to carpentry and other building trades along with the skills needed to construct structures from wood and other materials. Safety glasses and closed toe shoes are required.

- Example Projects: Playhouse
- Industry Certifications Available: Career Connections Level III, OSHA 10

Entrepreneurship
Youth Apprenticeship
1 year, 1 credit
Grades 11-12
Prerequisite: Co-enrollment in Youth Apprenticeship

Students enrolled in this work-based learning course must also be participating in the Youth Apprenticeship program and are seeking an opportunity to become an entrepreneur. Students will be responsible for the research, design, production, and selling of a product that they will make using the laboratory equipment available to them. Safety glasses and closed toe shoes are required.

TECHNICAL EDUCATION AND ENGINEERING COURSES (CONT.)

Fab Lab 1 1 semester, .5 credit Grades 9-12	The curriculum for this course will include a number of modular lessons that guide students through project-based learning experiences designed to have them work through a problem from inception to solution using STEAM (Science, Technology, Engineering, Art, and Math). Students will learn how to use 3D and 2D modeling software programs, how to use the design process to solve problems, and how to use multiple pieces of equipment like 3D printers and laser cutters to create models and prototypes of the solutions they develop.
Fab Lab 2 1 semester, .5 credit Grades 9-12 Prerequisite: Fab Lab 1	Students will expand upon the skills learned in 'Fab Lab I' to complete several large scale projects. By using the design process, students will choose topics that interest them, collaborate, and create useful and interactive products. Students who value independent work will excel in this course.
Intro to Power Technology Hosted at West 1 semester, .5 credit Grades 9-12	In this course students will be introduced to internal combustion engines (small engine repair), basic electronics, hydraulics, and robotics. Additionally, in this "hands on" course, students will complete numerous projects related to the areas mentioned above while learning how to safely use hand tools and machinery as they explore the many facets of power and manufacturing technology. Students who may be interested in a career in the automotive industry, manufacturing, engineering, or who may have an interest in electricity or electronics should consider taking this course. Safety glasses and closed toe shoes are required.
Metals 1 Hosted at West 1 semester, .5 credit Grades 9-12	The focus of this course is to expose students to the materials, tools, machines, and processes used in various metal working careers. Students will explore three major areas: welding, machining and metal fabrication. This course is a hands-on, project-based class. The skills you will learn in this class, which include problem-solving and critical thinking, are highly desirable and can be used in future careers in manufacturing and/or engineering. Safety glasses and closed toe shoes are required. Industry Certifications Available: Haas Basic Operator Certification
Metals 2 Hosted at West 1 semester, .5 credit Grades 9-12 Prerequisite: Metals 1	Metals 2 exposes students to the materials, tools, machines, and processes used in various metal working careers in a project-based setting. Students have hands-on opportunities to further develop their welding, casting, sheet metal fabrication, CNC machining, milling, and lathe operation skills gained from Metals 1. These skills, plus a focus on problem-solving, critical thinking, precision measuring, reading drawings, and machine operation, are highly desirable and will support in attaining a future career in manufacturing and/or engineering. Safety glasses and closed toe shoes are required. Industry Certification Available: Haas Basic Operator Certification

TECHNICAL EDUCATION AND ENGINEERING COURSES (CONT.)

Skilled Trades Capstone Hosted at East 1 year, 3 credits Grades 11-12 Prerequisite: Completion of Woods 1 with a C or better, strong history of high attendance rate	This is a Capstone Course for the Construction Pathway and combines Mathematics for the Skilled Building Trades and Mentorship credit. The course is designed for students interested in gaining hands-on experience in a variety of residential building trades (masonry, carpentry, plumbing, flooring, electrical, HVAC, and more), and culminates by building a functioning half-bathroom. Safety glasses and closed toe shoes are required. 3 Credit Experience: ● Construction Capstone (1 credit) ● Mathematics for the Skilled Building Trades (1 credit) ● Mentorship (1 credit) Example Projects: Half Bathroom Industry Certifications Available: Career Connections Level III, OSHA 10.
Woods 1 1 semester, .5 credit Grades 9-12	In this course students will be introduced to woodworking and basic carpentry processes and procedures. Additionally, during this "hands on" course, students will complete numerous projects while learning how to safely use woodworking hand tools and machinery as they explore the many facets of woodworking technology. This course is open and accessible to anyone interested in woodworking, however, it is highly recommended for those interested in a career in the building trades, such as construction. Safety glasses and closed toe shoes are required. Example Projects: Step Stool, Cutting Board, Small Bowl, Picnic Table
Woods 2 1 semester, .5 credit Grades 10-12 Prerequisite: Woods 1	This is designed for those students who have an interest in designing and building furniture. This is a lab-oriented class focused on cabinetmaking and finish carpentry. The scale of the projects completed in this course are dependent upon current raw material costs, and the amount of materials needed. This course is recommended for those interested in a career in manufacturing and the building trades. Safety glasses and closed toe shoes are required. Example Projects: Picture Frame, Step Stool, Small Cabinet

THEATER

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Theater						
Advanced Theatre: Independent Projects					X	
Broadway Bound					X	
Intro to Theatre Performance					X	
Studio Theatre Performance				X	X	
Theatre Makers Design Lab				X	X	
Yes, and Improv					X	

THEATER COURSES

Advanced Theatre: Independent Projects
Formerly Independent Studies in Theatre
1 semester, .5 credit
Grades 9-12
Prerequisite: Intro to Theatre Performance or Theatre Makers Design Lab

Only offered 8th hour

This independent study course offers advanced theatre students the opportunity to design & execute projects in performance-based or technical theatre.

Broadway Bound
Formerly Musical Theatre
1 semester, .5 credit
Grades 9-12

Broadway Bound is your chance to sing, dance and act your way through the world of musical theatre. In this performance-based class, students will explore the essential skills of voice, movement and character. As part of the course, the class will work collaboratively to rehearse and produce a musical performance, giving every student the chance to shine on stage. Through ensemble work, solo opportunities and creative projects, you'll build confidence, strengthen your performance abilities and experience the joy of storytelling through music and theatre.

THEATER COURSES (CONT.)

Intro to Theatre Performance Formerly Acting I 1 semester, .5 credit Grades 9-12	Intro to Theatre introduces students to the craft of acting in a supportive, ensemble-based environment. Through collaborative exercises, scene study and performance projects, students will develop fundamental skills in voice, movement, character creation and storytelling. Designed for both beginners and those looking to strengthen their confidence on stage, this course encourages creativity, teamwork and self-expression
Studio Theatre Performance 1 semester, .5 credit Grades 9-12 Prerequisite: Intro to Theatre (formerly Acting 1) or Theatre Makers Design Lab (formerly Theatre Production and Design 1)	In Studio Theatre Performance, you won't just act in a play, you'll help build it from the ground up. This dynamic, hands-on course takes you into the world of theatre, where every student has a role to play-on stage and behind the curtain. Through creative exercises, scene work, and ensemble collaboration, you'll sharpen your acting skills, explore character development, and discover how to bring stories to life with energy and purpose. You'll also get an inside look at the making of a show-from script analysis and staging to costumes, lighting, sound design, and set choices. Whether you're drawn to the spotlight or more excited by the technical magic that happens backstage, there's a place for you in this full-theatre experience. The semester builds toward a major highlight: performing a show. This product-based, process-guided course allows you to contribute to a real production, learning how every part of the theatre puzzle fits together. If you've ever wondered what it really takes to put on a show, this is your chance to find out.
Theatre Makers Design Lab Formerly Theatre Production & Design 1 1 semester, .5 credit Grades 9-12	Theatre Makers Design Lab invites students to explore the creative world of theatrical design and production. From sets, lights, costumes, props and sound to the backstage magic that makes a show come alive, students will discover how storytelling extends beyond the stage. This course combines hands-on projects, collaborative problem-solving and real-world theatre experiences, giving students the chance to bring performances to life. No experience required - just curiosity and creativity!
Yes, And! Improv Formerly Topics in Theatre: Improvisation 1 semester, .5 credit Grades 9-12	Get ready to think fast, laugh hard, and say "yes, and..." to endless possibilities! In this class you'll dive into the art of improvisation - building confidence, creativity, and quick thinking through games, scenes, and hilarious challenges. Together, you'll learn to trust your instincts, support your scene partners, and create unforgettable moments on the spot. No script required - just energy, imagination, and a sense of play!

WORLD LANGUAGE

Learning a language can be a life-changing and eye-opening experience. Researchers have found that learning new languages supports academic achievement in all subject areas and that this benefit increases with every semester of world language study. In addition, language learning affects students' attitudes and beliefs about other cultures. More and more employers are seeking out language learners not just for their language skills but for their cultural awareness. More information on the benefits of language learning can be found at https://www.actfl.org/advocacy.

- All students can begin a world language at any point in their high school career.
- Students may also choose to take more than one language at a time.
- In World Language courses, language is taught within the context of culture while incorporating authentic materials. The target language will be the predominant language used in the classroom by teachers.
- If a student has demonstrated skills beyond their current course, they may advance to the next level with approval from their World Language teacher and principal.

The following modes of communication are the benchmarks for Spanish, German, and French:

- Interpretive: Students can demonstrate understanding of something they have heard or read.
- Presentational: Students can produce a written product or give a presentation in the target language.
- Interpersonal: Students can speak and write to others in the target language spontaneously

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
World Language						
AP French	World Languages have cross-cutting connections to all Pathways					
AP German						
French 1,2,3,4,5						
German 1,2,3,4,5						
Spanish 1,2,3,4,5						
Intermediate Spanish Language II						
Latin 1						
Latin 2						
Latin Poetry/Latin Prose						

WORLD LANGUAGE COURSES

AP French & German Language and Culture
1 year, 1 credit
Grades 12 (Weighted Course)
Prerequisite: Level 5

This course is designed to prepare students for the AP Language and Culture Exam as well as university placement exams. Students will refine their interpersonal, interpretive and presentational skills, while focusing on precision and fluency in writing and speaking. Units of study are based on global challenges, science and technology, contemporary life, personal and public identities, families and communities, and beauty and aesthetics. This course emphasizes critical interpretive skills as well as oral and written analysis of authentic materials. Grammar is taught and used in context. Advanced work challenges students to be more analytical, evaluative and creative through real world applications and opportunities. All students are highly encouraged to take the AP exam at the end of the year.

French, German, Spanish 1
1 year, 1 credit
Grades 9-12

In Level 1, students begin to develop their interpretive, interpersonal and presentational skills in the target language. Students strive to achieve a beginner's level of competency by communicating regularly on familiar topics in both oral and written form. The emphasis is on becoming comfortable with the sounds and rhythms of the language. Students learn decoding skills in order to read short passages and stories. Students gain an appreciation of global cultures.

French, German, Spanish 2
1 year, 1 credit
Grades 9-12
Prerequisite: Level 1

In Level 2, students continue to develop their language abilities through an ongoing emphasis on interpretive, interpersonal and presentational skills. Students improve their proficiency by communicating regularly on familiar topics in both the oral and written form. Students will apply basic decoding skills in order to read and listen to short passages and stories. Through using authentic texts, students will gain an appreciation of global culture and develop stronger interpretive skills.

French, German, Spanish 3
1 year, 1 credit
Grades 9-12
Prerequisite: Level 2

In Level 3, students continue to develop their language skills through an ongoing emphasis on interpretive, interpersonal and presentational skills. Curriculum is designed to encourage students to utilize the target language both in and outside the classroom. Longer writing pieces will be expected and more rigorous reading selections will be examined. Through using authentic texts, students will gain an appreciation of global culture and develop stronger interpretive skills. At this point, students will have the skills to consider being part of an exchange/travel program.

French, German, Spanish 4
1 year, 1 credit
Grades 10-12
Prerequisite: Level 3

In Level 4, students refine their abilities in interpersonal, interpretive and presentational skills. Speaking skills will allow for expanded discussions and spontaneous conversations. Given that the languages offered represent countries from a diverse and dynamic segment of the world community, the culture and traditions of these countries will be explored more in depth. Authentic resources will be examined to develop critical thinking and interpretive skills. Students will have the skills to consider being part of an exchange/travel program.

WORLD LANGUAGE COURSES (CONT.)

French, German, Spanish 5
1 year, 1 credit
Grades 11-12
Prerequisite: Level 4

This is the first segment of a two-year program to prepare students for the AP Language and Culture Exam as well as university placement exams. In the Level 5 of World Language, students will refine their interpersonal, interpretive and presentational skills. Units of study are based on global challenges, science and technology, contemporary life, personal and public identities, families and communities, and beauty and aesthetics. This course emphasizes critical reading skills, and oral and written analysis of authentic materials. Grammar is taught and used in context. Advanced work challenges students to be more analytical and creative through assignments, real world applications and enrichment opportunities. Students who are successful in the fifth year of language study are encouraged to register for the sixth-year course in order to be fully prepared for placement exams and achieve an even higher level of proficiency.

UNIVERSITY OF MINNESOTA

Intermediate Latin Poetry
1 year, 1 credit
(Weighted Course)
Prerequisites: Latin 1 & 2 (Offered in 26-27)

Students will be able to apply their grammar, vocabulary, literary, and historical knowledge in order to read authentic Latin poetry texts. This will bolster students' Latin comprehension and fluency and offers students the opportunity to draw comparisons between the ancient world and today's society along with advanced literary analysis, which is imperative in the development of critical thinking skills. *Please note, additional fees apply if taking this course for college credit.

UNIVERSITY OF MINNESOTA

Intermediate Latin Prose
1 year, 1 credit
(Weighted Course)
Prerequisites: Latin 1 & 2 (Offered in 27-28)

Students will be able to apply their grammar, vocabulary, literary, and historical knowledge in order to read authentic Latin prose texts. This will bolster students' Latin comprehension and fluency and offers students the opportunity to draw comparisons between the ancient world and today's society along with advanced literary analysis, which is imperative in the development of critical thinking skills. *Please note, additional fees apply if taking this course for college credit.

UNIVERSITY of WISCONSIN GREEN BAY

Intermediate Spanish Language II (Dual Enrollment)
1 year, 1 credit
Grade 12 (Weighted Course)
Prerequisites: Level 5

This course is the equivalent of Intermediate Spanish Language II (Spanish 202) at the University of Wisconsin-Green Bay. Students (who choose dual enrollment) will receive 3 college credits in addition to their high school credit. **By earning an A, AB, or B, they can also earn 11 additional retroactive credits for Spanish 101, 102, and 201 for a total of 14 college credits.** Students will refine their interpersonal, interpretive and presentational skills, while focusing on precision and fluency in writing and speaking. Units of study are based on global challenges, science and technology, contemporary life, personal and public identities, families and communities, and beauty and aesthetics. This course emphasizes critical interpretive skills as well as oral and written analysis of authentic materials. Grammar is taught and used in context. Advanced work challenges students to be more analytical, evaluative and creative through real world applications and opportunities. Please note, additional fees apply if taking this course for college credit. *Please note, additional fees apply if taking this course for college credit.

WORLD LANGUAGE COURSES (CONT.)

Latin 1: Mythology and Culture 1 year, 1 credit Grades 9-12	Students will explore the roots of many cultures and languages as they explore stories of gods, heroes, and monsters written in Classical Latin. Students will develop foundational knowledge and skills in language, reading, reasoning, and culture. Students will practice the skills of living a self-examined life through an introduction to philosophical principles and conversations in order to help them be successful in future endeavors. This class is designed for students of any grade-level, experience, or skill-set who want to improve their skills for other classes or pursuits by learning in new ways through the study of an ancient language and culture.
Latin 2: Advanced Mythology and Culture 1 year, 1 credit Grades 10-12 Prerequisite: Latin 1	Students will read ancient stories whose subject matter examines human nature and the human condition. They will hone their reading skills and acquire new language skills to appreciate the art of timeless stories and their storytellers. Students practice the skills of living a self-examined life by analyzing philosophical principles found in ancient Mediterranean cultures in order to be more successful in future endeavors.

SUMMER SCHOOL

On this page you will find a list of courses that are scheduled to be offered during summer school. **All courses listed may only be taken once for credit whether taken during the traditional school year or during summer school unless a student is exercising the grade replacement option outlined in Administrative Guidelines 5430.** Like courses offered during the traditional school year, if there are not adequate requests, courses may not run. Similarly, in the event that there are too many requests and not enough staff to meet the demands of a particular course, students will be rostered based on seniority. A waitlist will be instituted to manage remaining requests based on a lottery system. Classes can only be taken once for credit of a graduation requirement. For students that are not credit deficient, summer school is not necessary to graduate on time. **Students opting to take summer school courses may earn a maximum total of 1.0 credit.**

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

Credit courses are offered in four different models:

Course Format	Attendance Requirement
In-person	Class meets in-person during the six week program. **Attendance is mandatory the first 3 days of summer school to establish consistent practices. Students are allowed 3 absences following the first three days of summer school** to meet the 4050 credited minutes required by DPI.
Hybrid	Class meets 2 days a week in-person and the other three days are asynchronous instruction. In-person instruction days will either be Monday and Wednesday or Tuesday and Thursday pending the schedule. **On the days of in-person instruction attendance is mandatory the first week of the course. Students are allowed 1 absence on the in-person instruction days** for the remaining five weeks.
Online	Class instruction is provided online with asynchronous instruction and assignments. T**he course will meet the first day either in-person at one of the high school campuses or virtually in a google meet. The first meeting is mandatory to establish practices for student success. Please note the instructor will advise their students when, and where the meeting will occur.** The instructors will provide weekly scheduled office hours (3 hours) for students to meet virtually or in-person. These hours are established by the instructor and will be communicated to the students through the course syllabus. **There will be another mandatory meeting in the 3rd week of the course.** Again it will either be in-person or virtually. The time and date will be communicated by the instructor in the course syllabus.
Credit Recovery	Class meets in-person during the six week program. **Attendance is mandatory the first 3 days of summer school to establish consistent practices.** Class is self-paced and students can work ahead to finish course work before the end of the six-week term. **Students are allowed 3 absences following the first 3 days of the course.**

All courses listed below may only be taken once for credit whether taken during the traditional school year or during summer school unless a student is exercising the grade replacement option outlined in Administrative Guidelines 5430. Like courses offered during the traditional school year, if there are not adequate requests, courses may not run. Similarly, in the event that there are too many requests and not enough staff to meet the demands of a particular course, students will be rostered based on seniority. A waitlist will be instituted to manage remaining requests based on a lottery system. Classes can only be taken once for credit of a graduation requirement. For students that are not credit deficient, summer school is not necessary to graduate on time.

SUMMER SCHOOL COURSES - CREDIT

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

BUSINESS **Business and Personal Finance** Hybrid, .5 credit Grades 9-12 Fulfills the school district's financial literacy requirement	This course is designed to introduce students to forms of business ownership, investments, finance, insurance, taxes and ethics. Comprehensive projects and other group activities are used in evaluating student performance. Budgeting, credit and checkbook management, real estate, car buying and financial planning are also emphasized. This course is recommended for all students
FAMILY & CONSUMER SCIENCE **Independent Living** Hybrid, .5 credit Grades 10-12 Fulfills the school district's financial literacy requirement	Issues facing students as they prepare for life and work after school can be complex and confusing. Students learn to use problem-solving strategies to make informed personal and family consumer decisions regarding housing, financial planning, money management (budgeting, reconciling bank accounts, credit cards), taxes, consumer purchases, careers, insurance, and consumer protection. Special emphasis is placed on financial literacy. This course fulfills the State of Wisconsin's Financial Literacy requirement.
FAMILY & CONSUMER SCIENCE **Child Development** In-Person, .5 credit Grades 9-12	The development of strong, healthy parent/child relationships is vital to our future. Class activities and speakers provide the learning environment for this most important task – parenting children. Topics to be covered include: decision to parent, parenting responsibilities & family structure, pregnancy and childbirth, skillful parenting, growth and development with a focus on birth to age two, meeting needs of infants and toddlers, developing potential in children, exploring child-centered careers, evaluating parenting trends. Students will also have the opportunity to take home an infant simulator to experience a small taste of the demands of caring for an infant.
English **Composition** Hybrid, .5 credit Grades 11-12	Composition focuses on writing that students will encounter outside an academic setting with an emphasis on career readiness and real-world application. Career readiness applications include informative writing, evaluative writing, processed description, comparison/contrast and reflective writing. Instruction centers on using the writing process to appeal to a wide variety of audiences, using various stylistic and organizational strategies. Study and practice will also focus on sentence construction, usage, and mechanics.
English **Contemporary Novels** Hybrid, .5 credit Grades 11-12	This course is designed to reinforce and expand skills introduced in the previous English courses by examining various genres of contemporary literature. The course will integrate the study of reading, writing, speaking, researching, and listening through appropriate materials and critical thinking activities. Students will read a variety of literary works, demonstrate their understanding through various activities and assessments, and work effectively in groups as well as independently.

SUMMER SCHOOL COURSES - CREDIT (CONT.)

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

ELA **Creative Writing** Hybrid, .5 credit Grades 11-12	Creative Writing provides students with opportunities to improve their ability to write creatively through imaginative forms of writing such as poetry, drama, short stories, and creative nonfiction. Exposure to the language of other writers, photographs, music, films, and other art forms will be used to stimulate writing. Emphasis is placed on developing students' writing potential by sharpening and developing their sensitivity and insight into themselves, others, and the world around them. While the course fosters the growth of self-expression through imaginative writing, students will also be encouraged to develop greater sophistication in writing for a variety of purposes, as well as their ability to communicate their creativity to others.
ELA **Oral Communication** In-Person, .5 credit Grades 9-12	This is a course designed to increase students' knowledge of the communication process and development of skills to communicate effectively, primarily through speaking and listening. It focuses on six major units—the communication process, listening, interpersonal communication, public speaking, group discussion, and debate—to develop competencies which will enhance students' relationships with others in social and career contexts. This course will also provide practice in communicating effectively when doing performance assessments. While the course emphasizes speaking and listening, it incorporates reading and writing to help students develop fully as effective communicators.
HEALTH **Health** Hybrid, .5 credit Grades 9-12	Required course for every student. The following topics are covered: emotional/mental health, stress and stress management, nutrition and weight control, drugs, alcohol, tobacco use/abuse, human growth and development, and first aid, safety and the community, and CPR.
PHYSICAL EDUCATION **General PE** Hybrid, .5 credit Prerequisite: PE Foundations This class can only be taken once for PE credit but twice for elective credit	The focus of this course will be on participating in team/individual sports and fitness activities. Students will use prior knowledge from PE Foundations to expand on basic skills, rules and strategies for each activity. Activities include, but are not limited to, volleyball, basketball, water games, ultimate frisbee, pickleball, badminton, and personal fitness. Students who complete this class should be able to confidently participate in recreational activities that will enhance their lifelong fitness.

SUMMER SCHOOL COURSES - CREDIT (CONT.)

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

PHYSICAL EDUCATION **Online PE** Online, .5 credit Prerequisite: PE Foundations This class may only be taken once	This course is designed for the self-motivated student who desires flexibility within their daily schedule. An extensive amount of reading and writing is required for this course. For the physical portion of the course, students will be required to complete 200 minutes of physical activity each week through a minimum of 4 workout sessions. Students will complete journal entries each week describing their activity. Students will also be expected to participate in discussion forums and post journal entries about various health and fitness topics. The course uses the text Fitness for Life for some but not all assignments. Students are expected to actively participate in this course by logging into the class a minimum of five days a week.
PHYSICAL EDUCATION **PE Foundations** In-Person, .5 credit	This is a required course prior to taking other physical education courses. This course is designed to introduce students to a wide variety of activities including lifetime fitness activities, basic swim skills, team sports and individual sports. Classroom days will be used to explore topics such as the fundamentals of fitness, nutrition, stress management, and leadership. This course will prepare the student to make educated decisions about their future physical education course selections.
SCIENCE **Anatomy & Physiology** Hybrid, .5 credit Grades 11-12	This semester course provides a basic understanding of the organization of the human body and how the body works. Anatomical terminology, basic biochemistry, cells and body tissues are covered. Organs of the body will be studied to understand their structure, location in the body, their function and how they interact with other parts of the body. Students develop an understanding of what the body is doing and how they can help the body cope with many different situations (exercise, relaxation, disease, injury, etc.). Dissection is a part of the curriculum.
SCIENCE **Environmental Science** Hybrid, .5 credit Grades 11-12	This course will focus on local and regional ecosystems where students will develop a deeper appreciation and respect for the environment through both outdoor and classroom inquiry-based learning experiences. Upon successful completion of this course, students should be able to use the scientific skills and major environmental science concepts to understand interrelationships of the natural world and to analyze environmental issues and their solutions.

SUMMER SCHOOL COURSES - CREDIT (CONT.)

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

SOCIAL STUDIES **Contemporary World Problems** Hybrid, .5 credit Grades 10-12	A study of American foreign policy goals/ideas and initiatives is used to introduce the Contemporary World Problems course. Through this introduction, students gain an understanding of how and why the United States interacts as it does within the global community. Specific world problems of current significance and of interest to the students are then examined in depth as they relate to the peoples of the world within the context of an increasingly global community. Problems that may be addressed will include specific issues within broader concepts of Economic Inequality in the World, Human Rights, Conflict and Turmoil in the World, Changing Climate, Health and Disease around the World, and the World Through the Eyes of the International Media. Skills stressed include critical thinking, source evaluation, and informed debate within the context of a global perspective. Students are required to develop an informed, well-supported point of view as they investigate issues.
SOCIAL STUDIES **Economics** Online, .5 credit Grades 10-12 Fulfills the school district's financial literacy requirement	Economics is designed to help students understand how the government, producers and consumers interact in our free-market economy as well as the global community. Students are exposed to basic concepts, microeconomic and macroeconomic issues, and foreign trade. Topics explored include scarcity; opportunity cost; supply, demand and market price; budgeting, saving, and the risks and rewards of different investments; the role of government; and monetary and fiscal policy. Economics also allocates 1/3 of the course helping students become fluent in personal financial literacy.
SOCIAL STUDIES **Psychology** Hybrid, .5 credit Grades 10-12	Utilizing the perspective of the scientific method, psychology students examine the complexities of human behavior. Students are exposed to a variety of theories on numerous topics including: consciousness, learning, development, and psychological disorders. Throughout the course we will look at the nature-nurture debate and study both the biological and environmental basis of behavior.

SUMMER SCHOOL COURSES - CREDIT RECOVERY

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

ENGLISH
English 9 Semester 1 (A)
Online, .5 credit

English 9 is in 100% alignment to the Common Core State Standards for English Language Arts. In addition to an emphasis on alignment, the lessons are designed based on a clear thematic connection and build upon each other ensuring that standards are scaffolded and covered multiple times going deeper with each lesson. Texts in this course are diverse, authentic, complex, and rich in length. Students encounter texts multiple times over the course of a unit digging deeper in theme and focus standards. Each lesson follows a clear instructional model mirroring that of the traditional tier-one lesson cycle: warm-up, direct teach with modeling, guided practice, independent practice, and closure. Instructional best practices are embedded throughout lessons such as close reading, modeling, and chunking. Features to support student mastery included guided notes and graphic organizers. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

SUMMER SCHOOL COURSES - CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

ENGLISH
English 9 Semester 2 (B)
Online, .5 credit

English 9 is in 100% alignment to the Common Core State Standards for English Language Arts. In addition to an emphasis on alignment, the lessons are designed based on a clear thematic connection and build upon each other ensuring that standards are scaffolded and covered multiple times going deeper with each lesson. Texts in this course are diverse, authentic, complex, and rich in length. Students encounter texts multiple times over the course of a unit digging deeper in theme and focus standards. Each lesson follows a clear instructional model mirroring that of the traditional tier-one lesson cycle: warm-up, direct teach with modeling, guided practice, independent practice, and closure. Instructional best practices are embedded throughout lessons such as close reading, modeling, and chunking. Features to support student mastery included guided notes and graphic organizers. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

SUMMER SCHOOL COURSES - CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

ENGLISH
English 10 Semester 1 (A)
Online, .5 credit

English 10 is in 100% alignment to the Common Core State Standards for English Language Arts. In addition to the emphasis on alignment, the lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners, and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. The course design offers learners multiple opportunities to experience the reading and writing connection via analysis tasks, and other opportunities to engage in research and experience writing across genres. Instructional best practices are embedded throughout lessons such as the close reading of texts and application of reading strategies. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

SUMMER SCHOOL COURSES - CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

ENGLISH
English 10 Semester 2 (B)
Online, .5 credit

English 10 is in 100% alignment to the Common Core State Standards for English Language Arts. In addition to the emphasis on alignment, the lessons in the course are designed to be shorter in length than lessons of previous versions, offering focused exploration of topics to make concepts more digestible for learners, and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. The course design offers learners multiple opportunities to experience the reading and writing connection via analysis tasks, and other opportunities to engage in research and experience writing across genres. Instructional best practices are embedded throughout lessons such as the close reading of texts and application of reading strategies. New features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. Scaffolding pieces, such as Clarifying Big Ideas (CBI) lessons, are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning. These CBI lessons include additional modeling, student examples, and detailed explanations to ensure students internalize key concepts discussed in tutorials.

MATH
Algebra 1 Semester 1 (A)
Online, .5 credit

Algebra 1 is in 100% alignment to the National Standards for Mathematics. The specific standard alignment for each lesson is visible to both educators and students. In addition to the emphasis on alignment, the lessons offer focused exploration of topics to make concepts digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with interactive lessons and videos that work through examples and model problem-solving skills.

SUMMER SCHOOL COURSES – CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

MATH **Algebra 1 Semester 2 (B)** Online, .5 credit	Algebra 1 is in 100% alignment to the National Standards for Mathematics. The specific standard alignment for each lesson is visible to both educators and students. In addition to the emphasis on alignment, the lessons offer focused exploration of topics to make concepts digestible for students. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist students in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help students record key takeaways as they move through the tutorial. The course is also built around student engagement, with interactive lessons and videos that work through examples and model problem-solving skills.
MATH **Algebra 2 Semester 1 (A)** Online, .5 credit	Algebra 2 is in 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the lessons offer focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

SUMMER SCHOOL COURSES - CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

MATH **Algebra 2 Semester 2 (B)** Online, .5 credit	Algebra 2 is in 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the lessons offer focused exploration of topics to make concepts more digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.
MATH **Geometry Semester 1 (A)** Online, .5 credit	Geometry is in 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the lessons offer focused exploration of topics to make concepts digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.

SUMMER SCHOOL COURSES - CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

MATH **Geometry Semester 2 (B)** Online, .5 credit	Geometry is in 100% alignment to the National Standards for Mathematics. In addition to the emphasis on alignment, the lessons offer focused exploration of topics to make concepts digestible for learners and intentionally grouped to reinforce connections. Practice questions are included with each lesson, including technology-enhanced items and explanations to assist learners in their understanding of the concepts. Features to support student mastery include worksheets for practice and guided notes to help learners record key takeaways as they move through the tutorial. The course is built around learner engagement, with interactive lessons, videos that work through examples and model problem-solving skills, and experiences to support multi-modal learning and sense-making. Scaffolding pieces are included throughout the course to provide learners with opportunities to build on foundational skills as well as prepare for greater success by drawing learners' attention to common misunderstandings and articulating the big ideas that underpin learning.
SCIENCE **Biology with Virtual Labs Semester 1 (A)** Online, .5 credit	This inquiry- and virtual-lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through a simulated laboratory situation. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common household items—such as paper and a pencil—if they choose.

SUMMER SCHOOL COURSES - CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

SCIENCE **Biology with Virtual Labs Semester 2 (B)** Online, .5 credit	This inquiry- and virtual-lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards for high school biology. Content topics include cells, organ systems, heredity, organization of organisms, evolution, energy use in organisms, and the interdependence of ecosystems. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes a number of virtual lab activities in which students will exercise experimental design, data analysis, and data interpretation skills while working through a simulated laboratory situation. Lab materials note: None of the virtual labs require specialized laboratory materials or tools. Some virtual labs do allow students to make use of common household items—such as paper and a pencil—if they choose.
SCIENCE **Chemistry Semester 1 (A)** Online, .5 credit	This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school chemistry along with additional concepts and standards typically included in a full-year high school chemistry course. Content topics include atoms and elements, chemical bonding, chemical reactions, quantitative chemistry, molecular-level forces, solutions, and energy and changes in matter. It also addresses additional concepts and standards typically included in a full-year high school chemistry course, including molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes hands-on lab activities.
SCIENCE **Chemistry Semester 2 (B)** Online, .5 credit	This inquiry- and lab-based course is designed to support modern science curriculum and teaching practices. It robustly meets NGSS learning standards associated with high school chemistry along with additional concepts and standards typically included in a full-year high school chemistry course. Content topics include atoms and elements, chemical bonding, chemical reactions, quantitative chemistry, molecular-level forces, solutions, and energy and changes in matter. It also addresses additional concepts and standards typically included in a full-year high school chemistry course, including molar concentrations, acid-base reactions, advanced stoichiometry, gas laws, and organic compounds. Each lesson includes one or more inquiry-based activities that can be performed online within the context of the lesson. In addition, the course includes hands-on lab activities.

SUMMER SCHOOL COURSES - CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

SOCIAL STUDIES
American Public Policy Semester 1 (Civics)
Online, .5 credit

National Civics is a one-semester course offering seven units that cover topics including the origins of American government, the structure and function of our government, rights and responsibilities of citizens, the American federal system, political parties and the election process, basic economic principles, and current matters regarding domestic and foreign policy. The course includes a variety of unit and lesson activities that examine the history, culture, and economy of the nation that encourage research and reflection. In these activities, students will examine seminal documents and landmark Supreme Court cases in American political history, analyze changes in federal and executive power over time, explore the political election process and data related to recent voting trends, research and propose a public policy plan, as well as compare and contrast the functions of the national government with state and local governments. The course also prepares students to pass the civics portion of the USCIS Naturalization Test.

SOCIAL STUDIES
American Public Policy Semester 2
(US Government & Politics)
Online, .5 credit

In US Government and Politics, students examine the history, principles, and function of the political system established by the US Constitution. Starting with a basic introduction to the role of government in society and the philosophies at the heart of American democracy, this course provides students with the knowledge needed to be informed and empowered participants in the US political system. Through critical reading activities, feedback-rich instruction, and application-oriented assignments, students develop their ability to conduct research, analyze sources, make arguments, and take informed action. In written assignments, students address critical questions about US politics and the roles of individual Americans in politics and political organizations. In discussion activities, students respond to political opinions, take a position, and defend their own claims. Formative and summative assessments provide students — and teachers — with ample opportunities to check in, review, and evaluate students' progress in the course. For Honors students, the course culminates with a multipart independent research project focused on a topic of their choice. This course is built to state standards and informed by the College, Career, and Civil Life (C3) Framework for Social Studies State Standards and the National Standard for Civics and Government.

SUMMER SCHOOL COURSES - CREDIT RECOVERY (CONT.)

These courses are intended for students who have attempted a course and subsequently did not successfully earn credit. This is an opportunity for them to recover the credit in the following courses. All courses are offered through the online platform Edmentum.

PLEASE NOTE: Students who are taking summer school for credit during the 2026 session have until Friday, July 3rd to drop a credited course without academic impact.

SOCIAL STUDIES **United States History Semester 1 (A)** Online, .5 credit	US History is aligned to the principles of the C3 Framework. The course promotes the examination, analysis, and evaluation of important people and events in the history of the United States of America. The course also uses investigative questions to guide the examination and analysis of events. The content of the course is designed to promote understanding of the impacts historical events had on the numerous groups of diverse people who make up the United States. Clarifying Big Ideas (CBI) Lessons appear throughout the course to model critical thinking skills and strategies. These skills and strategies are woven throughout the lessons to allow students to practice using the skills in context. Activities further promote critical thinking about historical figures and encourage learners to analyze factors that impacted the decisions these figures made to shape the growth and development of the United States. The activities have learners analyze and evaluate primary and secondary sources, and have them form opinions while using evidence to support their opinions.
SOCIAL STUDIES **United States History Semester 2 (B)** Online, .5 credit	US History is aligned to the principles of the C3 Framework. The course promotes the examination, analysis, and evaluation of important people and events in the history of the United States of America. The course also uses investigative questions to guide the examination and analysis of events. The content of the course is designed to promote understanding of the impacts historical events had on the numerous groups of diverse people who make up the United States. Clarifying Big Ideas (CBI) Lessons appear throughout the course to model critical thinking skills and strategies. These skills and strategies are woven throughout the lessons to allow students to practice using the skills in context. Activities further promote critical thinking about historical figures and encourage learners to analyze factors that impacted the decisions these figures made to shape the growth and development of the United States. The activities have learners analyze and evaluate primary and secondary sources, and have them form opinions while using evidence to support their opinions.

SUMMER SCHOOL COURSES - ENRICHMENT (NO CREDIT)

ACT Prep In-Person, 3 week session June 22-July 9 (Mon-Thurs) Grades 9-12	An ACT prep class is a course designed to help students improve their performance on the ACT college entrance exam. These classes cover all sections of the test (English, Math, Reading, and Science) and teach students strategies for time management, test-taking, and understanding question types. The goal is to increase students' scores and confidence by familiarizing them with the test's format through practice questions, full-length tests, and instructor feedback.
Red Cross Lifeguarding In-Person, 1 week session June 15-19 (8AM - 4PM) Grades 9-12	The American Red Cross Lifeguarding course provides entry-level lifeguards with the knowledge and skills to prevent, recognize, and respond to aquatic emergencies. The training includes water rescue, first aid, and CPR/AED. In-person only classes that last eight hours a day. Completion requires passing a written exam and practical skills assessments.
Weight Training In-Person, 6 week session (Mon-Thurs) Grades 9-12	A high school weight training course focuses on teaching students proper lifting techniques, safety, and the principles of strength and conditioning. The course covers foundational movements like squats and presses, and can include free weights, machines, and bodyweight exercises to improve strength, power, endurance, and agility. This course aims to build lifelong fitness habits and can help students set and achieve personal fitness goals.

CAREER BASED LEARNING

CERTIFICATIONS

WORK BASED COURSES

CAREER BASED LEARNING

PATHWAYS

Programs of Study	Connecting & Supporting Success	Caring for Communities	Cultivating Resources	Building & Moving	Creating & Experiencing	Investing in a Future
	Mgmt + Enterpreneurialship Marketing + Sales Digital Technology	Education Health Care + Human Services Public Service + Safety	Agriculture Energy + Natural Resources	Advanced Manufacturing Construction Supply Chain + Transportation	Hospitality, Events, + Tourism Arts, Entertainment, + Design	Financial Services
Teaching Assistant	X	X		X	X	X
Youth Apprenticeship	X	X	X	X	X	X

CAREER BASED LEARNING COURSES

Teaching Assistant
1 semester, No credit
Grades 11-12

This course provides students the opportunity to work closely with a classroom teacher, gaining real hands-on experience in a school setting. It's perfect for students who want to help teachers and support their classmates. To enroll, students need approval from their teacher, school administrator, and counselor.

Youth Apprenticeship
1 year, 1 credit per semester
Grades 11-12

Youth Apprenticeship is the most formalized and structured work-based program offered. The Wauwatosa School District works with the Department of Workforce Development to coordinate and place students in an appropriate setting. The youth apprenticeship program coordinates academic education in the high school with occupational instruction and paid work-based learning. Students must take concurrent coursework to receive credit for a youth apprenticeship. NOTE: 1) The course is graded Pass/Fail; 2) The student may need to assist with seeking out a placement with one or more business / industry partners. Students should speak with their counselor if they are interested in the youth apprenticeship program. Please see the link below for more information on our youth apprenticeship program.
Wauwatosa Youth Apprenticeship Program

CERTIFICATIONS

The Wauwatosa School District provides students with the opportunity to earn Industry Recognized Certifications (IRCs). The following certifications can be earned:

- Certified Nursing Assistant (CNA)
- Level 1 & 2 NRA Foundations Restaurant Management and Culinary Arts
- Prostart
- Career Connections - Level 3 Certificate
- Haas
- Certified Pre-Apprenticeship Program
- OSHA 10
- Seal of Biliteracy
- Global Scholars

Additional information regarding the steps to earning and the benefits of these certifications can be found on this chart.

WORK BASED COURSES

Vocational Skills
1 year, 1 credit
Grades 9-12

This self-contained vocational skills course is designed for high school students working toward alternative achievement standards as specified in their Individualized Education Programs (IEPs). Students will develop foundational work-related skills, living skills that promote independence, and executive functioning skills required for meaningful employment and community participation. Students will engage in hands-on activities and real-world learning experiences that emphasize essential vocational competencies such as job readiness, workplace communication, time management, task completion, safety, and problem-solving. Instruction is individualized and adapted to meet each student's unique abilities and goals, supporting growth in areas like following directions, using tools and technology, and collaborating with peers and supervisors. The course includes exploration of various job settings, basic career planning, and opportunities for community-based instruction and work experiences when appropriate. Emphasis is placed on building self-advocacy, social skills, and practical skills necessary for success in the workplace and daily life. Enrollment in this course is available only through a student's Individualized Educational Plan (IEP) and graded via a pass/fail structure.

WORK BASED COURSES (CONT.)

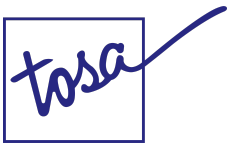
Work Incentive
Grade 12
1 semester: 125 hrs work experience, .5 credit
1 semester: 250 hrs work experience, 1 credit

Work hours must be verified by employer

The purpose of this educational program is to provide an opportunity for high school students in grade 12 to obtain valuable work experience that will assist them in adjusting to the adult world of work and aid in clarifying their occupational goals through actual employment. The Work Incentive Program serves as the state mandate for students "At-Risk".

To be eligible for the program, the student will be enrolled in a minimum of five classes per semester, excluding the Work Incentive Program.

In order to qualify for the Work Incentive Program, the student must be referred by his/her counselor, have parental permission, meet criteria stated in eligibility paragraph above and must be employed. Continued participation in the program and the awarding of credit will be determined by the coordinating counselor. Students will earn .5 credit based on the completion of 125 hours of work experience or 1.0 credit based on 250 hours of work experience per semester which is validated by the employer. Students in this program will be awarded a pass/fail grade.



The Wauwatosa School District does not discriminate on the basis of a person's color, sex, race, religion, national origin, ancestry, creed, pregnancy, marital status, sexual orientation, or physical, mental, emotional or learning disability.