



WEST BEND HIGH SCHOOLS CAREER AND COURSE PLANNING GUIDE

2026 – 2027



TABLE OF CONTENTS

Introduction	2
Policies	3
Programs of Study	7
Dual Enrollment	13
Career Readiness	17
Graduation Requirements	20
Scheduling Information	21
Scheduling Instructions	23
Course Selection Worksheet	24
Course Offerings	
Art	25
Business & Information Technology Education	31
English	38
Family and Consumer Science	43
Math	49
Music	52
Physical Education	56
Science	61
Social Studies	69
Technology and Engineering Education	74
World Language	82
Administration & Counseling	87

INTRODUCTION

The Course Planning Guide 2026-27 is a key tool for planning to make the most of a student's high school experience. This guide is a resource to select courses to ensure students have the credits necessary to graduate, while planning opportunities to explore areas of interest that are aligned to careers that students may want to pursue. This guide contains vital information about all course offerings, career explorations, and opportunities after high school as well as a number of West Bend School District policies.

Together with their parent(s)/guardian(s), students should discuss their plans for college and career after high school completion, then review this guide to select courses that meet the student's academic needs while helping them plan for their future career. Once courses are selected, students will register for those courses electronically. Questions about specific courses or the course selection process can be directed to school counselors, teachers, or high school administrators to gain greater understanding. We hope this guide helps students plan thoughtfully and purposefully for the next year of their education.

POLICIES

ENROLLMENT REQUIREMENTS

The following guidelines are to be used:

- While counselors assist in this process, the student and parent assume responsibility for the ultimate decisions regarding high school academic planning and course selection.
- All students must enroll in at least five (5) academic courses (this includes physical education) per semester. Independent Study is not counted in the five-class requirement. It should be noted that 23 credits are required for students to graduate ([see page 20](#)).
- All students (Grades 9-12) must be in school for all periods each day unless released for School Board approved programs (i.e., Virtual Course, S.W.I.M., Early College Credit, Start College Now, Project Search, Co-Op, and Youth Apprenticeship).

Board Policy 411 states: *“No student will on the basis of race, color, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, sex (including transgender status, gender identity, gender expression, or change of sex), or physical, mental, emotional, or learning disability or handicap, be denied admission to any school in this District or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational, or other program Wis. Stat. 118.13(1). This applies to all of the District’s student policies (Series 400) and instructional policies (Series 300).”*

CALCULATING GRADE POINT AVERAGE (POLICY 345.1)

To calculate your cumulative Grade Point Average (GPA) for class rank on your transcript:

1. Review all your high school grades and credits.
2. Add all points (A=4, B=3, etc.). **Physical Education classes are included in the Grade Point Average for students graduating in 2024 and all subsequent years.
3. Count the number of courses by semester (5 year long courses = 10 semester courses).
Note: A grade with a (+) or a (-) counts for the same as a standard grade. For example a B+, B, and B- all earn 3 points.

Example for figuring GPA for a semester:

Welding	A = 4
Chemistry	B = 3
English II	B = 3
Honors Biology	B = 3
Economics	A = 4
Band	A = 4

21 points ÷ 6 courses = 3.5 Grade Point Average for a semester

MIDDLE SCHOOL STUDENT TAKING HIGH SCHOOL COURSES (POLICY 345.6)

Under Act 138, a school board may count a credit that a student earns in grade 7 or 8 toward the 15 state graduation credit requirements or the 8.5 additional credits that the state superintendent encourages school boards to require from any combination of vocational education, foreign languages, fine arts, and other courses. Therefore, as a result of Wisconsin State Act 138, West Bend School District middle school students taking high school classes have the opportunity to receive credit and will start their high school transcript. High school courses taken while a middle school student will not be factored into the student’s high school grade point average; however, they will appear on the transcript by course name, grade, and the amount of credit awarded toward high school graduation.

COURSE CREDIT - NON WEST BEND HIGH SCHOOL COURSES POLICY

Credit will be considered only for nonsectarian courses* that are graded and transcribed from accredited secondary and post-secondary institutions.

1. If a student is enrolled in West Bend High Schools, the basic 15 credits required by the state for a high school diploma may be taken at another accredited high school or Institution of Higher Education (IHE) only if the following exist:
 - a. Except for approved at-risk programs, AP courses, and dual credit courses, a fully licensed teacher in face-to-face instruction must provide the basic 15 credits required by the state for high school diplomas. Distance learning may be one technique used by the teacher in the classroom only if the course is interactive and may not be the sole technique used. (A distance learning course that is not interactive is considered a correspondence course and may not be used to satisfy the 15 graduation requirements.)
 - b. The course content must overlap a minimum of 80% comparable** with West Bend's courses if it is to satisfy a specific graduation requirement. A verification statement must be signed by the appropriate department leader prior to enrolling in the course. Credit from the IHE will be awarded as follows: For every credit earned at an IHE, one-quarter credit will be awarded at the high school.
 - c. High school credits from another high school will be accepted and transcribed in a manner similar to credits earned in the West Bend High Schools.
2. Students taking courses that do not overlap 80% with one of our required courses, but for which credit is awarded leading to a diploma or a degree at a high school or IHE, will receive elective credit toward graduation. (Community Outreach courses do not count.) Credit from an IHE will be awarded as stated above. (See 1c.)
3. Transfer Students: High school credits earned prior to transfer from another high school will be accepted and transcribed in a manner similar to credits earned in the West Bend Schools.
4. A passing grade is required to count toward graduation credit. All non-West Bend coursework awarded credit will be counted in the grade point average unless noted otherwise or excluded from the GPA in the West Bend Schools. (Beginning with the class of 2024 and continuing forward Physical Education courses will be included in the GPA calculation. Board Policy 345.1 updated April 2020.)
5. It is the student's/guardian's responsibility to request that an official transcript from the institution be sent to the West Bend High Schools in order to have the grade and credit recorded.
6. If class schedule adjustments are needed, the students must follow the add/drop guidelines.
7. *A "course" means study that has the fundamental purpose of developing knowledge, concepts, and skills in a subject.
8. **"Comparable" means that course content, as determined by curriculum guides, expectations, goals, scope, and sequence is 80% equivalent to the content of the proposed course as determined by the course syllabus, if available, and course description.
9. For off-site programs such as Start College Now, Early College Credit, Youth Apprenticeship, and GPS, the district is not required to make or fund transportation arrangements.
10. Credits taken in summer school – The above criteria applies to any courses taken off-campus during the summer.
11. Off-campus seminars (science, foreign language camps, etc.) will require a minimum of 67.5 hours. Students must complete an Independent Study Form (available in the School Counseling Office) with the appropriate teacher and must have written approval from the principal prior to departure. Course number will be dependent upon the department in which the independent study is pursued. Potential half-credit will be evaluated by subject, content, time allotment, and recommendation of the organization offering the seminar. In order to receive credit, students must submit a paper describing experiences. Grades will be pass/fail.
12. No credit is given for Driver Education.

COURSE RETAKE/AUDIT (POLICY 345.1)

Retake of a Course:

- Students will be allowed to retake a class. Both classes will be reflected on the transcript; the class with the lower grade will reflect a grade of NC to indicate No Credit. Repeats for classes that are not failed may be done for a maximum of two credits in a student's high school career. The class being retaken must be completed within one calendar year of the first class enrollment. Students who fail a required course and retake it, will earn a grade of NC for the semester that they failed. There is no limit to retaking required courses that were failed. Courses in which an NC has been earned are not factored into the GPA.
- A student who retakes a class for a higher grade will not be considered for Valedictorian or Salutatorian status unless prohibited by state or federal law. In addition, a student who retakes a class for a higher grade will not be considered for the Academic Excellence or the Technical Excellence scholarships.

Audits:

- Students who wish to increase their knowledge and skill base in a particular subject area without taking the class for credit may audit a course. A student may audit a course as long as there is a seat in the class, and the student is willing to fulfill all of the course requirements. It is recommended that students conference with their school counselor before auditing a course.
- A student who selects to audit a course must follow all add/drop policies and timelines. A student will be allowed to move from audit to credit status within the first quarter of the class.
- The audit is noted on the transcript and labeled as an Audit (name of course). An "NA" would be notated in place of the grade. This does not factor into a student's grade point average.
- A student wishing to audit must have five courses in addition to the course being audited.

HOME BASED PRIVATE EDUCATIONAL PROGRAMS (PROCEDURES FOR PLACING STUDENTS IN WBSD HIGH SCHOOLS)

Grade Level Placement:

- Placement of a student at the high school level shall be according to his/her chronological age when evidence of prerequisite completion of materials in reading, mathematics, social studies, science, and health is presented. For those students seeking placement higher than a ninth grade level, the names of courses taken, course descriptions, time devoted to courses, grades earned, and standardized achievement test scores may be used as evidence of academic accomplishments.
- When evidence of academic accomplishments is not available or is inconclusive, an evaluation shall be required. Such an evaluation shall include assessment in the areas of reading, mathematics, science, and social studies and may involve the use of individual and/or group tests. The school district will determine which staff member will administer the assessment. The Curriculum and Instruction department will facilitate the use of the assessment results for placement into specific classes.

Credits and Grades:

- The Curriculum and Instruction department shall determine awarding of credits to be applied toward high school graduation after reviewing the educational program materials submitted for consideration. Students shall be awarded credits toward graduation only upon verification of successful completion of semester-length courses from secondary-level educational programs, if such courses are normally given credit at West Bend High Schools.
- If the placement is made to the sophomore level or higher, up to a maximum of six and one-half credits shall be allowed toward high school graduation for each of the high school years below the grade level of placement. Home-based instruction credits shall be recorded as pass/fail and accepted in a manner similar to credits earned at the West Bend High Schools. Home-based private educational program grades will not be recorded on a West Bend High School transcript.
- Grades and grade-point averages from home-based instruction will not be used for class rank.
- In the event that the home-based student has attended a recognized and accredited public or private high school for single or multiple years, the credits earned at such a school(s) may be accepted as recorded by said school.
- Parents/guardians may appeal the decision regarding placement and the awarding of high school credits.

VALEDICTORIANS/SALUTATORIANS (POLICY 345.11)

The valedictorian will be the student(s) with the highest grade point average as computed at the end of seven semesters of high school work and qualify for an Honors Diploma (students who take at least 9 credits of classes identified as Advanced Placement, Honors, Project Lead the Way, Transcribed Credit, or Board of Education approved Early College Credit or Start College Now courses during the four years of high school).

The salutatorian will be the student(s) with the second highest grade point average as computed at the end of seven semesters and qualify for an Honors Diploma ([see page 12](#)).

PROGRAMS OF STUDY

VIRTUAL LEARNING OPPORTUNITIES *West Bend Virtual Academy (WBVA)*



The WBSD understands that learning takes place in a variety of situations, environments and locations. The WBSD School Board recognizes virtual education as an appropriate instructional delivery system for students. Through the WBVA, a program within West Bend Schools, the West Bend School District is able to offer a virtual education opportunity to meet the needs of a diverse population of students. Additionally, WBVA allows the district to expand the variety of course offerings for students.

- Virtual Physical Education - Offered through West Bend High Schools:
 - ◇ The instructional delivery model for Physical Education will incorporate both face-to-face and online components. Students will meet over the course of the term with their teacher on site. The commitment for the time and duration of the 9 meetings will be scheduled at the start of the term. Virtual PE course offerings include:
 - Virtual Personal Fitness
 - Virtual Fitness by Design.
- Personal Finance - Offered Through West Bend High School:
 - ◇ Personal Finance is a required class for high school graduation. Students at WBHS have the opportunity to take the same course offered at the high schools in a virtual environment taught by a WBHS teacher.
- West Bend Virtual Academy (WBVA): (courses offered in partnership with a virtual education provider)
 - ◇ The WBSD offers students the opportunity to attend public school at home through the WBVA Program. Students can attend full time virtual courses or a blend of virtual and in-person offerings at the high schools (hybrid). Students who participate in WBVA are eligible for all West Bend clubs, co-curricular, and athletic offerings. Students open enrolled to the district may only participate in the hybrid option. The WBVA offers:
 - High-quality, relevant, interactive courses aligned to state and national standards.
 - Counselor support for course selection to meet graduation requirements in preparation for college and career readiness.
 - AP courses.
 - The ability to choose the time and place of learning (flexibility).
 - A chromebook will be provided to students.

Entrance criteria includes: Successful demonstration of academic skills, record of consistent attendance, commitment from both student and parent to communicate consistently, attendance at orientation and all district required assessments. For more information, and to view the WBVA course offerings, visit www.wbva.org. Students who choose to participate in virtual courses need to examine their personal skills and aptitudes for taking a class online. The following attributes will greatly contribute to a student's success:

- **Time management:** Students must be able to organize and plan their own best "time to learn."
- **Self-motivation:** Students can direct their own learning environment, methods to fulfill course requirements and achieve individual academic success.
- **Independent learner:** The online environment enables students to learn at their own pace, for some students this relieves the stress of feeling rushed or pressured providing enjoyment in the learning process.
- **Computer literate:** Although it is not necessary to have advanced computer skills, students should possess a working knowledge of electronic e-mail and the internet as well as basic keyboarding skills.
- **Effective written communication skills:** The ability to write clearly to communicate ideas and assignments is essential. Students must use electronic e-mail and discussion forums to communicate with their peers as well as the instructors. This method provides the learner with rapid feedback as well as a means to inform instructors of any concerns or problems that they may be experiencing.
- **Personal commitment:** Because there are no bells that begin and end classes, students must have a strong desire to learn and achieve knowledge and skills via online courses. Making a commitment to learn in this manner is a very personal decision and requires a strong commitment from the student and the parent(s)/guardian(s) in order to achieve academic success. Students should plan to spend the same amount of time on coursework and homework as they would in a traditional learning environment.

Overall, the WBSD believes that every individual who has the motivation and self-direction to take a virtual course will achieve success in the virtual environment. Meeting the needs of our individual students is our top priority.

STUDY ABROAD

The West Bend School District supports quality educational opportunities for local students to attend schools in foreign countries. The following guidelines have been established to ensure that students from the West Bend High Schools who attend a school in a foreign country through an approved program will do so in a manner to best maintain progress toward graduation from West Bend High Schools.

- A student wishing to attend school in a foreign country needs to contact his/her school counselor to determine in advance the required courses needed to maintain appropriate progress toward graduation. Prior to June 1, a meeting will be held with the student, the counselor, and the parent(s) to plan and verify graduation requirements. All parties will sign the Intent to Study Abroad Form.
- Any students who participate in an approved foreign exchange program for a period of time equivalent to one or two semesters will be granted credit to apply toward graduation at the West Bend High Schools according to the following stipulations:
 - ◇ Credits earned while participating in an exchange program will be considered elective credits. For students planning on studying in a foreign country their senior year, all courses required for graduation must be taken by the end of their junior year. Possible exceptions may include the fourth credit of English, Phy Ed, or fine/applied arts.
 - ◇ Graduation requirements will not be waived through participation in a foreign study program.
 - ◇ A maximum of six and one-half credits per year may be earned while studying in a foreign country.
 - ◇ Credits will be awarded based upon an evaluation of the foreign school transcript by the counselor and a representative of the World Language Department, if necessary. No credit will be approved prior to the student's presentation of a transcript from the host country. It is the student's responsibility to arrange for and determine that an official copy of transfer records has been received and that official high school records have been properly transcribed. High school credits will be accepted as pass/fail and transcribed in a manner similar to credits earned in the West Bend High Schools.
 - ◇ Grade-point average will not be affected by the credits earned during the foreign exchange program, but due to grade-point changes for other students, class rank may be impacted.
 - ◇ Grades for study in a foreign country will be recorded as pass/fail.
 - ◇ If a student studies abroad during the summer months, the same criteria listed above apply. The student must be in an organized foreign exchange program of at least eight weeks (summer Rotary, AFS, etc.).
- One-half credit may be awarded on a pass/fail basis as an international cultural experience by completing the Independent Study Form (available in the counseling office) prior to June 1, with the appropriate teacher. A minimum of 67.5 hours of participation is required for credit.
- Individual circumstances will be reviewed on a case-by-case basis with appeals to the principal. Credit cannot be awarded for both the cultural experience and academic study.

PARTNERSHIP WITH KEWASKUM SCHOOL DISTRICT

WBHS students have an opportunity to take coursework through the Kewaskum School District. Students must meet the prerequisites for enrollment in any course. In prior years, students have taken courses in the agriculture pathway, including but not limited to: Small Animal Care, Introduction to Agriscience, and Modern Livestock Production. Click on [this link](#) for course description information. Students interested in enrolling courses at Kewaskum High School should contact their school counselor.

INDEPENDENT STUDY

Independent Study is offered to those students who wish to pursue, in depth, an area of curriculum not offered in a regular high school course. Prior arrangements must be made with a teacher in the subject in which you wish to study. An independent study form is available in the school counseling department. The completed proposal must be submitted to the student's school counselor and approved by the principal. A minimum of 67.5 hours is necessary to receive 0.5 elective credits in an independent study.

GPS EDUCATION PARTNERS PROGRAM

Students at West Bend High Schools have the opportunity to participate in an innovative program through the partnership between WBHS and GPS. Students entering their junior or senior year are eligible to apply to the GPS program. Participants in the GPS program spend their day at a partner location. Part of their day, students complete their high school graduation requirements and the other portion of the day students gain on the job experience in a technical field. Students who aspire to pursue a technical career are encouraged to consider this program. More information on the application process is available in the Career Readiness Center, from the high school counselors, or at the GPS website: <https://gpsed.org/>.



COLLEGIATE ATHLETICS COURSE SELECTION REQUIREMENTS

NATIONAL COLLEGIATE ATHLETIC ASSOCIATION (NCAA)

If a student is planning to participate in intercollegiate athletics at a Division I or II college, it is the student's responsibility to be aware of and follow the guidelines for eligibility spelled out by the National Collegiate Athletic Association (NCAA). This means a student athlete who aspires to play at the DI or DII level, must be mindful that they are selecting courses that meet the rigor requirements set forth by the NCAA. Refer to www.ncaa.org for more information. Details of these guidelines can be found in the high school counseling office and the athletic office.

ADVANCED PLACEMENT INTERNATIONAL DIPLOMA (APID)

Advanced Placement International Diploma (APID) is an internationally recognized certificate to honor exceptional student achievement in AP courses throughout the content areas. Students are automatically awarded the APID the year all requirements have been met. A student who desires to earn the AP International Diploma must:

- Enroll in AP courses and earn a score of 3 or better on at least 5 AP exams within each area of study.
- Have at least one of their AP exam scores sent to a university outside the United States.

The AP exam requirements are as follows:

AREA OF STUDY	AP COURSES OFFERED IN WEST BEND
Language *Two exams required	World Languages & Cultures: <ul style="list-style-type: none"> ■ AP French Language and Culture <i>(offered in person at WBHS and through WBVA)</i> ■ AP German Language and Culture ■ AP Spanish Language and Culture <i>(offered in person at WBHS and through WBVA)</i> English <i>(taking both English courses does <u>not</u> count towards APID)</i> <ul style="list-style-type: none"> ■ AP English Literature and Composition <i>(offered in person at WBHS and through WBVA)</i> ■ AP English Language and Composition <i>(offered in person at WBHS and through WBVA)</i>
Global Perspective *One exam required	<ul style="list-style-type: none"> ■ AP Art History <i>(offered in person at WBHS and through WBVA)</i> ■ AP Environmental Science <i>(offered in person at WBHS and through WBVA)</i> ■ AP Human Geography <i>(offered in person at WBHS and through WBVA)</i> ■ AP Macroeconomics <i>(offered in person at WBHS and through WBVA)</i> ■ AP Microeconomics <i>(offered in person at WBHS and through WBVA)</i> ■ AP Psychology <i>(offered in person at WBHS and through WBVA)</i> ■ AP World History: Modern <i>(offered in person at WBHS and through WBVA)</i> ■ AP US Government & Politics <i>(offered in person at WBHS and through WBVA)</i> ■ AP Comparative Government <i>(offered only through WBVA)</i> ■ AP US History <i>(offered in person at WBHS and through WBVA)</i>
Math & Science *One exam required	<ul style="list-style-type: none"> ■ AP Calculus A/B <i>(offered in person at WBHS and through WBVA)</i> ■ AP Calculus B/C <i>(offered in person at WBHS and through WBVA)</i> ■ AP Precalculus <i>(offered in person at WBHS)</i> ■ AP Statistics <i>(offered in person at WBHS and through WBVA)</i> ■ AP Biology <i>(offered in person at WBHS and through WBVA)</i> ■ AP Chemistry <i>(offered in person at WBHS and through WBVA)</i> ■ AP Environmental Science <i>(offered in person at WBHS and through WBVA)</i> ■ AP Physics C: Mechanics <i>(offered in person at WBHS)</i> ■ AP Physics I <i>(offered through WBVA)</i> ■ AP Physics II <i>(offered through WBVA)</i>
Student Choice *One exam required (Language excluded)	Students can choose AP course offerings in the following content areas: <ul style="list-style-type: none"> ■ Fine Arts ■ Math ■ Science ■ Social Studies & History

GLOBAL SCHOLARS PROGRAM

The Global Scholars Program (GSP) prepares high school students in Wisconsin to be workforce and world-ready with global competence. Globally competent students pursue knowledge about the world, value diverse perspectives, communicate across languages and cultures, and take action to improve conditions in our interdependent world.

Global Scholars develop global competence through the following program requirements:

World Language Requirements:

- Three credits of sustained learning in a world language or evidence of language proficiency at or above Intermediate High on the ACTFL scale. English Learners meet the world language requirement by taking 4 credits of academic coursework, facilitated in English.

Global Course Work Requirements:

- Five credits of coursework designed to facilitate global learning.
 - One additional world language credit may be applied toward this requirement.
 - List of qualifying courses:

In-Person Offerings	Credit(s)	Virtual Offerings (through WBVA)	Credit(s)
Global Studies	1.0	Geography	1.0
AP Human Geography	1.0	World History	1.0
AP World History: Modern	1.0	AP Art History	1.0
AP Environmental Science	1.0	AP Environmental Science	1.0
Art Survey: Culture	0.5	AP Human Geography	1.0
Multicultural Culinary Skills	0.5	AP World History: Modern	1.0
World Affairs	0.5	World Religions	0.5
War and Peace	0.5	Art in World Cultures	0.5
Classic and Modern Mythology	0.5	International Business	0.5
		Agri Science 1	0.5
		Biotechnology 1a	0.5
		Biotechnology 1b	0.5
		Anthropology I	0.5
		Anthropology II	0.5
		Marine Science S1	0.5
		Marine Science S2	0.5
		Mythology and Folklore	0.5
		Music Appreciation	0.5
		Social Problems 1	0.5

Cultural Literacy Requirements:

- Eight reflections on global learning and cultural literacy development through reading 4 or more books (fiction or nonfiction), AND including up to 4 learning experiences through art, music, films, podcasts, and community-based cultural events.

Global Community Service Requirements:

- Twenty or more hours of service learning projects related to a global issue.

Co-Curricular and Other School-Sponsored Activities Requirements:

- Active participation/leadership in four, or more, school-based extracurricular and special events with a global focus.

Scan the QR code for program details.

Contact Mrs. Garcia with questions: mgarcia@wbsd-schools.org.



HONORS DIPLOMA PROGRAM

An Honors Diploma will be awarded to students who take a minimum of nine credits of coursework identified as Advanced Placement, Project Lead the Way, Honors, Transcribed Credit, Early College Credit, or Start College Now during the four years of high school. In addition to taking the nine credits, the student's cumulative GPA after 7 semesters must be in the following range:

- Highest Honors: Students who earn 3.9 - 4.0 cumulative grade point average
- High Honors: Students who earn 3.75 - 3.899 cumulative grade point average
- Honors: Students who earn 3.4 - 3.749 cumulative grade point average

The following courses would qualify for the Honors Diploma:

Advanced Placement (AP) Courses:

- AP 2D Art and Design
- AP 3D Art and Design
- AP Art History
- AP Biology
- AP Calculus A/B
- AP Calculus B/C
- AP Chemistry
- AP Computer Science Principles
- AP Computer Science A
- AP Drawing
- AP English Language & Composition
- AP English Literature & Composition
- AP Environmental Science
- AP European History
- AP French Language and Culture
- AP German Language and Culture
- AP Human Geography
- AP Macroeconomics
- AP Microeconomics
- AP Physics C: Mechanics
- AP Precalculus
- AP Psychology
- AP Spanish Language and Culture
- AP Statistics
- AP U.S. Government & Politics
- AP U.S. History
- AP World History: Modern

Honors Courses:

- Biology Honors
- Chemistry Honors
- English I Honors
- English II Honors
- English III Honors
- French IV Honors
- French V Honors - Language, Literature and Culture
- German IV Honors
- German V Honors - Language, Literature and Culture
- Music Theory Honors
- Physics Honors
- Spanish IV Honors
- Spanish V Honors - Language, Literature and Culture
- Wind Ensemble Honors

Project Lead the Way (PLTW) Courses:

- Biomedical Innovations – PLTW
- Civil Engineering & Architecture - PLTW
- Digital Electronics - PLTW
- Engineering Design & Development - PLTW
- Human Body Systems – PLTW
- Introduction to Engineering Design – PLTW
- Medical Interventions – PLTW
- Principles of Biomedical Sciences – PLTW
- Principles of Engineering – PLTW
- Cybersecurity – PLTW
- Computer Science Essentials – PLTW
- AP Computer Science Principles – PLTW
- AP Computer Science A – PLTW

Moraine Park Transcribed Credit (TC) Courses:

- TC Accounting 2
- TC Animation 2
- TC Automotive 1
- TC Automotive 2
- TC Automotive 3
- TC Photography 2
- TC Graphics 2
- TC Metals 2
- TC Video 2
- TC Welding 2
- TC Certified Nursing Assistant
- TC College 101
- TC Computer Hardware and Software
- TC Culinary Arts I
- TC Culinary Arts II
- TC Culture of Healthcare
- TC Computer Literacy
- TC Cybersecurity
- TC Automation
- TC Emergency Medical Technician
- TC Entrepreneurial Strategies
- TC Foundations of Early Childhood
- TC Yearbook
- TC Infant and Toddler Development
- TC Accounting 1
- TC Graphics 1
- TC Web & App Design
- TC IT Fundamentals
- TC Medical Terminology
- TC Principles of Finance
- TC Principles of Management
- TC Principles of Marketing

UW-Oshkosh Concurrent Enrollment Courses:

- Introduction to Education Policy (CAPP)

UW-Whitewater Concurrent Enrollment Courses:

- Introduction to Human Development (PIE)
- Introduction to Special Education (PIE)

DUAL ENROLLMENT

DUAL ENROLLMENT OPPORTUNITIES

The following includes programs through which high school students may earn college credit upon successful end-of-course test scores.

GRADE LEVEL	OPPORTUNITY	DESCRIPTION	COST TO STUDENT	ENROLLMENT PROCESS	IMPORTANT INFORMATION
9-12	Advanced Placement (AP)	Student selects college courses in high school. These classes are taught by the West Bend staff, and students may earn college credit by receiving a 3 or higher on the exam.	\$100 per exam (which is subject to change per College Board)	Student selects these courses during the course selection process.	Each college/university awards the credits earned through AP differently. Please check the AP credit policy for each college/university.
9-12	Project Lead the Way (PLTW)	PLTW provides hands-on, real-world challenging problems to solve in the areas of computer science, engineering, and biomedical science.	Varies	Student selects these courses during the course selection process.	Upon successful completion of the course and admission into a college or university, students are strongly encouraged to talk to the admissions director to determine if credit is awarded.

The following includes a variety of programs through which high school students are enrolled simultaneously in both high school and college to earn high school and/or college credit.

GRADE LEVEL	OPPORTUNITY	DESCRIPTION	COST TO STUDENT	ENROLLMENT PROCESS	IMPORTANT INFORMATION
9-12	Transcripted Courses (TC)	Student selects college courses in high school. These classes are taught by the West Bend staff, and students earn credits through Moraine Park Technical College, UW-Oshkosh and/or UW-Whitewater.	N/A	Student selects these courses during the course selection process.	Credits are recorded on a Moraine Park transcript. These credits may be transferred to another Wisconsin Technical College or four-year university.
9-12	Concurrent Enrollment	Student selects college courses in high school. These classes are taught by the West Bend staff or university staff, and students earn credits through UW-Oshkosh and/or UW-Whitewater.	N/A	Student selects these courses during the course selection process.	Credits are recorded on a UW transcript. These credits may be transferred to a Wisconsin Technical College or four-year university.
9-12	Early College Credit Program (ECCP)	Student selects courses at a University of Wisconsin school, tribal college, or private university/college in the state.	N/A	Student must submit an application to their counselor by March 1 for fall courses and October 1 for spring courses (February 1 for summer courses).	Credits earned are recorded on a transcript. Students are responsible for the cost of the course if they fail. Students are not able to enroll in ECCP and Start College Now in the same semester. Student is responsible for transportation.

11-12	Start College Now (SCN)	Student selects courses at a Wisconsin Technical School	N/A	Student must submit an application to their counselor by March 1 for fall courses and October 1 for spring courses (no summer enrollment).	Credits earned are recorded on a transcript. Students are responsible for the cost of the course if they fail. Students are not able to enroll in ECCP and Start College Now in the same semester. Student is responsible for transportation.
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ADVANCED PLACEMENT PROGRAM

The Advanced Placement (AP) through the College Board allows high school students to challenge themselves academically by taking college-level courses while in high school. Students enrolled in AP courses will be exposed to college-level curriculum, rigor, and expectations for performance with the opportunity to take an AP exam in spring to potentially receive college credits based on their exam score. In general, students are awarded college credits with an earned exam score of 3 or higher. Individual colleges and universities determine the specific number of college credits awarded. Therefore, it is important for students to check the AP Credit Policy for each college and university. The cost of each AP exam is \$100 which is subject to change. The West Bend School District supports access and equity for all students to take AP courses regardless of their college and/or career goals. Exam fees will be waived for students who qualify for Free and/or Reduced Lunch per Wisconsin Statute 120.12 (22).

Students should anticipate a significant amount of time outside the school day to achieve success in AP classes and are encouraged to speak with teachers, school counselors, and parents to ensure a schedule supports a healthy balance of academic rigor and time for involvement in extracurricular activities.

West Bend School District Advanced Placement course offerings include:

**Additional AP courses and exam opportunities may be requested. Please talk with the AP Coordinator or your counselor.*

Art

- AP Art History*
- AP 2-D Art and Design**
- AP 3-D Art and Design**
- AP Drawing**

Computer Science

- AP Computer Science Principles**
- AP Computer Science A*

English

- AP English Language and Composition*
- AP English Literature and Composition*

Mathematics

- AP Calculus A/B*
- AP Calculus B/C*
- AP Precalculus**
- AP Statistics*

Science

- AP Biology*
- AP Chemistry*
- AP Environmental Science*
- AP Physics C: Mechanics**
- AP Physics I***
- AP Physics II***

Social Studies

- AP European History**
- AP Human Geography*
- AP Macroeconomics (offered in person and through WBVA)
- AP Microeconomics (offered in person and through WBVA)
- AP Psychology (offered in person and through WBVA)
- AP U.S. Government & Politics (offered in person and through WBVA)
- AP U.S. History (offered in person and through WBVA)
- AP World History: Modern (offered in person and through WBVA)
- AP Comparative Government (through WBVA)

World Language

- AP French Language and Culture (offered in person and through WBVA)
- AP German Language and Culture
- AP Spanish Language and Culture (offered in person and through WBVA)

*Course offered both in person and through WBVA.

**Course offered in person only.

***Course offered through WBVA only.

DUAL ENROLLMENT PROGRAMS THROUGH UNIVERSITIES/TECHNICAL COLLEGES

In support of the District's mission to prepare all students for college readiness and career success, the West Bend School District invites all students to participate in dual enrollment opportunities. Dual enrollment includes a variety of programs through which high school students are enrolled simultaneously in both high school and college to earn both high school and college credit. These opportunities make college more affordable for families and introduce students to higher level coursework before they immerse themselves in college life.

DUAL ENROLLMENT THROUGH MORAINE PARK

(TRANSCRIPTED CREDIT)



In support of the District's mission to prepare all students for college readiness and career success, the West Bend School District participates in the Career Prep Program through Moraine Park Technical College. The goal of the Career Prep Program is to promote and support high school to college transitions for career and technical education students. Career Prep Program initiatives enhance a high school student's technical and academic skills and provide opportunities for transition to postsecondary education or into the workforce.

Transcripted courses (TC) are Moraine Park Technical College courses:

- Taught by high school teachers using technical college curriculum and textbooks.
- To receive technical college credit, students must meet all requirements and course competencies set by Moraine Park Technical College.
- Follow Moraine Park Technical College's grading policies.
- TC course grades are recorded on a Moraine Park Technical College transcript starting your formal college record. *Credit earned may be transferred to another Wisconsin Technical College and four-year University.
- Career Prep Program courses benefit students because:
 - ◇ Students can earn credits toward a Technical Diploma or Associate Degree while in high school.
 - ◇ Students do not pay a fee for the credits earned including textbooks or tuition.
 - ◇ Students that enroll at Moraine Park Technical College may not have to retake the course because they already received credit for it while still in high school.
 - ◇ Students save both time and money.

The West Bend School District continues to seek out additional Transcripted Credit and Advanced Standing courses which allow our students to earn college credit in high school, preparing them for future college courses.

**Financial Aid at the technical colleges may be impacted by GPA. Remember, if you elect to take a TC Course for credit, your college transcript begins with whatever grade you receive in the course.*

Courses with Transcripted Credit:

Business & Information Technology

- TC Accounting 1
- TC Accounting 2
- TC Advanced Programming
- TC Computer Hardware and Software
- TC Computer Literacy
- TC Cybersecurity
- TC Entrepreneurial Strategies
- TC IT Fundamentals
- TC Principles of Finance
- TC Principles of Management
- TC Principles of Marketing

Family & Consumer Sciences

- TC Culinary Arts I
- TC Culinary Arts II
- TC Infant and Toddler Development
- TC Foundations of Early Childhood Education

General Courses

- TC College 101

Health Sciences

- TC CNA
- TC Culture of Healthcare
- TC Medical Terminology

Technology & Engineering

- TC Animation 2
- TC Automation
- TC Automotive 1
- TC Automotive 2
- TC Automotive 3
- TC Graphics 1
- TC Graphics 2
- TC Metals 2
- TC Photography 2
- TC Video 2
- TC Web & App Design
- TC Welding 2
- TC Yearbook

DUAL ENROLLMENT THROUGH UW-OSHKOSH

(Cooperative Academic Partnership Program: CAPP)

Students who enroll in the UW Oshkosh Cooperative Academic Partnership Program (CAPP) courses will benefit from this convenient and affordable way to earn both high school and college credit, while developing key skills for future success. The current CAPP classes offered at West Bend High School will be offered online or in-person, depending on enrollment.



West Bend High Schools currently offer the following courses through CAPP:

- CAPP Introduction to Education Policy

DUAL ENROLLMENT THROUGH UW - WHITEWATER

(Partnership in Education: PIE)

The PIE program allows high school students to earn college credit while still in high school. Students experience the pace, rigor, and expectations that they will find on a college campus. The current PIE classes offered at West Bend High School will be offered online or in-person, depending on enrollment.



West Bend High Schools currently offer the following courses through PIE:

- PIE Introduction to Human Development
- PIE Introduction to Special Education

EARLY COLLEGE CREDIT PROGRAM & START COLLEGE NOW (POLICIES 343.45 & 343.46)

Early College Credit Program:

- This program allows Wisconsin public and private high school students in grades 9-12 to take one or more courses at an institution of higher education for high school and/or college credit. Under this section, “institution of higher education” means an institution within the University of Wisconsin System, a tribally controlled college, or a private, nonprofit institution of higher education located in the state. Families will want to review the information in Board Policy 343.46 along with the information on the Department of Public Instruction website. Students must notify the district of intent to enroll in the Early College Credit Program by completing an application for their intended courses by March 1 for fall courses, October 1 for spring semester courses, and February 1 for summer courses.

Start College Now:

- This program will allow public and private high school students in 11th grade or 12th grade who meet eligibility requirements the opportunity to take college courses at Wisconsin Technical Colleges. Board Policy 343.45 provides more detail on the program. Families will want to review Start College Now information in [Statute 38.12 \(14\)](#). Students must notify the district of intent to enroll in the Start College Now Program by completing an application for their intended courses by March 1st for fall courses and October 1st for spring semester courses. Note: There are no summer sessions for Start College Now.

CAREER READINESS

POSTSECONDARY PLANNING

High school provides the opportunity for students to explore and enroll in courses that will assist with choosing a career. Selecting courses with a focus allows students to engage in opportunities that will prepare them for college or university studies. Information is provided so that intentional decisions can be made to meet admission requirements. TC courses, AP courses, Early College Credit, Start College Now, and other dual enrollment courses are programs that allow students the opportunity to earn college/university credit in high school at no or little cost.

Technical Colleges:

- Associate Degree, diploma, certificate and apprenticeship programs.
- Take as many courses as possible that are related to your career choice.
- Apply to a technical college as soon as possible after July 1 of the summer preceding grade 12. Some programs will have specific windows of application. Check with your school counselor regarding your particular program. If a program has a waitlist, students may be able to apply as a junior.
- Follow the registration requirements given to you by the technical college upon receipt of your application.
- If interested in earning college credit through SCN (Start College Now) contact your school counselor.

Registered Apprenticeships:

- Meet with your counselor or college & career advisor regarding specific adult apprenticeships.
- Talk with teachers in elective areas related to your adult apprenticeship interests to obtain their advice on how to prepare yourself for apprenticeship competition.

Military:

- Meet with your counselor or college & career advisor regarding the military.
- Meet with the military representatives in the Career Readiness Center.
- Take the ASVAB test.

Four-Year Colleges:

- All freshman and sophomores take a State Assessment in Reading, Math, English, and Science. This test, which takes place during the school day in the spring, is considered good preparation for the ACT exam.
- Juniors may consider taking the PSAT (Preliminary Scholastic Aptitude Test). This is the qualifying test for the National Merit Scholarship Program. Students may need to take the SAT I or SAT II (Scholastic Aptitude Tests) in their senior year or spring of their junior year if the colleges to which they are applying require it. Students are encouraged to talk with their school counselor for guidance.
- All juniors take the ACT (Plus Writing) exam in late winter. Students are highly encouraged to take prep courses for ACT through the high school or outside organizations as these can help you do your best on the exam.
- The UW System and some of the Private College System (WAICU) do not require the ACT for admission. Students, with their guardian(s), determine if/which colleges they would like to receive the ACT scores. It is recommended that students submit ACT test scores to represent their academic achievement.
- A minimum of two years of a single world language is recommended for students planning to attend a 4-year college. The number of years of world language study will depend on the university and program/major of choice. Check with the specific college/university being considered for their requirements.
- If students are interested in earning college credit through Advanced Placement/Early College Credit opportunity, they need to contact their school counselor.

CAREER EXPLORATION OPPORTUNITIES

GRADE LEVEL	OPPORTUNITY	DESCRIPTION	COST TO STUDENT	ENROLLMENT PROCESS	IMPORTANT INFORMATION
11-12	Youth Apprenticeship (YA)	One or two year program where student attends courses and receives on-the-job training	N/A	Student must submit application to the Career Education/ACP Coordinator by end of the first semester of sophomore or junior year. Student must be enrolled in related coursework.	Upon successfully completing the program, student receives high school diploma, TC credit, and state certificate in related industry. Student is responsible for transportation.
12	Cooperative Education Program (Co-Op)	Student attends classes for a portion of the day and in a work environment for the remainder of the day. Student may earn a state certificate of proficiency in the field of employment.	N/A	Student must be enrolled in related coursework. Student selects this during the course selection process.	Students are paid for time working on the job, working an average of 15 hours per week (480 total hours for the year). Student is responsible for transportation.
9-12	Job Shadowing	Student spends a few hours on the job learning by observing and/or interviewing a community partner.	N/A	Student contacts the Career Readiness Center.	Student is responsible for transportation.

YOUTH APPRENTICESHIP

Youth Apprenticeship (YA) is a one or two-year program for 11th and 12th graders that integrates school-based and work-based learning to instruct students in employability and occupational skills defined by Wisconsin industries. Local programs provide training based on statewide youth apprenticeship curriculum guidelines, endorsed by business and industry. Students are instructed by qualified teachers and skilled worksite mentors. Students are simultaneously enrolled in [academic classes](#) to meet high school graduation requirements, two youth apprenticeship related courses, and are employed by a participating employer under the supervision of a skilled mentor.



Students who are enrolled in Level I YA will complete at least 450 hours of employment within their area. They will also be required to successfully complete two semesters of related coursework. There are YA programs available in the following areas:

- Agriculture, Food & Natural Resources
- Architecture & Construction
- Art, A/V, Technology & Communications
- Business
- Education
- Finance
- Government and Public Administration
- Health Science
- Hospitality, Lodging & Tourism
- Human Services
- Information Technology
- Manufacturing
- Marketing
- Science, Technology, Engineering & Mathematics (STEM)
- Transportation, Distribution & Logistics

Upon successful completion of the 1 or 2-year program, students will receive a high school diploma, technical college credit for TC coursework completed (if MPTC registration is completed), two credits for a one-year YA experience (four credits for two years), and a state certificate of occupational proficiency in the related industry.

Transportation to and from the work/school site is the responsibility of the student/parent. Interested students must complete a Youth Apprenticeship application. Priority for job interviews is given to students who complete the application by March 1. Students can request additional information from the Career Readiness Center.

Students interested in this Youth Apprenticeship experience are strongly encouraged to speak to the local YA coordinator to begin the registration process, to ensure enrollment in related coursework, and secure an employer. This contact can be found on the high school websites under "Career Readiness Center."

COOPERATIVE EDUCATION PROGRAM (CO-OP PROGRAM)

The co-op program offers high school seniors a course of study that combines learning in school with learning on-the-job. During the co-op program, students attend classes at the high schools for a portion of the day. The remainder of the day is spent in the work environment where students learn job specific technical and employability skills. In addition to high school credit, a state certificate of proficiency in the field of employment may be earned. Students are paid for the time spent learning and working on the job. A member of the high schools' educational team supervises the work experience. In order to qualify for a co-op experience, a student must be involved in related coursework at the high schools. Please check the individual co-op course for eligibility requirements.

Program Offered:

- Co-Op in the Classroom

JOB SHADOWING

The Job Shadowing program is a personalized or group learning experience at the West Bend High Schools where students have an opportunity to spend a few hours of on-the-job learning by observing and interviewing a community partner. The focus of this program is to provide first-hand information about a career field, to assist students in making a realistic decision about their future, to help students see how classroom experiences transfer to the world of work, and to put an emphasis on completing high school with a strong skill set. Due to the generosity of West Bend and surrounding communities, we are able to provide this valuable experience for students. Contact the Career Readiness Center for more information.

GRADUATION REQUIREMENTS

Students graduating from West Bend East and West Bend West High Schools in the year 2024 and all subsequent classes must attain 23 credits, complete an academic and career plan, and pass the Wisconsin Civics Assessment. The credits must be obtained in high school or from an approved high school level course passed by the student in grades 7 or 8.

CONTENT AREA	REQUIRED CREDITS	REQUIRED COURSES
English	4 Credits	<ul style="list-style-type: none"> English I English II 2 additional credit of English
Math	3 Credits	<ul style="list-style-type: none"> 3 Credits of Math Courses
Science	3 Credits	<ul style="list-style-type: none"> Biology Chemistry 1 additional credit of Science
Social Studies	3 Credits	<ul style="list-style-type: none"> Global Studies (or AP Human Geography) US History (or AP US History) Government & Law (or AP US Government & Politics) Economics (or Business Economics or AP Macroeconomics or AP Microeconomics or AP US Government & Politics)
Physical Education	1.5 Credits	<ul style="list-style-type: none"> Fitness for Life 1 additional credit of Physical Education
Health	0.5 Credit	<ul style="list-style-type: none"> Health and Wellness
Business Education	0.5 Credit	<ul style="list-style-type: none"> Personal Finance
Fine/Applied Arts	0.5 Credit	<ul style="list-style-type: none"> 0.5 credit in any of these areas: Business Education, Family & Consumer Science, Technology & Engineering Education, Music, or Art
Electives	7 Credits	<ul style="list-style-type: none"> Elective courses are an opportunity for students to pursue personal interests.
TOTAL	23 Credits	

Students may graduate in less than four years provided they have met all the graduation requirements. The high school principal must approve all requests for permission to graduate early. Students seeking approval should make a written application through their school counselor during the semester immediately preceding the semester in which they plan to graduate. (Board Policy 345.61)

Students who participate in a sport or in another organized physical activity approved by the school district can complete an additional 0.5 credit in English, social studies, mathematics, science, or health education and waive the final 0.5 credit in physical education.

SCHEDULING INFORMATION

ADDING & DROPPING COURSES

The WBHS master schedule is constructed and faculty hired based on student course requests during the scheduling process. Therefore, this policy is created to give students, parents/guardians, and faculty in the high school an opportunity to make timely, efficient, and informed decisions about students adding and dropping classes.

- Scheduling errors should be called to your counselor's attention as soon as they are discovered. Changes due to errors will be made in the first three days of classes.
- For requests that do not involve an error in a student's schedule, students must meet with their counselor to discuss a possible schedule change.
- We are not able to honor requests to change lunch periods or sections.
- Students requesting a change must meet with their counselor during the first three days of school each semester. Counselors will be available during the school days and until 7 p.m. during the add/drop evenings at the beginning of each semester to discuss a possible schedule change. Meetings during the school day will not take place during a student's class period. Students may schedule a meeting with their counselor when they do not have class.
- Any drops of semester courses after the add/drop period but prior to the end of quarter 1 will result in a "W" (withdrawal) on the student's permanent transcript. After quarter 1, the student will receive an "F" for the semester.
- Dropping a year-long course after the add/drop period but prior to the end of quarter 1 will result in a "W" for first semester with nothing on the transcript for second semester.
- Add/Drop forms will still be used to make schedule changes after the add/drop period and for level changes.

SPECIFIC TEACHER REQUESTS

Requests for a specific teacher should be submitted in writing by the parent(s)/guardian(s) to the building principal at the time the students are selecting courses and no later than the last day of February unless the student is new to the district and enrolling after February 28. Such requests should include a statement as to why the request is the best educational option for the student.

SCHEDULE CHANGES/ENROLLMENT DURING SUMMER

During the summer months, counselors are in the building for four days prior to the return of all staff. Schedule adjustments and course selection for families new to West Bend will occur during these four days. Please contact the Counseling Office at 262-335-5580 to schedule an appointment with your counselor during the summer months.

ADDITIONAL COURSE FEES

Some courses may charge additional instructional fees to defray the cost of projects done as part of coursework. The fees could include class projects the students choose, refundable fees for calculator rental, hats for cooking labs, etc. Many of these fees are optional. Course fees are subject to change, this list reflects the 2025-2026 course fees. Final course fees are approved by the Board each spring. If a student has a financial concern, the counselor should be informed. Costs may vary from year to year; this is an approximation.

SUBJECT AREAS	DESCRIPTION	FEE
English	Theatre Appreciation Theatre Trip	\$15.00
Family and Consumer Science	Culinary Arts I – Chef’s Coat & Chef’s Hat	\$20.00 (Coat) & \$10.00 (Hat)
	Culinary Arts II – Chef’s Coat & Chef’s Hat <i>(may use same coat & hat from Culinary Arts I)</i>	\$20.00 (Coat) & \$10.00 (Hat)
Music	Reeds & Other Instrument Maintenance Supplies	\$4.00 - \$13.00
	Marching Gloves	\$4.00
	Shoes	\$10.00 (Used) or \$40.00 (New)
	Woodwind/Brass Instrument Rental	\$160.00
	Percussion Instrument Rental	\$50.00
	Solo Ensemble Accompanist Fee for Choir	Varies
PE/Health	Lifeguarding Training & Certification Fee	\$140.00**
Science	AP Biology Field Trip	\$5.00-\$15.00
	Safety Goggles (for some classes)	\$3.25
	Project Lead the Way Field Trip Expenses	\$5.00-\$15.00
	CNA Class	\$45.00 (Background Check) \$30.00 (MPTC Application) Scrubs (Cost Varies) \$50.00 (Drug Test)
Technology & Engineering Education	Graphics Course Fees for Printing Projects (T-Shirts, Mugs, etc.)	Varies
	Safety Eyewear (All Manufacturing, Construction, Woodworking, & Automotive Courses require Safety Eyewear)	\$5.00
	Construction 2 Lumber for Projects	Varies
AP Exams	AP Exam Fees	\$100*

*Anticipated to be at this rate and the fee is waived for all families who qualify for [free and reduced meals](#) by also submitting the [sharing waiver form](#).

**Subject to change pending Red Cross final charges.

OTHER SCHOOL FEES & OPTIONAL ITEMS FOR PURCHASE

Below is a list of other fees and items for purchase that are not directly related to specific courses.

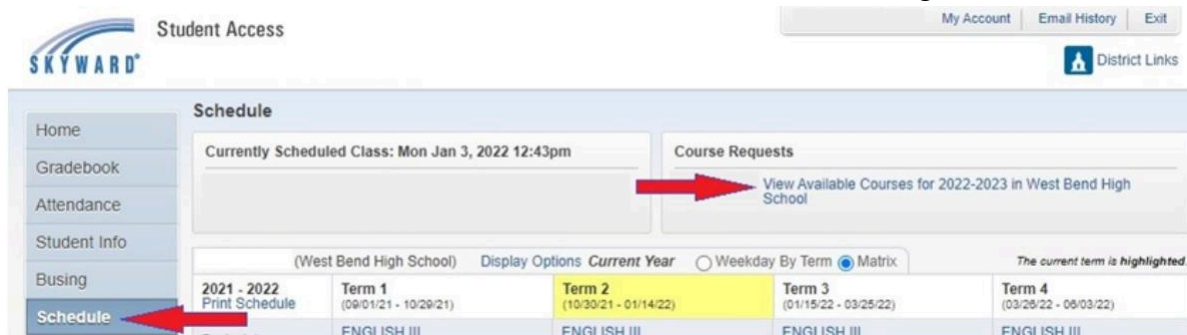
FEE DESCRIPTION	REQUIRED?	AMOUNT	PURPOSE
Instructional Materials Fee	Yes	\$100**	Supplements classroom consumables outside of typical costs
Parking	No	\$125	Parking lot maintenance, supervision, and safety
Yearbook	No	\$60	Cost for production of this document. Cost is subject to change based on pricing from vendor.
Athletics	No	\$150**	WIAA sanctioned sports to help offset costs of the offering
Co-Curricular	No	\$25**	Non-WIAA sanctioned sports to help offset costs of the offering

**Fees waived for families who qualify for [free meal](#) status and decreased to half for [reduced families](#) by also submitting the [sharing waiver form](#).

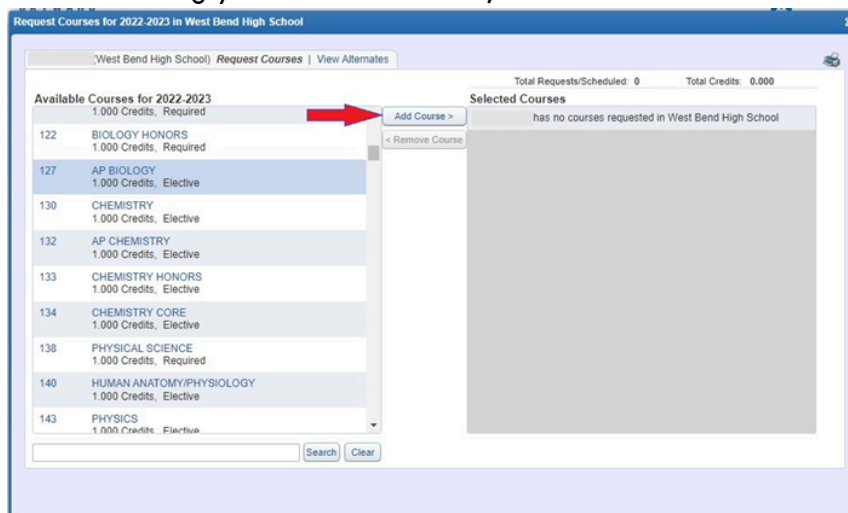
SCHEDULING INSTRUCTIONS

Follow the steps provided below to select courses for the upcoming school year during the Future Scheduling Course Selection dates provided by the counseling office and administration.

- Log into [Skyward Student Access](#) using your Skyward **Student** username & password.
 - ◇ ****Note:** Skyward Student Access - User Names & Passwords were handed out to students at the beginning of the school year. If you do not remember or if you did not receive a Skyward Student Access Log-On, contact the high school office.
- You are now logged into your Skyward Student Access account. This will display only information that is specific to your student information and will allow you to make course selections for on-line scheduling during the course selection window.
- For online scheduling course selections, click on **“Schedule”** on the menu on the left side of your screen. Then click on **“View Available Courses for 2026-2027 in West Bend High School.”**



- On the next screen, click on **“Request Courses.”**
 - ◇ A list of **“Available Courses for 2026-2027”** will be displayed.
 - ◇ Highlight a desired course and click the **“Add Course”** button. The selected course will then be shown on the right-hand side of the screen.
 - ◇ If you know the course number, you may also enter it in the search box on the bottom of the screen and click **“Search.”**
 - ◇ If you want to delete a course, highlight the course in the right-hand column of the screen and click the **“Remove Course”** button.
 - ◇ ****When making your course selections, be sure to refer to the Course Selection Form.**



- ◇ To add alternate course requests, click on **“Request Alternates”** at the top of the screen and follow the same steps as above. Use the up & down arrows to rank preferred alternates.
- When you are finished selecting courses, click the **“X”** in the upper right-hand corner of the screen. Your course selections will be saved and reviewed by your counselor.
- You may now log out of Skyward Student Access by clicking on the **“X”** in the top right-hand corner of the screen.

COURSE SELECTION WORKSHEET

Below is a course planning worksheet for WBHS Students. Students are required to have 23 credits to graduate.

GRADE 9

SUBJECT AREA	COURSE NAME & NUMBER	CREDITS
English		
Math		
Science		
Social Studies		
Phy Ed		
Health		
Elective		
Elective		
Elective		
Elective		
TOTAL	Choose up to 7 credits/year.	

GRADE 11

SUBJECT AREA	COURSE NAME & NUMBER	CREDITS
English		
Math		
Science		
Social Studies		
Phy Ed		
Health		
Elective		
Elective		
Elective		
Elective		
TOTAL	Choose up to 7 credits/year.	

GRADE 10

SUBJECT AREA	COURSE NAME & NUMBER	CREDITS
English		
Math		
Science		
Social Studies		
Phy Ed		
Health		
Elective		
Elective		
Elective		
Elective		
TOTAL	Choose up to 7 credits/year.	

GRADE 12

SUBJECT AREA	COURSE NAME & NUMBER	CREDITS
English		
Math		
Science		
Social Studies		
Phy Ed		
Health		
Elective		
Elective		
Elective		
Elective		
TOTAL	Choose up to 7 credits/year.	

ART

DEPARTMENT MISSION

Art is an essential part of a comprehensive education. The West Bend High Schools Art Department is committed to helping students explore and develop skills and knowledge through four artistic processes: Create, Present, Respond, and Connect. Each of these processes encourages student artists to be innovative in their creative thinking and problem solving while building visual literacy. These artistic processes and standards aim to provide foundational skills and knowledge for students to become college and career ready. All Art courses are aligned to the Career Cluster of Arts, Communication & Information.

CAREER PATHWAYS

- | | | |
|----------------------------|--------------------------|--------------------------|
| ■ Advertising Art Director | ■ Design and Development | ■ Make-up Artist |
| ■ Animator | ■ Dressmaker | ■ Medical Illustrator |
| ■ Antique Dealer | ■ Engineer | ■ Museum Curator |
| ■ Architect | ■ Exhibition Designer | ■ Photographer |
| ■ Art Editor | ■ Fashion Designer | ■ Printing Administrator |
| ■ Art Gallery Curator | ■ Fine Artist | ■ Product Designer |
| ■ Art Therapist | ■ Florist | ■ Prop Maker |
| ■ Ceramics Designer/Maker | ■ Footwear Designer | ■ Set Designer |
| ■ Chef | ■ Furniture Maker | ■ Tailor |
| ■ Community Arts Worker | ■ Furniture Restorer | ■ Tattooist |
| ■ Conservator | ■ Jewelry Designer | ■ Web Designer |
| ■ Costume Designer | ■ Landscape Architect | |

GRADUATION REQUIREMENT

0.5 Credit from Art, Business, Family & Consumer Science, Music, or Technology & Engineering Education

COURSE SELECTION FLOW CHART

Elective
Courses:

Advanced Drawing*	Advanced Handbuilding*	Advanced Jewelry & Art Metals*	Advanced Painting*
Advanced Wheel Throwing*	AP 2-D Art & Design	AP 3-D Art & Design	AP Art History
AP Drawing	Art I*	Art II*	Art Survey: Community
Art Survey: Culture	Art Survey: Identity	Art Survey: Nature	Ceramics & Sculpture
Handbuilding*	Jewelry & Art Metals	Wheel Throwing*	YA: Arts, A/V, Tech., & Communication

* = Course has prerequisites. See course descriptions for details.

** =Other courses may be taken to meet this required credit. See course descriptions for details.

YA =Youth Apprenticeship

COURSE OFFERINGS

ART SURVEY - IDENTITY (630)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Art Survey Identity is an introductory art course designed to teach an overview of different art concepts and skills for all levels, abilities, and post-secondary goals. Students interested in art classes for enjoyment, exploring new creative outlets and without a progression in high level skills are encouraged to enroll in this course. Art Survey Identity is the first of a 4-semester rotating curriculum and may be taken during the 2 year rotation of Art Survey Courses. The curriculum for each semester focuses on different art processes, skills and concepts while maintaining an introductory art experience. Student artists will explore the concept of identity through different art mediums and skills including clay, drawing, design and mixed media. Students will study and embed the Elements of Art and Principles of Design into their work and assessments will be focused on process and problem solving rather than the end result. Students may be asked to furnish some of their own supplies. For students requesting to opt out of Art Survey, the student must have an art portfolio evaluated by a West Bend High School art instructor. *Note: This course is offered for odd school years only. This course will be offered in the 2026-27 school year.*

ART SURVEY - NATURE (631)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Art Survey Nature is an introductory art course designed to teach an overview of different art concepts and skills for all levels, abilities, and post-secondary goals. Students interested in art classes for enjoyment, exploring new creative outlets and without a progression in high level skills are encouraged to enroll in this course. Art Survey Nature is the second of a 4-semester rotating curriculum and may be taken during the 2 year rotation of Art Survey courses. The curriculum for each semester focuses on different art processes, skills and concepts while maintaining an introductory art experience. Student artists will explore the concept of nature through different art mediums and skills including natural materials, painting, observing design and pattern in nature and animal forms. Students will study and embed the Elements of Art and Principles of Design into their work and assessments will be focused on process and problem solving rather than the end result. Students may be asked to furnish some of their own supplies. For students requesting to opt out of Art Survey, the student must have an art portfolio evaluated by a West Bend High School art instructor. *Note: This course is offered for odd school years only. This course will be offered in the 2026-27 school year.*

ART SURVEY - COMMUNITY (632)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Art Survey Community is an introductory art course designed to teach an overview of different art concepts and skills for all levels, abilities, and post-secondary goals. Students interested in art classes for enjoyment, exploring new creative outlets and without a progression in high level skills are encouraged to enroll in this course. Art Survey Community is the third of a 4-semester rotating curriculum and may be taken during the 2 year rotation of Art Survey courses. The curriculum for each semester focuses on different art processes, skills and concepts while maintaining an introductory art experience. Student artists will explore the concept of community through different art mediums and skills including recycled materials, printmaking, public art and functional forms. Students will study and embed the Elements of Art and Principles of Design into their work and assessments will be focused on process and problem solving rather than the end result. Students may be asked to furnish some of their own supplies. For students requesting to opt out of Art Survey, the student must have an art portfolio evaluated by a West Bend High School art instructor. *Note: This course is offered for even school years only. This course will be offered in the 2027-28 school year.*

ART SURVEY - CULTURE (633)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Art Survey Culture is an introductory art course designed to teach an overview of different art concepts and skills for all levels, abilities, and post-secondary goals. Students interested in art classes for enjoyment, exploring new creative outlets and without a progression in high level skills are encouraged to enroll in this course. Art Survey Culture is the fourth of a 4-semester rotating curriculum and may be taken during the 2 year rotation of Art Survey courses. The curriculum for each semester focuses on different art processes, skills and concepts while maintaining an introductory art experience. Student artists will explore the concept of culture through different art mediums and skills including sculpture, wearable art, fibers and collage. Students will study and embed the Elements of Art and Principles of Design into their work and assessments will be focused on process and problem solving rather than the end result. Students may be asked to furnish some of their own supplies. For students requesting to opt out of Art Survey, the student must have an art portfolio evaluated by a high school art instructor. *Note: This course is offered for even school years only. This course will be offered in the 2027-28 school year.*

ART I (641)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): 1 Semester of Art Survey

This is the first of two intermediate level art courses that provides students with opportunities to investigate and explore art through the creation of two-dimensional and three-dimensional projects. Students will build on the art skills and techniques learned in the Art Survey course. Various art techniques, the Elements of Art and Principles of Design will be studied with a strong emphasis on creativity and craftsmanship. Critical thinking and problem solving strategies are stressed as well as aesthetics at an intermediate level. Students will also learn how to display and critique art. Students may be asked to furnish some of their own supplies.

ART II (643)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12 or Approved Portfolio
Prerequisite(s): Art I (641)*

Art II is the second intermediate level course in a progression of art courses that emphasizes the Elements of Art, Principles of Design, and the development of drawing and painting skills. Drawings and paintings will be done in a variety of art media to gain an understanding of how black and white and color are used to define shape, develop form, and show depth. The importance of using higher order thinking skills to plan compositions will also be reinforced and studied. A sketchbook will be used as a storage and development device in this class where students are expected to work independently through project completion. Students will participate in in-progress critiques and final critiques for major projects. Critical thinking and problem solving strategies are stressed as well as aesthetics. Students will also learn strategies to display art. Students may be expected to furnish some of their art supplies.

**Students may not take Art I and Art II during the same semester.*

**Students may not take Art II and Advanced Drawing or Advanced Painting in the same semester.*

ADVANCED PAINTING (645)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Art II (643)*

Advanced Painting builds upon the intermediate techniques and skills learned in Drawing & Painting. The emphasis is on color theory, characteristics, techniques, and processes of different paint media as well as studying different art styles and master artists. As an advanced course, students will work creatively and independently to apply higher order problem solving and critical thinking skills to meet deadlines for projects. Student artists will also display and critique art. Painting mediums include but are not limited to: acrylic, watercolor, and oil paints. Students will keep a sketchbook and develop a body of work that may serve as the beginning stages for students planning to submit an AP Art & Design Portfolio.

**Students may not take Art II and Advanced Painting in the same semester.*

ADVANCED DRAWING (647)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Art II (643)*

Advanced Drawing explores drawing techniques, media, and art concepts at an advanced level. Students taking this course will work creatively and independently, problem solve, and meet deadlines. Student artists will also display and critique art. Drawing mediums used in this class include but are not limited to: pencil, ink, pens, markers, pastels, colored pencils, printmaking, and silver point. Students will keep a sketchbook and develop a body of work that may serve as the beginning stages for students planning to submit an AP Studio Portfolio.

**Students may not take Art II and Advanced Drawing in the same semester.*

ADVANCED PLACEMENT (AP) DRAWING (650)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): See Below*

AP Drawing is an introductory college-level drawing and painting course. Students refine and apply skills and ideas they develop throughout the course to produce drawings and paintings that emphasize the illusion of form and mark making. This course provides the opportunity for students to do college level art work while in high school. AP Drawing is not based on a written exam. Students submit a digital and physical portfolio of work for evaluation at the end of the school year both. At the culmination of the course, student artists organize and exhibit their work in Silver Lining Art Gallery for a community art show. *Cost of the AP exam is \$100, which is subject to change each year.*

**No previous art courses need to have been taken. Students should have a portfolio for approval to take AP. Students must have approval of the high schools' art instructors before signing up for this class. Additional costs include: \$100 for the AP Exam Portfolio Folder and costs associated with preparing the portfolio.*

ADVANCED PLACEMENT (AP) 2-D ART & DESIGN (6502D)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): See Below*

AP 2-D Art and Design is an introductory college-level two-dimensional design course. Students refine and apply skills and ideas they develop throughout the course to produce two-dimensional art and design. This course provides the opportunity for students to do college level art work while in high school. AP 2-D Art & Design is not based on a written exam. Students submit a digital and physical portfolio of work for evaluation at the end of the school year both. At the culmination of the course student artists organize and exhibit their work in Silver Lining Art Gallery for a community art show. *Cost of the AP exam is \$100, which is subject to change each year.*

**No previous art courses need to have been taken. Students should have a portfolio for approval to take AP. Students must have approval of the high schools' art instructors before signing up for this class. Additional costs include: \$100 for the AP Exam Portfolio Folder and costs associated with preparing the portfolio.*

CERAMICS & SCULPTURE (651)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

This course is designed to teach students the general methods of hand building pottery, and provides experience throwing on the potter's wheel. Students learn various sculptural techniques and have the opportunity to create sculptures in clay and other materials. Students will study types of glazes and methods of glazing and surface decoration so they are able to choose surface finishes that will enhance the design of their artwork. Ceramics and sculpture from many art periods are studied through presentations, class discussions, and student research. Students learn strategies for planning their work prior to working with the medium. Critical thinking and problem solving strategies are stressed as well as aesthetics. Students will also develop their skills with art display and critique. *Please Note: It is recommended that students take Art Survey prior to this course.*

HANDBUILDING (654)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Ceramics & Sculpture (651)

Handbuilding is an intermediate art course designed to teach skills and concepts focusing on ceramic and sculptural handbuilding to support growing skill levels, abilities, and post-secondary goals. This course will support the art program as a second-level course in a progression of ceramic-based art classes. Student artists will explore art from different cultures, art history, and multiple handbuilding techniques using clay and other sculptural art mediums. The Elements of Art and Principles of Design will continue to be studied and embedded in projects that were introduced in the beginning level Ceramics and Sculpture course. Students may be asked to furnish some of their supplies.

ADVANCED HANDBUILDING (655)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Handbuilding (654)

Advance Handbuilding is an advanced art course designed to teach skills and concepts focusing on ceramic and sculptural handbuilding to support growing skill levels, abilities, and post-secondary goals. This course will support the art program as a third-level course in a progression of ceramic-based art classes. Student artists will explore art from different cultures, art history, and multiple handbuilding techniques using clay and other sculptural art mediums. The Elements of Art and Principles of Design will continue to be studied and embedded in projects that were introduced in the beginning level Ceramics & Sculpture course. Students may be asked to furnish some of their own supplies.

WHEEL THROWING (656)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Ceramics & Sculpture (651)

Wheel Throwing is an intermediate art course designed to teach skills and concepts focusing on ceramic wheel throwing to support growing skill levels, abilities, and post-secondary goals. This course will support the art program as a second-level course in a progression of ceramic-based art classes. Student artists will explore art from different cultures, art history, and multiple wheel-throwing techniques using clay. The Elements of Art and Principles of Design will continue to be studied and embedded in projects that were introduced in the beginning level Ceramics & Sculpture course. Students may be asked to furnish some of their own supplies.

ADVANCED WHEEL THROWING (657)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Wheel Throwing (656)

Advanced Wheel Throwing is an advanced art course designed to teach skills and concepts focusing on ceramic and sculptural wheel-throwing to support growing skill levels, abilities, and post-secondary goals. This course will support the art program as a third-level course in a progression of ceramic-based art classes. Artists will explore art from different cultures, art history, and multiple wheel-throwing techniques using clay and other sculptural art mediums. The Elements of Art and Principles of Design will continue to be studied and embedded in projects that were introduced in the beginning level Ceramics & Sculpture course and Wheel Throwing. Students may be asked to furnish some of their own supplies.

JEWELRY & ART METALS (662)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Students learn and experience how to design and construct their own original jewelry and sculptures in metal and glass. Introductory skills to construct art from sheet metal and wire as well as fused glass are developed. Critical thinking and problem solving strategies are stressed as well as aesthetics. Students will also learn how to display and critique art. Safety glasses and a sketchbook (8 1/2" x 11" or 9" x 12") are required and may be purchased from the school store. *Please Note: It is recommended that students take Art Survey prior to this course.*

ADVANCED JEWELRY & ART METALS (663)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Jewelry & Art Metals (662)

Students in this course will build on skills and techniques with metal and glass learned in Jewelry and Art Metals. Students will be introduced to the Tiffany method of stained glass. Students will learn about master artists and various art styles and movements in the glass and metal mediums. Students will also display and critique art. This semester course is designed for students who have mastered basic metal and glass techniques and are looking to challenge themselves and improve their aesthetic and technical skills. Safety glasses and a sketchbook are required.

ADVANCED PLACEMENT (AP) 3-D ART & DESIGN (6503D)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): See Below*



AP 3-D Art and Design is an introductory college-level three-dimensional design course. Students refine and apply skills and ideas they develop throughout the course to produce three-dimensional art and design. This course provides the opportunity for students to do college level art work while in high school. AP 3-D Art & Design is not based on a written exam. Students submit a digital and physical portfolio of work for evaluation at the end of the school year both. At the culmination of the course, student artists organize and exhibit their work in Silver Lining Art Gallery for a community art show. *Cost of the AP exam is \$100, which is subject to change each year.*

**No previous art courses need to have been taken. Students should have a portfolio for instructor viewing. Additional costs include: \$100 for the AP Exam Portfolio Folder and costs associated with preparing the portfolio.*

AP ART HISTORY (640)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A



AP Art History is an introductory college-level art history course. Students cultivate their understanding of art history through analyzing works of art and placing them in historical context. Students explore concepts like culture and cultural interactions, theories and interpretations of art, the impact of materials, processes, and techniques on art and art making, as well as understanding purpose and audience in art historical analysis. An art background is not required for this course. *Cost of the AP exam is \$100, which is subject to change each year. Note: This course is only offered every other school year for even school years. This course will be offered in the 2027-28 school year.*

YOUTH APPRENTICESHIP - ARTS, COMMUNICATIONS, & PRINTING (664YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12



This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the Arts, A/V, Technology, and Communications field. See [Youth Apprenticeship](#) section on page 18 for more information.

BUSINESS & INFORMATION TECHNOLOGY EDUCATION

DEPARTMENT MISSION

Our department provides students with an opportunity to engage in relevant career development in the areas of business, marketing, and information technology. Through well designed courses of study, students are guided to develop lifelong skills, knowledge, understanding, and attitudes that prepare them for the world of work.

HIGH SCHOOL OF BUSINESS

The High School of Business program consists of the following six courses: Principles of Business, Business Economics, Principles of Marketing, Principles of Finance, Principles of Management, and Entrepreneurial Strategies (or Business Strategies). Students who successfully complete all six courses with a "C" or higher are eligible to apply for a \$500 scholarship. Students who successfully complete five of the courses with a "C" or higher are eligible to apply for a \$300 scholarship.

CAREER PATHWAYS

Business, Management, & Administration:

- Administrative Services
 - ◇ Administrative Assistant
 - ◇ Computer Operator
 - ◇ Customer Service
 - ◇ Court Reporting
 - ◇ Legal Information Technology
 - ◇ Medical Information Technology
 - ◇ Office Administration
 - ◇ Information Systems
 - ◇ Information Technology Manager
- Business Information Management
 - ◇ Business Administration
 - ◇ Information Technology
 - ◇ Office Technology
 - ◇ Information Systems
 - ◇ Business Systems Analyst
- Human Resources Management
 - ◇ Business Administration
 - ◇ Human Resources Management
- Management
 - ◇ Certified Professional Consultant
 - ◇ Marketing
 - ◇ Entrepreneurship
 - ◇ Finance
 - ◇ Hospitality Management
 - ◇ International Business
 - ◇ Business Management
- Operations Management
 - ◇ Agribusiness Management
 - ◇ Retail Management

Finance:

- Accounting
 - ◇ Bookkeeping
 - ◇ Accounts Payable/Receivable

- ◇ Tax Accountant
- ◇ Financial Officer
- ◇ Chief Financial Officer (CFO)
- ◇ Certified Public Accountant (CPA)
- Banking Services
 - ◇ Client Services
 - ◇ Banking and Finance
 - ◇ Payroll Clerk
 - ◇ Auditor
- Business Finance
 - ◇ Economics
 - ◇ Accounting
 - ◇ Finance
- Insurance
 - ◇ Customer Service Agent
 - ◇ Processing Clerk
 - ◇ Property & Casualty Insurance
 - ◇ Statistics
 - ◇ Actuarial Science
- Securities and Investments
 - ◇ Certified Financial Analyst
 - ◇ Certified Financial Planner

Information Technology:

- Information Support and Services
 - ◇ Cyber Security Specialist
 - ◇ Information Security Engineer
 - ◇ Helpdesk/Microcomputer Support
 - ◇ Database Support
 - ◇ Technical Support
 - ◇ Computer Information Systems
 - ◇ Networking and Cloud
 - ◇ Network Engineer
 - ◇ Technical Support Specialist
 - ◇ Technology Solutions Engineer
 - ◇ Computer Science

- ◇ Computer Engineering
- ◇ Computer Systems Analyst
- ◇ Management Information Systems
- ◇ Telecommunications Management
- ◇ Telecommunications Engineering
- ◇ Network Administrator
- Programming and Software Development
- Computer Programming
- Computer Information Systems
- Computer Software Engineering
- Management Information Systems
- Information Resources Management
- Information Technology System Administration

Marketing:

- Marketing Communications
 - ◇ Business
 - ◇ Marketing
 - ◇ Public Relations
 - ◇ Communications
 - ◇ Management
 - ◇ Sales
 - ◇ Small Business Management
- Marketing Research
 - ◇ Information Systems Management
 - ◇ Data Analyst
 - ◇ Marketing
 - ◇ Economics
 - ◇ Merchandising
 - ◇ Marketing
- Merchandising
 - ◇ Sales
 - ◇ Customer Service
 - ◇ Small Business Management
 - ◇ Management

GRADUATION REQUIREMENT

0.5 Credit - Personal Finance

0.5 Credit from Art, Business, Family & Consumer Science, Music, or Technology & Engineering Education

COURSE SELECTION FLOW CHART

Graduation
Requirements:

Personal Finance

Elective
Courses:

AP Computer Science A PLTW	AP Computer Science Principles PLTW	Business Economics	Computer Science Essentials PLTW
Employability Skills	Principles of Business	TC Accounting 1	TC Accounting 2*
TC Business Strategies	TC Computer Hardware & Software*	TC Computer Literacy	TC Cybersecurity PLTW
TC IT Fundamentals	TC Principles of Finance	TC Principles of Management*	TC Principles of Marketing*
YA: Business	YA: Finance	YA: Marketing	YA: Information Technology

* = Course has prerequisites. See course descriptions for details.

** = Other courses may be taken to meet this required credit. See course descriptions for details.

YA = Youth Apprenticeship

COURSE OFFERINGS

Business Courses:

PRINCIPLES OF BUSINESS (530)

Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): N/A

This group oriented, project-based business course develops student understanding and skills in such areas as business law, economics, financial analysis, human resources management, information management, marketing, operations, and strategic management. Through the use of three projects, students acquire an understanding and appreciation of the business world. They develop a business analysis report, conduct an environmental scan of the local business community, and investigate business activities. Current technology will be used to acquire information and to complete the projects. Throughout the course, students are presented problem-solving situations for which they must apply academic and critical-thinking skills. Formal reflection is an on-going component of the course.



BUSINESS ECONOMICS - SS (532)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A



In Business Economics, a group-oriented, project-based business course, students expand their understanding of how businesses are influenced by external factors that are often beyond their control. Decision matrices are introduced, and the importance and costs of quality are stressed as the world of economics is explored. Throughout the course, students will be presented with current economic problems for which they are asked to determine solutions, such as what business should go on a vacant lot in West Bend. *Note: This class fulfills the Economics requirement for graduation.*

TC ACCOUNTING 1 (513)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A



Transcribed Credit: (4) MPTC - Accounting 1 101-112

TC Accounting 1 is designed to provide students with a foundational understanding of the principles and practices of accounting. This course will cover basic accounting concepts, principles, and techniques used in recording, classifying, summarizing, and interpreting financial data. Students will explore fundamental accounting principles such as the accounting equation, double-entry accounting, and the preparation and analysis of financial statements.

TC ACCOUNTING 2 (514)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): TC Accounting 1 (513)



Transcribed Credit: (4) MPTC - Accounting 2 101-114

TC Accounting 2 is designed to build upon the foundational knowledge acquired in TC Accounting 1. This course delves deeper into complex accounting topics and prepares students for advanced study or careers in accounting, finance, or business. Students will explore advanced accounting concepts, specialized accounting methods, and regulatory requirements applicable to various business entities.

EMPLOYABILITY SKILLS (541)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Success in the workplace requires skills such as confidence, communication, collaboration, honesty, respect, a positive attitude, initiative, goals, and priorities. In this course, students learn the necessary skills from preparing for the interview process to achieving success within their career. Students will identify skills they already possess and skills they still need to develop in order to succeed in the workplace.

TC PRINCIPLES OF MARKETING (533)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Principles of Business (530) or Business Economics (532)



Transcribed Credit: (3) MPTC - Marketing Principles 104-102

Through projects and problem solving, you will get inside marketers' heads and find out what makes them tick. Group projects in this course will challenge you to analyze the business world around you, work through key marketing decisions such as pricing and product image, and use your knowledge to develop a marketing strategy. Students can earn transcribed credit through Moraine Park Technical College upon completion.

PERSONAL FINANCE (561)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Personal Finance is a graduation requirement. Do you want to be in control of your money and make wise decisions with the hard-earned cash you receive? This course will inform students how individual choices influence occupational goals and future earning potential. Real world topics covered include income, money management, spending, and credit as well as saving and investing. Students will design personal household budgets utilizing checking and savings accounts, gain knowledge in finance, debit and credit management, and evaluate and understand insurance and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence.

PERSONAL FINANCE - Virtual (561V)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Do you want to be in control of your money and make wise decisions with the hard-earned cash you receive? This course will inform students how individual choices influence occupational goals and future earning potential. Students will design personal household budgets, utilize checking and savings accounts, gain knowledge in finance, debit and credit management, insurance, and taxes. This course will provide a foundational understanding for making informed personal financial decisions leading to financial independence. This class provides all of the course content in a virtual format. Students will participate in online instruction, discussion, and assignment completion. Students who participate in the virtual class will be most successful if they have strong self regulation, organization, and time management skills in order to stay on pace and complete course requirements. *This class fulfills the Personal Finance graduation requirement.*



TC PRINCIPLES OF FINANCE (534)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

Transcribed Credit: (3) MPTC - Introduction to Finance 101-134

Investing 101. Learning how companies manage their money is important in any business career. In this course, you will face issues that concern financial markets and institutions. This includes how companies get money for improvements, make money, and keep track of money. Throughout the class, you will work in a group to manage a financial portfolio for a large, publicly traded corporation (with pretend money of course). Students can earn transcribed credit through Moraine Park Technical College upon completion.



TC PRINCIPLES OF MANAGEMENT (535)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): Principles of Business (530) or Business Economics (532)

Transcribed Credit: (3) MPTC - Principles of Management 102-120

Principles of Management is a project-based business course that expands student understanding of management. Students acquire an appreciation for aspects of management, such as project management, human resources management, knowledge management, quality management, and risk management. In addition, ethical and legal considerations affecting business activities are stressed, and students develop managerial and supervisory skills through interaction. Students can earn transcribed credit through Moraine Park Technical College upon completion.



TC BUSINESS STRATEGIES (536)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

Transcribed Credit: (3) MPTC - Introduction to Business 102-110

Business Strategies is the capstone course for the High School of Business™ program. It effectively integrates key business concepts such as entrepreneurship, business law, financial analysis, and human resources. Students engage in strategic decision-making, team management, and business planning through hands-on learning experiences. This course has a proven track record of providing students with meaningful preparation for both post-secondary education and careers in business.



YOUTH APPRENTICESHIP - BUSINESS (530YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the business field, specifically Administrative Professional. See [Youth Apprenticeship](#) section on page 18 for more information.



YOUTH APPRENTICESHIP - FINANCE (522YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the business field, specifically Finance and Marketing. See [Youth Apprenticeship](#) section on page 18 for more information.



YOUTH APPRENTICESHIP - MARKETING (520YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the business field, specifically Finance and Marketing. See [Youth Apprenticeship](#) section on page 18 for more information.



Information Technology Courses:

TC COMPUTER LITERACY (565)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Transcribed Credit: (1) MPTC - Computer Literacy 103-159

The Microsoft Suite is the preferred choice of programs for businesses. Students will learn skills in Word, Excel, and PowerPoint through a complete “hands-on” project based class creating strong computer skills for any post secondary plans. Students will be able to earn industry certifications. Students can earn transcribed credit through Moraine Park Technical College upon completion.



TC IT FUNDAMENTALS (575)



Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A
Transcribed Credit: (3) MPTC - IT Fundamentals I 150-107
(3) MPTC - IT Fundamentals II 150-108

Advance skills and knowledge of concepts, terminology, software, hardware, and theory that is expected of information technology learners. This course focuses on concepts and terminology to get students ready for a career in the IT field. In order to better meet business demands for information sharing, integrated technologies are a major component of the program. The online program TestOut prepares students to acquire nationally recognized industry certifications. Students can earn transcribed credit through Moraine Park Technical College upon completion. *Additional outside of class time will be required to earn MPTC Credit.

TC COMPUTER HARDWARE AND SOFTWARE (581)



Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): TC IT Fundamentals (575)
Transcribed Credit: (3) MPTC - Computer Hardware Support 154-117
(3) MPTC - Computer Software Support 154-116

Students will gain a complete, step-by-step approach for learning the fundamentals of supporting and troubleshooting computer hardware and software. Specific topic coverage includes:

- working inside desktop computers and laptops
- supporting processors and upgrading memory
- supporting the power system and troubleshooting computers
- supporting hard drives and other storage devices
- supporting network hardware
- Installing and optimizing windows
- supporting I/O devices, maintaining windows
- supporting customers and troubleshooting windows
- supporting mobile operating systems
- security strategies, virtualization

*Additional outside of class time will be required to earn MPTC Credit.

Students can earn transcribed credit through Moraine Park Technical College upon completion.

TC CYBERSECURITY PLTW (585)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A
Transcribed Credit: (3) MPTC - Principles of Information Security 150-191

PLTW Cybersecurity gives students a broad exposure to the many aspects of digital and information security, while encouraging socially responsible choices and ethical behavior. This course will help prepare students for careers in cybersecurity through an engaging, all-in-one training experience that teaches students how to think like a hacker and perform effective countermeasures. Students will study areas that include network security, system security, applied cybersecurity, and personal security. Students can earn transcribed credit through Moraine Park Technical College upon completion.

Computer Science Courses:

COMPUTER SCIENCE ESSENTIALS PLTW (580)



Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

PLTW Computer Science Essentials will introduce you to the fundamentals of coding, block-based programming, text-based programming, and the creation of usable mobile apps. Students learn about different programming environments and are introduced to the Python programming language.

ADVANCED PLACEMENT (AP) COMPUTER SCIENCE PRINCIPLES PLTW (583)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A



PLTW Computer Science Principles students develop the in-demand computer science skills critical to thrive in any of today's and tomorrow's careers. Using Python as a primary tool, students learn the fundamentals of coding, data processing, data security, and task automation, while learning to contribute to an inclusive, safe, and ethical computing culture. Students will begin the process of writing their own programs to solve a problem or develop a new idea. *As part of this course, students will prepare for the AP Computer Science Principles exam and performance task. *Cost of the AP exam is \$100, which is subject to change each year.*

ADVANCED PLACEMENT (AP) COMPUTER SCIENCE A PLTW (584)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): N/A



PLTW AP Computer Science A is designed as an introductory college-level computer science course. Students develop an understanding of coding through analyzing, writing, and testing code as they explore areas such as modularity, variables, and control structures in programming. Fundamental topics in this course include the design and development of solutions to problems, the use of data structures to organize sets of data, and object-oriented programming using Java along with the analysis of potential solutions and ethical and social implications of computing systems. As part of this course students will prepare for the Computer Science A exam. *Cost of the AP exam is \$100, which is subject to change each year.*

YOUTH APPRENTICESHIP - INFORMATION TECHNOLOGY (565YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12



This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the business field, specifically Information Technology. See [Youth Apprenticeship](#) section on page 18 for more information.

General Electives:

TC COLLEGE 101 (999)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Transcripted Credit: (2) MPTC - College 101 890-101



This is a required course for any student planning to enroll at Moraine Park Technical College after high school. This course develops tools and strategies that support success in college. The course focuses on utilizing Moraine Park websites, online Course Management System and college resources. Student responsibility and expectations for success in college are explored, including learning strategies, goals, lifestyle balance and skills for interdependence. *Please Note: This course counts towards WBHS elective credit.*

ENGLISH

DEPARTMENT MISSION

The mission of the English department is to promote literacy, specifically the ability to read, write, and think critically. This mission includes the cultivation of technological literacy as information retrieval, research, and communication.

CAREER PATHWAYS

- Charity Fundraising
- Content Manager
- Editor and Content Manager
- Freelance Writer/Copywriter
- Grant Writer
- Human Resources Specialist
- Journalist
- Lawyer
- Librarian
- Public Relations
- Publishing Assistant
- Social Media Manager
- Social Work
- Teacher
- Teaching English as a Foreign Language
- Technical Writer

GRADUATION REQUIREMENT

4.0 Credits - Students must complete an English I and an English II and 2.0 credits of English Electives. To help students and parents decide which English leveled course to take, please refer to this general statement and the course descriptions: All English courses at a specific level (I, II, or III) are based on the same standards with some differences in how the course is taught, what literature is used, and the pacing of the course.

- English offers a standard pace and instructional approach as students analyze and apply core concepts to a variety of literature and composition.
- English Honors is more rigorous and independent, requiring a faster pace, and a deeper analysis and application of core concepts to a variety of literature and composition units of study.

COURSE SELECTION FLOW CHART

Graduation Requirements:

English I**

English II**

Elective Courses:

AP English Language/Composition

AP English Literature/Composition

Classic & Modern Mythology

Composition

Creative Writing

English I Honors

English II Honors

English III

English III Honors

Grammar & Usage

Humanities

Modern Literature

Reading Power

Speech

Theatre Appreciation

Writing About Film as Literary Text

* = Course has prerequisites. See course descriptions for details.

** =Other courses may be taken to meet this required credit. See course descriptions for details.

YA =Youth Apprenticeship

COURSE OFFERINGS

Required English Courses:

ENGLISH I (010)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9
Prerequisite(s): N/A

English I is a graduation requirement. English I is a foundation course of the English program. Students will read many different kinds of literature: short story, novel, drama, nonfiction, etc. Major works include *Animal Farm* and *Romeo and Juliet* which will work in conjunction with choice novels about similar topics. During our literary units, students will work on many skills including reading and analyzing different kinds of texts, writing paragraphs and essays, participating in class discussions and presentations, etc. In addition, they will review basic grammar skills, work on building vocabulary, and apply grammar and usage practice to their writing.

ENGLISH I HONORS (009)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9
Prerequisite(s): N/A

This course is designed for highly motivated students with exceptional abilities in verbal and written communication. Higher level thinking skills will be emphasized during the analysis and study of literature, drama, poetry, and essays. Past performance testing criteria and teacher recommendation will be considered when selecting students for this course. Reading is extensive and fast paced with novel options including: *Great Expectations*, *The Odyssey*, *Romeo and Juliet*, *Animal Farm*, and *The Help*, in addition to independent works. *This course fulfills the English I graduation requirement.*

ENGLISH II (018)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10
Prerequisite(s): N/A

English II is a graduation requirement. This course will ask students to read a sampling of literature, including nonfiction, drama, short stories, and novels, with a strong emphasis on theme and rhetoric study. Through these readings students will develop their interpretive and analytical skills. They will also develop argumentative, informative, and research-based writing skills at a 10th grade level. Selected texts include Martin Luther King's "I've Been to the Mountaintop," Malala Yousafzai's speech to the United Nations, Fitzgerald's *The Great Gatsby*, Miller's *The Crucible*, and more. Working with these texts, students will build knowledge, analyze ideas, delineate arguments, and develop writing, collaboration, and communication skills. *Please Note: It is recommended that students take English I or equivalent prior to taking this course.*

ENGLISH II HONORS (017)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10
Prerequisite(s): N/A

This course is designed as a survey of major literary movements and writers of American literature, with particular attention paid to how literature often functions as a response to the social and political events of any given period. Students will learn how to appreciate the craft of literature, with an emphasis on theme and symbolism. Since the foundation of this course is American literature, the most fundamental expectation is that students stay caught up in the assigned reading, on average 15 pages a day. Students develop greater sophistication in their written responses to literature. Primary areas of focus include close reading, the academic paragraph essay, the funnel introduction, organization, and sentence fluency. There will be significant writing assessments throughout the year, including major projects related to theme analysis, theme synthesis, and research. *This course fulfills the English II graduation requirement. Please Note: It is recommended that students take English I or equivalent prior to taking this course.*

Elective English Courses:

ENGLISH III (028)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11
Prerequisite(s): N/A

English III will focus on reading and writing strategies as applied to fiction and non-fiction texts, as well as poetry. The curriculum modules continue to develop students' skills in analyzing complex literary and informational texts as students delve deeply into works by acclaimed authors and historical figures, along with some topical choice reading selections. Through the study of a variety of text types and media, students will continue to develop their skills in comprehending and analyzing complex texts, delineating arguments through speaking and writing, collaborating with others, and evaluating and emulating the craft and structure authors create within their works. *Please Note: It is recommended that students take English II or equivalent prior to taking this course.*

ENGLISH III HONORS (029)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11
Prerequisite(s): N/A

This challenging course for motivated students includes the study of British Literature from the Anglo-Saxon Age through the present time. The course is taught through a humanities perspective. Activities include reading and analysis of literature in the anthology. *Macbeth*, *A Tale of Two Cities*, and other selected literature by great authors. Students are required to write a literary analysis paper each quarter as well as other written assignments and essay tests. The background in literary analysis and writing provided by this course prepares a student for additional study at the college level, including future Advanced Placement English courses. *Please Note: It is recommended that students take English II or equivalent prior to taking this course.*

ADVANCED PLACEMENT (AP) ENGLISH LANGUAGE/COMPOSITION (032)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12 (recommended 11-12)
Prerequisite(s): N/A

AP Language and Composition is a college-level course designed to foster the growth of analytical, argumentative, and rhetorical skills within the college-bound writer. AP Language focuses primarily on the study of rhetoric and its application in argumentative writing. In this course, students will analyze the rhetorical strategies found within a variety of non-fiction mediums, including speeches, letters, articles, short stories, memoirs, novels, and documentaries. Additionally, students will apply those same rhetorical strategies in their own writing and verbal communication to enhance their argumentative skills. Students are encouraged to take the AP exam for possible college credit. *The cost of the AP Exam is \$100, which is subject to change each year. Please Note: It is recommended that students take English II or equivalent prior to taking this course; English II Honors is preferred.*

ADVANCED PLACEMENT (AP) ENGLISH LITERATURE/COMPOSITION (030)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12 (recommended 11-12)
Prerequisite(s): N/A

This is a challenging course for motivated, college-bound students seeking to enter college with highly advanced reading and writing skills. It includes literature from the time of the Greeks to the modern era and is taught through chronological, geographical, and thematic approaches. Students will be reading and discussing the works and philosophies of great authors. In addition to reading and discussing great literary works in a variety of genres, students learn to write analytical essays based on insights and interpretation of these complex texts. This course is designed to prepare students for advanced collegiate level work and for the Advanced Placement exam. Students are encouraged to take the AP exam for possible college credit. *Cost of the AP exam is \$100, which is subject to change each year. Please Note: It is recommended that students take English II or equivalent prior to taking this course; English II Honors is preferred.*

CLASSIC & MODERN MYTHOLOGY (046)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

Classic and Modern Mythology offers the student a look at past and present myths. Students will explore the connection between current science fiction and mythology. This course covers units on ancient Greek, Roman, and Norse mythology and ancient regional mythologies. The course proceeds to examine present-day mythology (current science fiction). Activities include reading and discussing stories and books by ancient mythological authors and current science fiction and fantasy authors, writing creative and expository essays based on readings, and reading and reviewing various short stories and essays. This course will often involve nightly readings to be prepared for the next day's class.

COMPOSITION (058)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

Through this college preparation writing course, students will use strategies that will enable them to develop and refine written communication(s). The course focus is on the writing process, including prewriting, drafting, revising, and editing. This course will provide students with instruction and practice in writing considering audience and purpose. Students will learn how to research, organize, format, and produce written documents. Students will work on fluency, word choice, grammar, usage, research, MLA citation, and mechanics throughout the course.

MODERN LITERATURE (042)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

This course is for students who enjoy reading and discussion and who want to strive to be a lifelong reader. Reading will be required both in and outside of class. This reading will consist of novels which will be grouped into thematic units and span different genres of reading. Thematic Units will serve as the connection between books and students. Students will participate in both book clubs and independent reading to foster connections between literature and the students' worlds. Students should expect to engage in discussion and write in response to works they read. The course will offer students plenty of choice and plenty of time to read and write.

***Letters to parents/guardians will be sent home explaining the choices for each unit and students will not read a book their parents do not approve of.

CREATIVE WRITING (031)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

The various areas of writing covered in this class include descriptive, short story/fiction, poetry, and children's literature. Students will provide their own topics for each writing assignment. Both short-term and long-term activities will be utilized. Examples of short-term exercises include writing daily journal entries as well as evaluating and analyzing excellent writing formulas and techniques used by successful writers. Long-term assignments include longer, more developed writing pieces in varied genres.

GRAMMAR & USAGE (043)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

Proper usage of grammar impacts the accuracy of your communication and is essential to writing in all careers and college. This course offers the opportunity to improve grammatical skills, thus enabling students to become more successful in college and in their career. The primary goal is to enhance and supplement existing grammatical understanding in order to improve writing skills. This course will examine common grammatical techniques and errors, and provide experience with a thorough analysis of sentence structure. A review of formal grammar will lead to an emphasis on usage.

HUMANITIES (050)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

Humanities builds a foundation for students to search personal philosophies and values for greater understanding in order to expand personal viewpoints and to listen to the viewpoints of others. Through the study of art (painting), film, and music, students examine the historical development of man's universal behavior and his appreciation of the fine arts. Analysis of the artistic principles will be stressed and historical emphasis will be placed on creative communication since 1900. Reading, writing, speaking, and listening communication skills will be incorporated into the various course units of study.

READING POWER (026)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): N/A

Students in this personalized course will use their strengths to further develop reading skills to aid their progress in other content area classes. Through the use of novels, essays, and short stories, reading and writing skills and strategies will be enhanced. Students will develop vocabulary skills through specifically designed activities. This course is designed to boost students' reading skills to assist in other courses.

SPEECH (033)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Speech is a course designed to gradually and progressively equip students with the skills, techniques, and attitudes that will enable them to overcome self-consciousness and to become comfortable in formal and informal speaking situations. The students will be required to analyze communications, to interpret written and spoken messages, to create, outline, and organize speeches, and to work in professional group situations. Class activities will provide opportunities to enhance listening skills.

THEATRE APPRECIATION (070)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A
Course Fee: \$15 for Theatre Trip

Students will explore the art of theatre through an exploration of acting, playwriting, designing, and directing. To best appreciate each facet of the art form, students will partake in creative endeavors that include projects connected to each of these units of study. Collaboration and performance will be required in this class. In addition, students will read a number of plays and will be expected to attend two live performances throughout the course of the semester. The theatre experience will challenge students to hone vital communication skills that are essential to the human experience.

WRITING ABOUT FILM AS LITERARY TEXT (040)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

Writing About Film as Literary Text is a rigorous, writing-emphasis course that asks students to examine movies within a literary framework. Students will investigate how film artists use traditional literary methods such as subtext, allegory, and symbolism to explore demanding themes. As writers, students will learn how to identify an author's point-of-view, defend a thesis statement, organize an academic theme paper, and cite textual evidence to support a particular interpretation of a text. As readers, students will practice close reading, evaluate arguments, and respond to nonfiction essays. The course will cover a range of material, both classic and modern, fiction and nonfiction, domestic and foreign, short and feature-length. Mature material may be screened at times, but parental approval will be sought for R-rated films and alternative titles will be made available upon request.

FAMILY & CONSUMER SCIENCE

DEPARTMENT MISSION

The student of today is the parent, provider, and worker of tomorrow. Family and Consumer Sciences provide relevant and engaging educational opportunities to guide students into adulthood, where they will become productive, successful, and contributing members of tomorrow's society.

CAREER PATHWAYS

Culinary:

- Catering
- Contract Food Service
- Dietitian
- Executive Chef/Chef/Sous Chef/Pastry Chef
- Farmer
- Food Critic
- Food Photographer
- Food Production Manager
- Food Research Scientist
- Food Safety Inspector
- Food Stylist
- Hotel and Restaurant Management/Owner
- Institutional Food Manager
- Private Club and Resort Manager
- Purchasing Manager

Design:

- Fashion Designer
- Fashion Stylist
- Fashion Writer
- Game Designer
- Graphic Designer
- Illustrator
- Industrial Designer
- Interior Designer
- Retail Buyer
- Sustainable EcoDesign
- Technical Designer
- Textile Designer
- Urban Designer

Education:

- Assistant/Lead Child Care Teacher
- Child Care Center Director
- Consultant
- Counselor
- Curriculum Development
- Educator
- Head Start Program Specialist
- Licensing Specialist
- Nutritionist
- Pediatrician
- Psychologist
- Special Education Teacher
- Social Worker
- Youth Program Director
- Youth Sports Coach

GRADUATION REQUIREMENT

0.5 Credit from Art, Business, Family & Consumer Science, Music, or Technology & Engineering Education

COURSE SELECTION FLOW CHART

Elective Courses:

CAPP Introduction to Education Policy	Co-Op in the Classroom	Fashion Design & Merchandising*	Interior Design*
Introduction to Teaching & Learning	Introduction to the Designed World	Multicultural Culinary Skills*	Parenting & Child Development
Personal Culinary Skills	PIE Introduction to Human Development	PIE Introduction to Special Education	TC Culinary Arts I*
TC Culinary Arts II*	TC Foundations of Early Childhood Education*	TC Infant & Toddler Development*	Working in the Service Industry
YA: Education	YA: Hospitality, Lodging, & Tourism	YA: Human Services	

* = Course has prerequisites. See course descriptions for details.

** = Other courses may be taken to meet this required credit. See course descriptions for details.

YA = Youth Apprenticeship

COURSE OFFERINGS

Culinary Courses:

PERSONAL CULINARY SKILLS (715)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

This course introduces students to the world of culinary using problem-solving, critical thinking, decision-making, creative discoveries, and hands-on experiences. The course is designed to teach students about nutrition and wellness practices and develop the skills necessary to acquire, handle, prepare, and use foods to meet nutrition and wellness needs. Students will enhance their learning through a variety of labs utilizing foods from each of the units studied. Some topics covered are: Kitchen and Food Safety, Measuring, Microwave Cooking, Grains and Carbohydrates, Fruits and Vegetables, and Dairy and Eggs.

MULTICULTURAL CULINARY SKILLS (719)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Personal Culinary Skills (715)

This course offers a deeper exploration of food preparation with a focus on regional cuisine of the United States as well as many other geographic locations around the world. Similarities and differences are explored to understand the connections that exist among people and the lands that span the globe. Geography, climate, and culture will be used to aid students in gaining a better understanding of the regions. Topics covered within the various cuisines include: geographic and climatic influences, cultural and historical influences, characteristic foods, use of regional herbs, spices and flavorings, food preservation, and cooking techniques, tools, and equipment characteristic of the regions being studied. The course will integrate knowledge, skills, and practices required for food related careers in areas such as food science, dietetics, nutrition, hospitality, tourism and recreation.

TC CULINARY ARTS I (ProStart®) (710)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12 (preference given to 11-12)
Prerequisite(s): Personal Culinary Skills (715); Multicultural Culinary Skills (719) is highly recommended
Course Fee: \$35 (chef's hat and jacket, required)
Transcripted Credit: (1) MPTC - Sanitation and Safety 316-148
(3) MPTC - Culinary Principles 316-102

Culinary I/ProStart® is a career and technical education program that unites the foodservice industry and the classroom to teach high school students culinary skills and restaurant management principles, as well as employability skills such as communication, teamwork, professionalism and time management. Students have the opportunity to become ServSafe Certified Food Managers. This course is the first step toward earning the ProStart Certificate of Achievement. Students who have completed the requirements of the Prostart program are awarded an industry-recognized certificate - the Prostart National Certificate of Achievement. If you are planning a career in food service, having a ProStart® Certificate of Achievement demonstrates to future employers that you have met specific competencies. If your college or university has an Articulation Agreement with ProStart, the Certificate of Achievement may exempt you from some introductory college courses. Students who receive the certificate are eligible for NAEF scholarship opportunities. See your counselor or teacher for more information. Students can earn transcripted credit through Moraine Park Technical College upon completion. Students must turn 16 prior to the Semester 1 exams.



TC CULINARY ARTS II (ProStart®) (711)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): TC Culinary Arts I (710)
Course Fee: \$35*

This course is for students who want to take their culinary and food service management skills to the next level. Students are trained in short order cooking, catering and higher level cuisine. Students work in the school restaurant, The Nifty Nibble. Students plan and cost out the menu, plan and prepare daily specials and complete all the prep work for each week's opening. Catering and other business style events are also included as the opportunities arise. All class participants are members of Home Economics Related Occupations or HERO. This course is the final step toward earning the ProStart® Certificate of Achievement. Students who have completed the requirements of the ProStart program are awarded an industry-recognized certificate - the ProStart® National Certificate of Achievement. If you are planning a career in food service, having a ProStart® Certificate of Achievement demonstrates to future employers that you have met specific competencies. If your college or university has an Articulation Agreement with ProStart®, the Certificate of Achievement may exempt you from some introductory college courses. Students who receive the certificate are eligible for NRAEF scholarship opportunities. See your counselor or teacher for more information. Students can earn transcribed credit through Moraine Park Technical College upon completion. Hair restraints, removal of jewelry, and closed toe shoes are required for all labs. Students can earn transcribed credit through Moraine Park Technical College upon completion. **All students will be required to purchase a hat for \$10.00 as part of their work uniform. Students will also purchase a chef coat from the instructor as part of their uniform for \$20.00. (If students have these from Culinary I/ProStart® I, no fees are required.)*

YOUTH APPRENTICESHIP - HOSPITALITY, LODGING, & TOURISM (716YA)



Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate "school-based" and "work-based" learning and to provide the student with academic and occupational skills in the Hospitality, Lodging, and Tourism field. See [Youth Apprenticeship](#) section on page 18 for more information.

Design Courses:

INTRODUCTION TO THE DESIGNED WORLD (722)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Design occurs anytime you deliberately make things better. When you decide what to wear you are designing your look. When you rearrange the furniture in a room, you are designing. This course will provide you with the knowledge needed to start recognizing the role of design in today's world. Common elements that influence both interior and fashion design will be introduced in this course.

FASHION DESIGN AND MERCHANDISING (721)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Intro to Designed World (722)

This course teaches students all about fashion design. Students will work with the elements and principles of design and apply them to planning and constructing fashion projects. Students will also work with sewing patterns and sewing machines in this class. Students will be required to purchase supplies for projects throughout the semester.

INTERIOR DESIGN (731)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Intro to Designed World (722)

Interior Design is a multifaceted profession in which creative and technical solutions are applied within a structure to achieve an interior environment and home lifestyle enhancement. Topics covered include: understanding floor plans, furniture styles and arrangement, floor covering, window treatments and lighting and wall covering. The use of the foundations of elements and principles of design will be used to create a home design project.

Education Courses:

INTRODUCTION TO TEACHING & LEARNING (724)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

In this course, students are introduced to careers in the education pathways. Students study the fundamentals of teaching and learning, including methodologies, learning styles, questioning techniques, assessment practices, and classroom management strategies. Learning activities, simulations, observations, and experiences in working with children may be included. The class provides a foundation for students interested in working with children in future career areas and provides an opportunity to demonstrate leadership, citizenship, and teamwork skills required for success in the school environment.

PARENTING & CHILD DEVELOPMENT (726)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

This class provides hands-on activities and practical lessons that help students understand the characteristics and developmental stages of children from conception to age six. Students will be exposed to skills and strategies that enhance and enrich interactions with young children in a family or childcare setting. Students will learn that taking care of children is one of the most important responsibilities an individual can have. As a cumulative final project, students will implement content learned throughout the course by completing a practical experience. During this learning experience, students will create and execute lesson plans for children.

TC FOUNDATIONS OF EARLY CHILDHOOD EDUCATION (727)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): Parenting & Child Development (726)

Transcribed Credit: (3) MPTC - Foundations of Early Childhood Education 307-148

This course introduces students to the early childhood profession. Students will investigate the history of early childhood education, summarize types of early childhood education settings, identify the components of a quality program, and explore early childhood curriculum models. Off-site and school based observation and teaching experiences are integrated into the curriculum. Personal professional development, including interpersonal skills, will be incorporated into lessons and activities. Students can earn transcribed credit through Moraine Park Technical College upon completion. Students can receive Assistant Child Care Teacher (ACCT) certification from the Wisconsin Department of Public Instruction and Mandated Reporter Training Certification through Wisconsin Child Welfare Professional Development Systems. *Note: A Student must be 17 years of age or older upon course completion to earn ACCT certification and be eligible for entry-level employment status in the early childhood education field. Students must have transportation for offsite observations.*



TC INFANT & TODDLER DEVELOPMENT (728)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 11, 12

Prerequisite(s): Parenting & Child Development (726)

Transcribed Credit: (3) MPTC - Infant & Toddler Development 307-151

Students will study infant and toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives; analyze development of infants and toddlers (conception to three years); correlate prenatal and postnatal conditions with development; summarize child development theories; analyze the role of heredity and the environment; examine culturally and developmentally appropriate environments for infants and toddlers; examine the role of brain development in early learning (conception through age three); examine caregiving routines as curriculum. Offsite based observations and teaching experiences are integrated into the curriculum. Students will learn about Shaken Baby Syndrome. Students can earn transcribed credit through Moraine Park Technical College upon completion.

PIE INTRODUCTION TO HUMAN DEVELOPMENT (729)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 11, 12

Prerequisite(s): N/A

Transcribed Credit: (3) UW-Whitewater - Introduction to Human Development

Students will study human development and all the changes throughout an entire lifespan, including physical, social, and cognitive developmental change. Students will apply this understanding of human development to their own personal health and well-being. *Note: Students may earn three (3) credits at UW-Whitewater. *Based upon enrollment, this course may be offered virtually or in person.*

PIE INTRODUCTION TO SPECIAL EDUCATION (730)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 11, 12

Prerequisite(s): N/A

Transcribed Credit: (3) UW-Whitewater - Introduction to Special Education

Students will examine their own conceptions, assumptions, and attitudes related to students with exceptional needs. The class will explore issues and perspectives related to children, adolescents, and young adults with a variety of abilities. Students will learn how to create learning experiences that include a variety of learning styles in the general education environments. *Note: Students may earn three (3) credits at UW-Whitewater. *Based upon enrollment, this course may be offered virtually or in person.*

CAPP INTRODUCTION TO EDUCATION POLICY (732)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 11, 12

Prerequisite(s): N/A

Transcribed Credit: (3) UW-Oshkosh - Introduction to Education Policy

For more than thirty years, public education policy in the United States has become a part of the public discussion. U.S. media is dominated by doom and gloom stories, and pessimistic assessments of U.S. students in international education rankings, and other failings of the U.S. public education system. This course will help learners scrutinize media accounts and public policy proposals for accuracy, bias and potential for effectiveness. By understanding how to critically examine a variety of claims, and learn about ways citizens can influence public policy, students will have a better capacity to engage in community life. This course is required for all Elementary Education majors at UW-Oshkosh and transfers to many other colleges. *Note: Students may earn three (3) credits at UW-Oshkosh. *Based upon enrollment, this course may be offered virtually or in person.*

CO-OP IN THE CLASSROOM (734)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 12
Prerequisite(s): Introduction to Teaching and Learning (724)

This work-based learning experience provides students with the opportunity to assist teachers with various teaching tasks and assist with whole group and/or small group instruction. This opportunity is only available during school hours and within the West Bend School District. Students will apply 21st Century Skills of Communication, Collaboration, Critical Thinking, and Creativity to assist teachers with classroom preparation, classroom organization, classroom management, and instruction.

YOUTH APPRENTICESHIP - EDUCATION (735YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the education field.. See [Youth Apprenticeship](#) section on page 18 for more information.



Service Industry Courses:

WORKING IN THE SERVICE INDUSTRY (718)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

This course examines the role of relationships when working within a community. Students will implement strategies when working with diverse families and communities in the service industry. Students will analyze trends in the community, utilize effective communication strategies, advocate for children and families, and work collaboratively with community resources.

YOUTH APPRENTICESHIP - HUMAN SERVICES (720YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the Human Services field. See [Youth Apprenticeship](#) section on page 18 for more information.



General Electives:

TC COLLEGE 101 (999)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Transcripted Credit: (2) MPTC - College 101 890-101

This is a required course for any student planning to enroll at Moraine Park Technical College after high school. This course develops tools and strategies that support success in college. The course focuses on utilizing Moraine Park websites, online Course Management System and college resources. Student responsibility and expectations for success in college are explored, including learning strategies, goals, lifestyle balance and skills for interdependence. *Please Note: This course counts towards WBHS elective credit.*



MATH

DEPARTMENT MISSION

WBHS students will be challenged to develop skills in problem solving, analysis, reasoning, creativity and perseverance as they gain knowledge of mathematics. The Math Department maintains high academic and behavioral expectations to prepare students for their next steps.

CAREER PATHWAYS

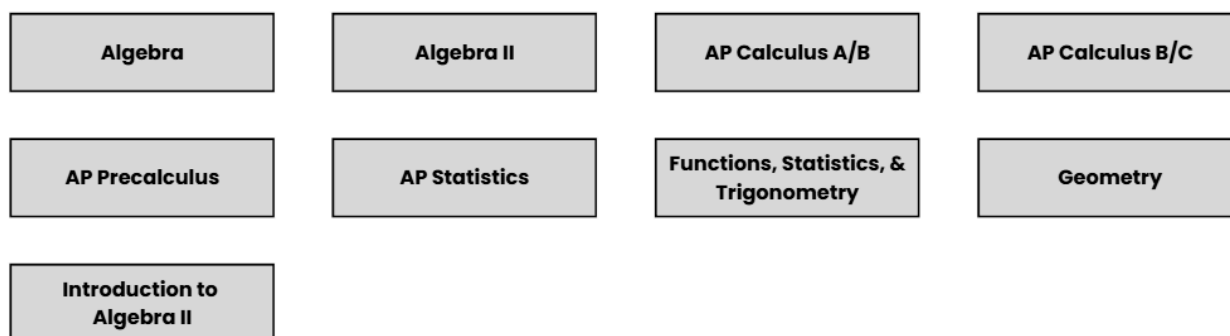
- | | | |
|-----------------------|--------------------------|------------------------|
| ■ Accountant | ■ Data Scientist/Analyst | ■ Machinist |
| ■ Actuary | ■ Construction Manager | ■ Market Researcher |
| ■ Architect | ■ Electrician | ■ Medical Professional |
| ■ Carpenter | ■ Engineer | ■ Teacher |
| ■ Computer Programmer | ■ Financial Advisor | ■ Video Game Designer |

GRADUATION REQUIREMENT

3.0 Credits of Mathematics

COURSE SELECTION FLOW CHART

Elective
Courses:



* = Course has prerequisites. See course descriptions for details.

** = Other courses may be taken to meet this required credit. See course descriptions for details.

YA = Youth Apprenticeship

COURSE OFFERINGS

ALGEBRA (316)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9
Prerequisite(s): N/A

This course focuses on the following topics: developing fluency with solving linear equations, inequalities, and systems; solving quadratic equations; exploring linear, quadratic, and exponential functions graphically, numerically, symbolically and as sequences; and using regression techniques to analyze the fit of models to distributions of data. Students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing expertise and ideas. Graphing calculator (TI-84 or similar) recommended but NOT required.

GEOMETRY (320)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Algebra (316) (can be taken concurrently)

This course focuses on the following topics: establishing triangle congruence criteria using rigid motions and formal constructions and building a formal understanding of similarity based on dilations and proportional reasoning, the concepts of formal proof, exploring the properties of two and three dimensional objects, working with 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. Students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing information, expertise, and ideas. Graphing calculator (TI-84 or similar) recommended but NOT required.

INTRO TO ALGEBRA II (317)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Algebra (316) and Geometry (320)

Fundamental skills of mathematics will be applied to such topics as functions, equations and inequalities, probability and statistics, logarithmic and exponential relationships, quadratic and polynomial equations, and matrices. Technology will be used to introduce and expand upon the areas of study listed above. Use of graphing calculators will be incorporated into each unit of study.

ALGEBRA II (324)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Algebra (316)

This course focuses on the following topics: developing fluency with solving higher degree equations, inequalities, and systems; exploring parent functions graphically, numerically, symbolically and as sequences; exploring analytical mathematical skills such as logarithms, trigonometry, and 3-dimensional representations; and using regression techniques to analyze the fit of models to distributions of data. Students use problem-solving strategies, questioning, investigating, analyzing critically, gathering and constructing evidence, and communicating rigorous arguments justifying their thinking. Students learn in collaboration with others while sharing expertise and ideas. Graphing calculator (TI-84 or similar) is recommended for this course. *Please Note: It is recommended that students take Geometry prior to this course or concurrently with it.*

FUNCTIONS, STATISTICS, & TRIGONOMETRY (331)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Intro to Algebra II (317)

Topics covered include: linear, quadratic, logarithmic, exponential, and sinusoidal models. Additional units will include in depth discussion of statistical concepts, analysis of unit circle, and trigonometry concepts. This class will best meet the needs of college bound students who will need college algebra or statistics. Students will become more proficient in algebra, geometry, statistics, and trigonometry. Graphing Calculator (TI-84 or similar) is strongly suggested. *Please Note: It is recommended that students take Algebra II prior to this course.*

ADVANCED PLACEMENT (AP) PRECALCULUS (327)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): Algebra II (324)

Students build deep mastery of modeling and functions, and they examine scenarios through multiple representations. The course framework outlines the fundamental content and skills commonly taught in college precalculus courses and are essential for pursuing careers in mathematics, physics, biology, health science, social science, and data science. Cost of the AP exam is \$100, which is subject to change. *Please Note: It is recommended that students take Geometry prior to this course.*



ADVANCED PLACEMENT (AP) STATISTICS (347)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): Algebra II (324)

The purpose of this course is to introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes. Students who successfully complete the course and the AP examination may receive credit and/or advanced placement for a one-semester introductory college statistics course. The AP exam is approximately three hours long and has two parts – multiple choice and free response. The exam covers each course topic area:

- Exploring Data: Describing patterns and departures from patterns (20%–30%)
- Sampling and Experimentation: Planning and 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%)

Graphing calculator (TI-84 or similar) is required for this course. *Cost of the AP exam is \$100, which is subject to change each year. Please Note: It is recommended that students take Geometry prior to this course.*

ADVANCED PLACEMENT (AP) CALCULUS A/B (330)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Precalculus Honors (326) or AP Precalculus (327)

Calculus A/B is an advanced placement course that develops students' understanding of the concepts of limits, derivatives, and integrals, and provides experience with the methods and applications of these concepts. The class emphasizes a multi-representational approach to calculus through geometric, numeric, analytic, and verbal representations. One goal of this course is to prepare students for the AP Calculus A/B exam in May. Instruction provides the opportunity for students to enhance their understanding of concepts and the applications of skills through the use of technology. Students must have a graphing calculator for this course. The recommended calculator model is the TI-84 CE. *Cost of the AP exam is \$100, which is subject to change each year.*

ADVANCED PLACEMENT (AP) CALCULUS B/C (332)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): AP Calculus A/B (330)

AP Calculus B/C is an advanced placement course that covers topics typically covered in a second semester college calculus course. AP Calculus B/C is taken after successfully completing AP Calculus A/B. The class emphasizes a multi-representational approach to calculus through geometric, numeric, analytic, and verbal representations. One goal of this course is to prepare students for the AP Calculus B/C exam in May. Students must have a graphing calculator for this course. The recommended calculator model is the TI-84 CE. *Cost of the AP exam is \$100, which is subject to change each year.*

MUSIC

DEPARTMENT MISSION

Our mission is to educate all students, regardless of musical ability, to establish a strong foundation in music performance, knowledge, and appreciation. Our students will create a personal and permanent connection to music, and become independent learners in order to continue personal growth beyond high school.

CAREER PATHWAYS

- Instrument Maker/Repair
 - Live Sound Engineer
 - Music Arrangement
 - Music Business/Management
 - Music Composition
- Music Educator
 - Music Engraver
 - Music Journalist
 - Music Production/Technology
 - Music Publishing
- Music Theatre
 - Music Therapist
 - Music Transcription
 - Professional Music Performer

GRADUATION REQUIREMENT

0.5 Credit from Art, Business, Family & Consumer Science, Music, or Technology & Engineering Education

COURSE SELECTION FLOW CHART

Elective
Courses:

Chamber Strings*	Choral Union*	Concert Band	Concert Choir*
Concert Orchestra	General Music Theory	Mixed Choir	Music Theory Honors*
Philharmonic*	Symphonic Band*	Vivace!*	Wind Ensemble Honors*

* = Course has prerequisites. See course descriptions for details.

** = Other courses may be taken to meet this required credit. See course descriptions for details.

YA = Youth Apprenticeship

COURSE OFFERINGS

Band Courses:

CONCERT BAND (617)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): Middle School Band (8th Grade) or audition and instructor consent

This course is designed for incoming freshmen who have been in middle school (8th grade) band, or who have had at least two years of formally-trained private lessons with a certified instructor. The course objectives include tone production, tuning, articulation, rhythm accuracy, and further enhancement of technical ability. Adjunct activities include sectionals, clinics, solo & ensemble festivals, as well as required evening concerts, private lessons, pep band, and band festival. There will be a fee for reeds (if applicable), and other instrument-specific supplies (such as drum sticks, oils, cleaning supplies).

SYMPHONIC BAND (602)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 10, 11, 12

Prerequisite(s): 9th Grade Concert Band or audition and instructor consent

This course is designed to advance a student's interest in instrumental music. Students in Symphonic Band must have taken 9th grade Concert Band prior to enrolling in this ensemble. Band members will be offered performance opportunities with a wide variety of literature. The emphasis will be placed on developing good tone, articulation, technique, interpretation, and a general understanding and appreciation of all music. Membership in the Marching Band during the first and fourth quarters is automatic. Adjunct activities include evening concerts, private lessons, solo ensemble festival, parades, pep assemblies, a football halftime field show and pep bands. There will be a fee for gloves, marching shoes, reeds (if applicable), and other instrument-specific supplies (such as drum sticks, oils, cleaning supplies).

WIND ENSEMBLE HONORS (604)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 10, 11, 12

Prerequisite(s): Registration and audition placement in symphonic band

Wind Ensemble Honors is a group ensemble with advanced knowledge and skills who perform the most challenging repertoire for the high school and college levels. Members of the Wind Ensemble Honors are exposed to a wide variety of literature from which they can expand artistic and cultural horizons while also gaining a broader understanding of music theory and music history. Must have the ability to attend evening performances. Students must audition for this course and should coordinate with the band director to schedule an audition and determine their placement into Wind Ensemble. There will be a fee for gloves, marching shoes, reeds (if applicable), and other instrument-specific supplies (such as drum sticks, oils, cleaning supplies).

Choir Courses:

MIXED CHOIR (609)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): N/A

This is a vocal exploration course for students at a foundational level. This course is designed to allow all students to explore music through diverse activities and experiences in the classroom setting with flexible performance opportunities. Designed for those who will benefit from optional or day-time performance opportunities, this course will focus on meeting each student at his or her skill level while exploring a variety of musical genres and settings. Students will use the elements of music to listen, sing, and create music in a collaborative and engaging environment. This course is open to all students. Activities include written assessments, day-time performances, and projects. Students must have the ability to vocalize and attend quarterly evening performances.

CHORAL UNION (610)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): Recommendation from previous music teacher and/or audition or interview process

Choral Union is an auditioned choir for freshmen and any students that are ready to advance their foundational singing and music theory skills in a performance-based class. This course will explore a variety of choral music while developing tone quality, breath support, intonation, expression, and advanced musicianship skills. Requirements include: ability to identify and reproduce advanced rhythmic patterns, identify and reproduce advanced melodic patterns, proficiently read high school level music, exhibit appropriate rehearsal skills of a performing ensemble, and attend all required performances. Activities include written assessments, quarterly performances, field trips, projects, and small group lessons. Students must have the ability to vocalize and attend quarterly evening performances.

CONCERT CHOIR (612)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 10, 11, 12

Prerequisite(s): 1 Year experience in Mixed Choir or by audition or interview process

This course is for students who are fluent in music-reading and basic music theory, have refined vocal production, who demonstrate appropriate conduct within a performing ensemble, and who are attentive to minute choral details. Singing and performing components such as tone, diction, musicianship, interpretation, music history, balance, and blend are emphasized. The ensemble performs mostly classical Western choral music. Advanced music theory is introduced through repertoire, direct instruction, and sight-reading. Learning is monitored through a variety of assessments, including a solo performance and creative projects. Activities include evening concerts, individual lessons, large group festivals, field trips, and District and State Solo & Ensemble. Choir consists of a proportion of at least $\frac{1}{3}$ male voices. Students must provide their own black shoes for performances. **Students may not select this course initially on the course selection sheet. They must audition to be placed into the Concert Choir.

VIVACE! (619)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 10, 11, 12

Prerequisite(s): 1 Year experience in Mixed Choir or by audition or interview process

This course is for students who are fluent in music-reading and basic music theory, have refined vocal production, demonstrate appropriate conduct within a performing ensemble, and can easily grasp choreography. Singing and performing components such as tone, diction, musicianship, interpretation, and stage presence are emphasized. The ensemble performs a variety of vocal music including classical Western choral music, Barbershop arrangements, and show choir repertoire. Advanced music theory is introduced through repertoire, direct instruction, and sight-reading. Learning is monitored through a variety of assessments, including a solo performance and creative projects. Activities include concerts, individual lessons, large group festivals, field trips, and District and State Solo & Ensemble. Must have ability to vocalize and attend quarterly evening performances and field trips outside of the school day. Students must provide their own black shoes for performances. **Students may not select this course initially on the course selection sheet. They must audition to be placed into Vivace!

Orchestra Courses:

CONCERT ORCHESTRA (615)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): Middle School Orchestra (8th Grade) or audition and instructor consent

This course offers the opportunity to study and perform a wide variety of music with a string orchestra. Continuing instruction is offered on violin, viola, cello, and string bass. Emphasis will be placed on developing proper performance technique, tone, intonation, rhythmic accuracy, musical interpretation, appreciation for varied styles of music, and basic music theory. Activities include concerts in and out of school, evening concerts, solo & ensemble, festivals, and clinics.

PHILHARMONIC (616)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 10, 11, 12

Prerequisite(s): Concert Orchestra (9th Grade) or audition and instructor consent

This course is designed to advance students' interest, technique, and musicianship. More advanced and mature literature will be studied comprehensively, and a variety of styles and genres will be performed to develop a well-rounded musician and performer. Students will continue to advance their understanding of music theory concepts and ensemble skills. Activities will include concerts in and outside of school, evening concerts, solo & ensemble, festivals, and clinics.

CHAMBER STRINGS (614)**Course Length:** One Year**Credit(s):** 1.0**Grade Level(s):** 10, 11, 12**Prerequisite(s):** Concert Orchestra (9th Grade) and audition placement

Chamber Strings is an audition-only ensemble, admitting orchestra students who demonstrate an advanced ability on their instrument. Students will study advanced string repertoire of the collegiate level and up. Emphasis is placed on a higher level of student ownership of their practice and learning, advanced music theory as it relates to the music, making decisions important to the emphasis of musical concepts, and higher level of ensemble playing and listening skills. Activities include concerts in and out of school, evening concerts, solo and ensemble, festivals, and clinics. Students of Chamber Strings also perform additional concerts on their own featuring professional soloists, and they perform for other community events throughout the year.

General Music Courses:**GENERAL MUSIC THEORY (603)****Course Length:** One Semester**Credit(s):** 0.5**Grade Level(s):** 9, 10, 11, 12**Prerequisite(s):** N/A

General Music Theory builds on a foundation of music knowledge established in Choir, Orchestra, and Band experiences. This background is essential to success in General Music Theory. Exceptions are made with the consent of the teacher based on prior experience with piano lessons or similar instruction. General Music Theory teaches the understanding of music components and their construction as well as how to use those elements to create, interpret, and analyze music. The course ranges from initial note-reading in three clefs to chord construction and an introduction to formal analysis.

MUSIC THEORY HONORS (601)**Course Length:** One Semester**Credit(s):** 0.5**Grade Level(s):** 9, 10, 11, 12**Prerequisite(s):** General Music Theory (603)

This course, which is a continuation of General Music Theory, is designed to help students prepare for music engagement after high school such as, but not limited to, college-level music coursework. Students will further develop music theory skills studied in General Music Theory such as interval and chord recognition by exploring chordal analysis both written and aural. Students will explore music by analyzing written music as well as practice skills by composing music of their own. Students who wish to take the AP Music Theory exam may prepare for the exam through Honors Music Theory course content along with individualized study materials provided by the teacher. *Note: This course is offered for even school years only. This course will be offered in the 2027-28 school year.*

PHYSICAL EDUCATION

DEPARTMENT MISSION

It is the mission of the West Bend Physical Education Program to create an equitable wellness environment to empower all students with a foundation of skills, knowledge, and confidence to become healthy, active members of their community.

CAREER PATHWAYS

- Athletic Director
- Athletic Trainer
- Coach
- College Professor
- Dietician/Nutritionist
- Early Childhood/Daycare Worker
- Fitness instructor
- Health Education Teacher
- Lifeguard
- Nursing
- Officiating
- Occupational Therapy
- Outdoor Wilderness instructor
- Personal Trainer
- Physical Education Teacher
- Physical Therapist
- Special Olympics Coordinator/director
- Wellness Coordinator
- Wilderness Specialist
- Yoga Instructor
- Youth Recreation Coordinator

GRADUATION REQUIREMENT

1.5 Credits of Physical Education and 0.5 Credits of Health

Specifications:

- Fitness for Life is a required course and the first course taken in the physical education department.
- 1.5 credits of Physical Education courses must be taken over a three year period with .5 credits taken each year counting toward the graduation requirement.
- Physical Education courses may be taken one time (provided the student earns a passing grade).
- Students are required to complete a minimum of 2 classes from either Skill-Based or College and Career Based phy ed electives. *To meet the 1.5 credit requirement, eligible students may enroll in alternative elective courses.

Students looking to utilize the waiver option described in Board Policy 345.5 for their final 0.5 credit should confirm their eligibility and speak to their counselor regarding the requirements of the PE Waiver option.

COURSE SELECTION FLOW CHART

Graduation
Requirements:

Fitness for Life

Health & Wellness

Elective
Courses:

Adventure Education

Coaching*

Introduction to Athletic
Training

Lifeguarding

Lifetime Activities

Officiating*

Physical Education
Leaders

Strength & Speed I

Strength & Speed II*

Team Sports

Virtual Fitness by
Design*

Virtual Personal Fitness

* = Course has prerequisites. See course descriptions for details.

** = Other courses may be taken to meet this required credit. See course descriptions for details.

YA = Youth Apprenticeship

COURSE OFFERINGS

HEALTH AND WELLNESS (481)

Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): N/A

Health and Wellness is a graduation requirement. Total health wellness is the major thrust in this course. Awareness of prevalent health concepts is necessary in order to successfully fulfill a role in today's society. Topics covered: mental health, social health, nutrition, physical fitness, substance abuse, human development, preventing disease, and community health and safety. This course will provide students the tools necessary for developing and enhancing healthy behaviors that influence lifestyle choices.

FITNESS FOR LIFE (402)

Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 9

Prerequisite(s): N/A

Fitness for Life is a graduation requirement. This course will help students decide which types of physical activities you need and how to prepare for safe, smart physical activity. Students will learn about each type of physical fitness and which physical activities are best for developing them. Students will be educated about the link between physical activity and other healthy lifestyle choices that improve their health and wellness as well as their physical fitness. Furthermore, students will learn how to plan a personal physical activity program that will help them to improve their current fitness and their fitness throughout life. The goal of this course is to help students become informed consumers who can make informed and effective decisions about fitness, health, and wellness. Fitness for Life must be taken.

ADVENTURE EDUCATION (413)

Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): N/A

Do you have an adventurous spirit? Are you a healthy risk taker and want to learn some leadership skills? This course is designed for students who are interested in outdoor adventure-related activities, and to progress students through an experientially-based program that emphasizes interpersonal relationships and individual growth. Activities consist of introductions to kayaking, snowshoeing, archery, geocaching, disc golf, climbing wall, and various recreational games.

LIFEGUARDING (411)

Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): Students must be 15 years of age by the end of the course

Course Fee: \$140

The course requirements are based on American Red Cross criteria for becoming a certified lifeguard. Swimming rescues, first aid, and CPR are included in the course. Students successfully passing all parts of the lifeguard-training course will meet the basic criteria to be employed as lifeguards in pool or waterfront settings. Students must pass a pretest in order to get their certification. The pretest includes: using the combination of the front crawl and the breaststrokes to swim 22 lengths of our pool demonstrating breath control and rhythmic breathing. Then be able to tread water for 2 minutes only using their legs. Hands will need to be placed under the armpits. They will also need to swim to the deep end of the pool, retrieve a 10-pound brick from the bottom of the pool and swim with it above the water back to the shallow end. All within 1 minute, 40 seconds. The last test will be entering the shallow end, swim 5 yards, submerge and retrieve 3 dive rings placed 5 yards apart, resurface and continue to swim another 5 yards. A student must be 15 years of age by the end of the course. Approximate cost: \$140 for the price of the book, pocket mask and certification card.

LIFETIME ACTIVITIES (404)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Lifetime Activities is a one-semester class. Enjoy a variety of lifetime activities you can do by yourself or with a friend. Activities include: tennis, fitness yoga, fitness walking, core fitness (fit balls, Pilates, BOSU balls), ultimate Frisbee, disc golf, water activities and golf. Students will leave this course with the ability to apply basic skills, strategies, and rules for various Lifetime Activities.

STRENGTH AND SPEED I (414)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Strength and Speed I will offer basic skills in strength and speed training. The student will be introduced to a variety of body conditioning activities such as active movement, lateral speed and agility exercises, plyometric execution, extreme challenge training, body weight and Olympic strength movements, and power zone stabilization. This course is designed to increase strength, speed, endurance, flexibility, agility, and power, to condition the total body.

STRENGTH AND SPEED II (415)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Strength and Speed I (414)

Strength and Speed II will build upon the movements and skills which were completed in Strength and Conditioning I. The student will participate in prescribed muscular strength, muscular endurance, and muscular hypertrophy phases in pre-season, in-season, and post-season programs. The student will be introduced to a variety of advanced body conditioning activities, such as active movement, lateral speed and agility exercises, plyometric execution, extreme challenge training, body weight and Olympic strength movements, and power zone stabilization. This course is designed to increase strength, speed, endurance, flexibility, agility, and power, to condition the total body. The student will be able to complete the program prescribed by the instructor, or approved by the instructor. The approved program must be prescribed by the student's West Bend High School coach or trainer, and approved by the instructor. The course also includes personal programming lessons and opportunities, which can be implemented by the student if it is approved by the instructor. The course may be taken more than once, but for enrichment or elective purposes only.

TEAM SPORTS (403)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Team Sports is a one-semester course emphasizing group participation along with the development of skills applicable to team sports. Conditioning drills, strategy, and rules will be incorporated into this course. Students will develop the five components of health related fitness; muscle strength, muscle endurance, cardiovascular endurance, flexibility, and body composition. This course will also develop social skills, sportsmanship, and specific motor skills that can be utilized while pursuing physical activities for a lifetime.

COACHING (416)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Team Sports (403)

In the Coaching course, students will acquire crucial skills in leadership, communication, decision-making, and conflict management essential for effective coaching team sports competitions. The course focuses on equipping students with the ability to coach at different levels and manage associated responsibilities, placing emphasis on developing time management skills and understanding legal rights and responsibilities in youth sports, while fostering a growth mindset. The curriculum also covers injury prevention and first aid, technology in coaching, collaboration within groups and performance-based assessment of coaching skills. Throughout the semester, reinforcement of these skills and ideas will occur through videos, readings, and discussions.

OFFICIATING (417)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Team Sports (403)

Students enrolled in the Officiating course will learn the rules and regulations of selected team sports, and develop skills in the areas of communication, decision-making, and conflict management. They will work with coaches, players, other officials, and parents. The expectation is that students will have the ability to officiate at various levels and manage responsibilities that come with the role. Students will develop a personal fitness and injury prevention plan that directly relates to the needs of an official. Students will understand and apply time management skills required and recognize legal rights and responsibilities of an official involved with youth sports in the 21st century.

INTRODUCTION TO ATHLETIC TRAINING (418)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Introduction to Athletic Training is a semester course designed for students who are interested in fields such as athletic training, physical therapy, medicine, nursing, fitness, physiology of exercise, kinesiology, nutrition, EMT, and other sports medicine-related fields. It is offered as a classroom and lab course to provide students with an avenue through which to explore these fields of study. This course focuses on the basic information and skills important in the recognition of, care, prevention, and preliminary rehabilitation of athletic injuries. The course includes classwork and hands-on application.

PHYSICAL EDUCATION LEADERS (419)

Course Length: One Semester
Credit(s): 0.5 (general elective credit only, not for PE credit)
Grade Level(s)*: 11, 12
Prerequisite(s): Intro to Teaching and Learning - can be taken concurrently

*Students must have completed the required 1.5 credits of PE, concurrent enrollment not allowed

This course is designed to train students to support the instruction of peers participating in Specially Designed Physical Education. Through hands-on experiences, students will develop leadership, empathy, and inclusive practices while learning about a wide range of physical and learning abilities. The course emphasizes active participation, collaboration, and understanding of disabilities, along with strategies for adapting lessons and activities to make them accessible for all learners. Coursework includes direct instruction, performance-based projects, observation, reflection, and discussion.

VIRTUAL PE 1: VIRTUAL PERSONAL FITNESS (400V)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

This course is also open to students enrolled in WBVA. By taking this course you will feel the difference, both physically and mentally. You will start by assessing your current physical condition. You will keep a workout log to measure your progress. In addition, you will have a great personal trainer (your teacher) who will help you set realistic goals and reach your personal health-related objectives. As you travel through the virtual town of Wellville, you will learn about exercise, conditioning, diet and nutrition, and managing stress. You and your trainer will develop a fitness program tailored to your individual needs. As you make progress, you will feel your energy level increase. By the end of the course, you will have developed the kind of healthy habits that will last a lifetime. The best way to live a healthy life is to prevent health problems before they occur. This course will help you do that. In addition, the best time to start is right now. Students enrolling in this course should be aware that they must meet the following criteria: 1. Both the parent and student are required to attend a pre-course teacher meeting 2. Students will need to have computer technology and access to the Internet at home or come into the district on a date to be specified by the instructor to get a computer and accessories from the District Office to use for the class. 3. Students will need to meet on a date to be specified by the instructor to get their heart monitor so that they do not get behind with the classroom expectations.



VIRTUAL PE 2: FITNESS BY DESIGN (401V)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): Virtual Personal Fitness (400V)

This course is also open to students enrolled in WBVA. During this course, you will build upon the knowledge and skills learned from Virtual Personal Fitness to continue your path for healthy habits of body and mind that will lead to a healthier lifestyle. You will measure your beginning fitness level and nutrition knowledge, and will create an individual plan for achieving your individual goals. At the end of this course, you will have improved your flexibility, enhanced your cardiovascular fitness, and increased your strength and endurance. The goal of this course is to help you experience the benefits of exercise, good diet and proper weight. Students enrolling in this course should be aware that they must meet the following criteria: 1. Both the parent and student are required to attend a pre-course teacher meeting 2. Students will need to have computer technology and access to the Internet at home or come into the district on a date to be specified by the instructor to get a computer and accessories from the District Office to use for the class. 3. Students will need to meet on a date to be specified by the instructor to get their heart monitor so that they do not get behind with the classroom expectations.

SCIENCE

DEPARTMENT MISSION

The Science Department invests in developing citizens who recognize the value of using science to approach real world problems and understand living and nonliving aspects of their world through investigation, research, analysis, and problem solving. The skills emphasized through the Science department are:

- Asking questions and defining problems
- Developing and using models
- Planning and carrying out investigations
- Analyzing and interpreting data
- Using mathematics and computational thinking
- Constructing explanations and designing solutions
- Engaging in argument from evidence
- Obtaining, evaluating, and communicating information

CAREER PATHWAYS

Science, Technology, Engineering & Math:

- Aerospace
- Agriculture
- Biological Research
- Data Analyst
- Environmental Scientist/
Engineer

- Firefighter
- Lab Chemist
- Power Distribution
- Water/Wastewater
treatment

Health Sciences:

- Biomedical Engineer
- Health Care:
- Doctor
- Nurse
- Technician
- Veterinarian
- Pharmacology

GRADUATION REQUIREMENT

3.0 Credits of Science

Students must complete Biology, Chemistry, and 1.0 credits of Science Electives. Required courses within the WBHS science department are offered with different levels to select from. All Science courses at a specific level (Standard, or Honors) are based on the same standards with some differences in how the course is taught, the depth of mathematical analysis and application, and the pacing of the course. To help students and parents determine which course is ideal for a student please consider the following:

- Standard Science offers a standard pace and instructional approach as students analyze and apply core concepts to a variety of labs and explorations.
- Honors Science is rigorous and independent, utilizing a faster pace, deeper analysis, and application of core and mathematical concepts to a variety of labs and explorations.

COURSE SELECTION FLOW CHART

Graduation
Requirements:

Biology**

Chemistry**

Elective
Courses:

AP Biology*

AP Chemistry*

AP Environmental
Science*

AP Physics C:
Mechanics*

Astronomy*

Biology Honors

Biomedical Innovations
PLTW*

Chemistry Honors

Human Anatomy &
Physiology*

Human Body Systems
PLTW*

Medical Interventions
PLTW*

Meteorology*

Physical Science

Physics

Physics Honors

Principles of Biomedical
Science PLTW

TC Certified Nursing
Assistant

TC Cultures of
Healthcare

TC Medical Terminology

YA: Health Science

* = Course has prerequisites. See course descriptions for details.

** =Other courses may be taken to meet this required credit. See course descriptions for details.

YA =Youth Apprenticeship

COURSE OFFERINGS

Life Science Courses:

BIOLOGY (120)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Biology is a graduation requirement. Biology is the study of life. This course will acquaint the student with the living conditions through a study of life processes of the cell. An emphasis is placed on laboratory experiences. With these basic foundations, the study of the entire organism can be undertaken. Areas to be studied include ecology, biochemistry, microbiology, genetics, and evolution. An emphasis is placed on laboratory experiences. With this basic foundation of knowledge and skills, students will be better prepared for future science classes and life after high school.

BIOLOGY HONORS (122)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Biology is the study of life. This course will acquaint the student with the living conditions through a study of life processes of the cell. An emphasis is placed on laboratory experiences. With these basic foundations, the study of the entire organism can be undertaken. Areas to be studied include ecology, biochemistry, microbiology, genetics, and evolution. An emphasis is placed on laboratory experiences. With this basic foundation of knowledge and skills, students will be better prepared for future science classes and life after high school. Honors Biology is recommended for students who have a desire to go into a science field after graduation. *This course fulfills the Biology graduation requirement.*

ADVANCED PLACEMENT (AP) BIOLOGY (127)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): Biology (120) and Chemistry* (130)
Course Fee: \$5-\$15 for possible field trip

AP Biology takes many of the topics discussed in freshman biology class and dives deeper. The pace of the class is swift, as these topics need to be covered before the second week in May. The progression of units is Chemistry of Life, Cell Structure and Function, Cell Energetics, Cell Communication and Cell Cycle, Heredity, Gene Expression and Regulation, Natural selection, and Ecology. Heavy emphasis is made on finding relationships between units of study. The class is very lab oriented and therefore requires the student to dedicate time outside of class to complete lab reports. The AP Biology student will utilize their textbook and videos to independently learn information and apply this information to labs, coursework and the AP exam. This class is highly recommended for any student going into any health related career or any science related career. *Cost of the AP exam is \$100, which is subject to change each year.*

**Chemistry may be taken concurrently with this course.*

HUMAN ANATOMY AND PHYSIOLOGY (140)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): Biology (120)
Course Fee: N/A

This course is designed for students with a love and passion for learning how the human body works. The class emphasizes the relationship between the structures of human organs (anatomy) with the function of those organs (physiology). Understanding how the body maintains a balance (homeostasis) and relates to our surroundings is a must. Students will explore the major body systems and will take part in various lab experiences. This class will be of special interest to students pursuing health-related careers and professions, but students who just want to know how their own body works will also enjoy this course.

ADVANCED PLACEMENT (AP) ENVIRONMENTAL SCIENCE (155)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Biology (120) and Chemistry (130)

AP Environmental Science is an introductory college-level course for the student interested in an interdisciplinary course that focuses on ecological processes, human impacts on the Earth, and how to resolve or prevent natural and human-made environmental problems. Units cover Ecology, Biodiversity, Populations, Land and Water Use, Energy, Pollution, and Global Change. Field Work is a component as well as labs and college-level lecture and discussion. *Cost of the AP exam is \$100, which is subject to change each year.*

Physical Science Courses:

PHYSICAL SCIENCE (138)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

The study of physical and earth science will help students learn how to better understand the world around them. The course will emphasize building the foundation of science skills necessary for success in future high school science courses. Students will study how we visualize the world around us through scientific discovery of topics such as the interaction of matter and energy, the development of earth systems, the history of earth, and our place in the universe. Students will wrap up this course with a basic understanding of physics, exploring Newton's Laws of motion, energy in the form of waves and light, and components of the universe that allow it to function as it does today.

CHEMISTRY (130)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Chemistry is a graduation requirement. The goal of this class is to prepare students for college level chemistry through basic concepts, theories, and models. In this class students will question their previous understandings and address related scientific misconceptions. Students will develop a background in basic chemistry through the use of problem-solving skills, theory building, modeling and relating science to technology as applied in our society. Extensive use of particle models will be used to describe matter and the treatment of the role of energy in change. The course work has a strong emphasis on laboratory experiments and reports, with many units being math intensive including graphing and algebra. A scientific calculator (graphing or non-graphing) is required for in and out of class use. Students must purchase and use safety eyewear for lab work and a lab notebook. *Please Note: It is recommended that students take Algebra prior to this course.*

CHEMISTRY HONORS (133)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

The study of chemistry will show students how the world around them works. What happens when something burns? When water freezes? Why are things solid, liquid, or gas? Why do some things react and others don't? This course will emphasize refining analytical thinking skills through class and lab work. Topics covered are dimensional analysis, formula writing, reactions, solution chemistry, gas laws, thermochemistry, atomic theory, states of matter, trends of the periodic table, and chemical bonding. The course work has a strong emphasis on laboratory experiments and reports, with many units being math intensive including graphing and algebra. This course will also move at a faster pace and involve questioning at a higher skill level. This is a fast paced class where students will be expected to be able to do work outside the classroom to practice the necessary skills required to be successful. A scientific calculator is also required. Students must purchase and use safety eyewear for lab work and a lab notebook. *This course fulfills the Chemistry graduation requirement. Please Note: It is recommended that students take Algebra prior to this course.*

ADVANCED PLACEMENT (AP) CHEMISTRY (132)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Chemistry (130) or Honors Chemistry (133) and Algebra II (324)*

Through the study of chemistry in an Advanced Placement course students will become critical and independent thinkers who are able to function effectively in a scientific and technological society. Students will apply advanced mathematical skills to dimensional analysis, formula writing and analysis. The lab experience is strongly emphasized in AP Chemistry. Students should expect to spend extra time on scheduled lab days. To provide the students with hands-on experience, they physically perform nearly all labs. Technology is emphasized through the use of various probes and equipment interfaced with PCs. Data collection can then be easily obtained and better analyzed. Students work in groups of two or three in order to collaborate on data collection and analysis. Units of study include Atomic Structure and Properties, Molecular and Ionic Compound Structure and Properties, Intermolecular Forces and Properties, Chemical Reactions, Kinetics, Thermodynamics (Energy), Equilibrium, Acids and Bases, and Applications of Thermodynamics. Students will have summer homework. Students will be prepared for success on the AP exam. *Cost of the AP exam is \$99.00, which is subject to change each year. *Advanced Algebra can be taken concurrently with this course.*



PHYSICS (143)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): N/A

This course is designed as an introductory college preparatory science course for all students regardless of their major. Physics is designed to provide the students with an introductory background in the areas of vectors, kinematics, dynamics, circular motion, statics, work, energy, momentum, and gravity. The course is highly mathematical and many of the ideas are developed through solving problems. Classroom demonstrations and student-conducted experiments reinforce and develop concepts. *Please Note: It is recommended that students take Introduction to Algebra II or Algebra II prior to this course or take Algebra II concurrently.*

PHYSIC HONORS (146)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): N/A

Physics is the study of matter and energy, in time and space. The Physics principles covered are used to describe the natural world in which we live. Mechanical energy, wave energy, and electrical energy will be explored. Skills in problem solving, analysis, and creativity will be enhanced. There is an emphasis on practical application of the principles studied. Pacing as well as rigor will be accelerated. Additional topics may also be introduced. *Please Note: It is recommended that students take Introduction to Algebra II or Algebra II prior to this course or take Algebra II concurrently.*

ADVANCED PLACEMENT (AP) PHYSICS C: MECHANICS (147)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): AP Calculus A/B (330)* and Chemistry (130)*

This course will follow the College Board curriculum that is similar to that offered as an introductory college freshman class. This course will study principles of mechanics using rigorous mathematical applications and calculus based problem solving. This will provide an excellent background for those students interested in engineering or careers in the mathematical and physical sciences. Labs and projects will also be used to introduce, learn, and apply understanding of challenging physics concepts. Students will have the opportunity to take the nationally recognized Physics C - Mechanics exam in May to qualify for college credit. *Cost of the AP exam is \$100, which is subject to change each year.*

**AP Calculus A/B and Chemistry can be taken concurrently with this course.*

Earth Science Courses:

ASTRONOMY (149)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Biology (120) or equivalent

This is an introductory course in astronomy that includes an in-depth look at the universe, from its beginning to its present day organization into galaxies and star systems. Students will also examine planets, quasars, black holes, and other objects of celestial interest.

METEOROLOGY (151)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): Biology (120) or equivalent

The weather is an aspect of life that all people can personally relate to and experience. Its effects influence business, the economy, recreation, and daily living. Students will gain an appreciation and ability to understand weather phenomena using scientific interpretations, analysis, and modelings to better understand their origin, growth, and decay. This course is ideal for students who have an interest in meteorology and who would like to develop skills in forecasting weather changes. Topics will include such things as the structure of weather systems; the composition of Earth's atmosphere; air masses and the development of severe storms; the variations of precipitation, clouds and humidity; and different forecasting techniques. Projects will involve conducting investigations, collecting and analyzing data, and presenting results. Opportunities will be sought to link with local and regional weather stations.

Health Science Courses:

TC CULTURES OF HEALTHCARE (165)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): N/A

Transcripted Credit: (2)MPTC - Culture of Healthcare 501-104

Through activities, guest speakers, field trips, presentations, and research, this course will focus on skills and knowledge to promote success in any biomedical or healthcare field. Students will examine and practice professionalism, interpersonal and written communication skills, confidentiality, and ethics as they relate to customer service in healthcare. Additional topics covered include: health care systems, legal and ethical responsibilities, cultural diversity, safety, and medical research. A strong healthcare career exploration is embedded into the class. Culture of Healthcare is one of the required classes for a Health and Fitness degree through MPTC. Students can earn transcripted credit through Moraine Park Technical College upon completion.

TC MEDICAL TERMINOLOGY (170)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): N/A

Transcripted Credit: (3) MPTC - Medical Terminology 501-101

A dual-credit course offered through Moraine Park Technical College and available at the West Bend High Schools, this course readies the health career student for the verbiage needed to be successful in higher level coursework and eventually the health-care field. Students will learn to spell, pronounce and the meaning of medical terminology associated with the human body systems. Designed as a self-taught course with an engaging workbook, students will be assessed on word pronunciation and the meaning of words used in the medical field. Students can earn transcripted credit through Moraine Park Technical College upon completion.

TC CERTIFIED NURSING ASSISTANT (171A or 171B)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 11, 12 (priority given to seniors)

Prerequisite(s): Minimum 2.0 cumulative GPA; Students must be admitted in the MPTC Nursing Assistant program to register for this class. Students must be 16 years old; completed Health Information form; criminal background check.

Course Fee: See "Additional Course Fees" on [page 22](#) for details

This Certified Nursing Assistant course prepares students for employment as nursing assistants. This course also prepares students for other health-related programs. During this course, students will be required to demonstrate the following skills under the supervision of a licensed nurse: communication, basic nursing assistant and personal care skills, attention to client rights, and care of clients with dementia. This program is recognized by the Wisconsin Department of Health Services as a nurse-aide training program. Upon successful completion of this course, the student is eligible to take the Wisconsin Nursing Assistant competency evaluation for inclusion on the Wisconsin Nurse Aide Registry and employment in nursing homes, hospitals, home health agencies, hospices, CBRF's, assisted living centers, and homes for the developmentally disabled.

**The CNA course takes the first three (3) periods of a student's schedule for one semester. If you are interested in CNA offered at another time, select that on the course selection sheet.*

***Students enrolling in this course will also apply for Start College Now in the event the course does not run through West Bend High School. Please see your school counselor if you have questions about enrollment.*

Biomedical Science Program:

Upon successful completion of these courses, students may be eligible for college credit. Upon completion of all four PLTW Biomedical courses, students will receive the honor of participating in a white coat ceremony. Typical sequence of courses is as follows: Principles of Biomedical Sciences (PBS) Human Body Systems (HBS) then Medical Interventions (MI), and lastly Biomedical Innovations (BI).

PRINCIPLES OF BIOMEDICAL SCIENCE (PBS) - PLTW (161)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12 (recommended for 9-10)
Prerequisite(s): N/A



This course covers biomedical science applied to real life healthcare settings framed around forensics, emergency care, clinical care and biomedical innovations. This course provides an introduction to the biomedical sciences through exciting hands-on projects and problems. Students investigate and apply concepts of biology and medicine as they explore health conditions including heart disease, diabetes, sickle-cell disease, hypercholesterolemia, and infectious diseases. The activities and projects introduce students to human physiology, basic biology, medicine, research processes and allow students to design experiments to solve problems. Key biological concepts are embedded in the curriculum. This course is designed to provide an overview of all the courses in the biomedical sciences program and lay the scientific foundation for subsequent PLTW courses.

HUMAN BODY SYSTEMS (HBS) - PLTW (162)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): Biology (120) required; Principles of Biomedical Science (161) recommended



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

MEDICAL INTERVENTIONS (MI) - PLTW (163)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Biology (120) and at least one of the following: Human Body Systems (162), Human Anatomy & Physiology (140), or AP Biology (127); Principles of Biomedical Science (161) recommended



In the Medical Interventions course, students will investigate the variety of interventions involved in the prevention, diagnosis and treatment of disease as they follow the lives of a fictitious family. The course will explore how to prevent and fight infection; how to screen and evaluate the code in our DNA; how to prevent, diagnose, and treat cancer; and how to prevail when the organs of the body begin to fail. Students will be exposed to a wide range of interventions related to Immunology, Surgery, Genetics, Pharmacology, Medical Devices, and Diagnostics. Each family case scenario will introduce multiple types of interventions and will reinforce concepts learned in the previous two courses as well as present new content. Interventions may range from simple diagnostic tests to treatment of complex diseases and disorders. These interventions will be showcased across the generations of the family and will provide a look at the past, present, and future of biomedical science. Lifestyle choices and preventive measures are emphasized throughout the course as well as the important role scientific thinking and engineering design play in the development of interventions of the future.

BIOMEDICAL INNOVATIONS (164)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 12
Prerequisite(s): Biology (120) and Medical Interventions (163)*
Course Fee: N/A



In this capstone course, students apply their knowledge and skills to answer questions or solve problems related to the biomedical sciences. Students design innovative solutions for the health challenges of the 21st century as they work through challenging, open-ended problems, addressing topics such as clinical medicine, physiology, biomedical engineering, and public and environmental health. They have the opportunity to work on an independent project and may work with mentors or advisors from a university, hospital, physician's office, or industry. Throughout the course, students are expected to present their work to an adult audience that may include representatives from the local business and healthcare community. *Medical Interventions may be taken concurrently.

YOUTH APPRENTICESHIP - HEALTH SCIENCE (168YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12



This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the Health Science field. See [Youth Apprenticeship](#) section on page 18 for more information.

General Electives:

TC COLLEGE 101 (999)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Transcripted Credit: (2) MPTC - College 101 890-101



This is a required course for any student planning to enroll at Moraine Park Technical College after high school. This course develops tools and strategies that support success in college. The course focuses on utilizing Moraine Park websites, online Course Management System and college resources. Student responsibility and expectations for success in college are explored, including learning strategies, goals, lifestyle balance and skills for interdependence. *Please Note: This course counts towards WBHS elective credit.*

SOCIAL STUDIES

DEPARTMENT MISSION

The vital task of preparing students to become citizens in a democracy is complex. The Social Studies disciplines are diverse, encompassing an expansive range of content. This content engages students in a comprehensive process of confronting multiple dilemmas and encourages students to speculate, think critically, and make personal and civic decisions on information from multiple perspectives. Social Studies prepares students for their postsecondary futures, including the disciplinary practices and literacies needed for college-level work in social studies academic courses and critical thinking, problem solving, and collaborative skills needed for the workplace. The department develops academic skills that support students in developing questions and planning inquiries; applying disciplinary concepts and tools; evaluating sources and using evidence; and communicating conclusions and taking informed action. Each of these components represent skills that students will use in their roles as students, employees, and most importantly, as informed and engaged citizens of the world.

CAREER PATHWAYS

Aging Studies:

- Activities Director
- Architectural Services
- Area Planning and Coordination
- Banking
- Counseling
- Creative Arts
- Education
- Financial Planning
- Housing
- Industrial and Product Design
- Law
- Nursing
- Nutrition
- Pharmacy
- Public Relations/Media
- Retirement Planning
- Social Work
- Transportation
- Travel Programs

Anthropology:

- Archaeology
- Forensics
- Linguistics

Economic:

- Actuarial
- Appraiser
- Auditor
- Bank Officer
- Consultant in Business or Government
- Economist
- Financial Analyst
- Financial Reporter
- Investment Analyst
- Teacher or Professor

Environmental Studies:

- Ecologist or Environmental Manager
- Forestry Technician
- Industrial Developer
- Hazardous Waste Planner
- Water Resources or Land Use Planner

Geography/Urban Planning:

- Cartographer

- Comprehensive Planning Areas in Developed and Developing Country Contexts
- Emergency Hazards Management
- Environmental
- Geographic Information Systems (GIS)
- Health
- Housing
- International Business
- Land Use
- Location Analyst
- Market Researcher
- Neighborhood
- Project Development
- Remote Sensing
- Satellite/Aerial Photo Analyst
- Transportation
- Travel Agent
- Urban Design

Historical Research:

- Museum Studies
- Records/Archival Research

Human Services:

- Negotiation/Conflict Resolution
- Public Policy
- Social Work

International Affairs:

- Diplomacy
- Economic Developer
- Foreign Service Officer
- Intelligence Analyst
- Journalist
- Political Risk Analyst
- Research and Educational Assistant
- United Nations/Country & Issue Studies

Interdisciplinary Social Studies:

- Social Studies Teacher
- Management Trainee
- Research Analyst
- Probation Officer
- Federal Service Worker
- Legislative Aide
- Assistant Planner

- Administrator
- Public Agencies and Government
- Lawyer/Paralegal
- Police
- Politics & Political Science:
- Candidate/Appointee
- Communications/Social Media
- Customs Agent or Inspector
- Foreign Service Officer
- Governmental Relations
- Labor Relations Specialist
- Lobbyist
- Political Aide
- Political History Archivist
- Pollster
- Pre-Law
- Public and Private Researcher
- Strategist/Campaign Manager
- Urban Planner
- Veterans' Claims Representative
- Public Administration:
- Budget Specialist
- Emergency Management Specialist
- HRM Specialist
- Management Analyst
- Manager of Government Organizations
- Manager of Nonprofit Organizations
- Policy Researcher
- Program Evaluator
- Purchasing Specialist
- Sociology
- Case Worker
- Child Welfare
- Community Organizer
- Corrections Officer
- Criminologist
- Demographer
- Government Agencies (at all levels)
- Industrial Sociologist
- Management Trainee
- Market Research Analyst
- Opinion Pollster
- Statistician

GRADUATION REQUIREMENT

3.0 Credits of Social Studies

COURSE SELECTION FLOW CHART

Graduation Requirements:	Global Studies**	Economics**	US Government & Law**	US History**
Elective Courses:	AP European History	AP Human Geography	AP Macroeconomics	AP Microeconomics
	AP Psychology	AP US Government & Politics	AP US History	AP World History: Modern
	Psychology	Sociology of Human Behavior	War & Peace	World Affairs
	YA: Government & Public Administration			

* = Course has prerequisites. See course descriptions for details.

** = Other courses may be taken to meet this required credit. See course descriptions for details.

YA = Youth Apprenticeship

COURSE OFFERINGS

Required Courses:

GLOBAL STUDIES (200)

Course Length: One Year

Credit(s): 1.0

Grade Level(s): 9

Prerequisite(s): N/A

Global Studies is a graduation requirement. Global Studies will examine the following areas of the world: Middle East, Russia, South Asia, East Asia, Sub-Saharan Africa, and Latin America. We will examine and compare the political, economic, cultural, and social aspects of these regions. Selected countries in each region will be examined in greater detail. Reading, writing, and critical thinking will be emphasized. A variety of materials and activities will be used including readings, research papers and projects, and simulations. Emphasis will be on the recent past and the contemporary state of affairs.

ECONOMICS (215)

Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): N/A

Economics is a graduation requirement. This course focuses on basic principles of economics. Microeconomic subjects like opportunity cost, supply and demand, scarcity, and choices will be taught as well as macroeconomic subjects like inflation, unemployment, gross domestic product, and interest rates. The course is designed to show the connection between the choices made by individuals and the impact of these choices on themselves as well as the world around them. Decision-making skills and real-world application of the concepts will be emphasized.

US GOVERNMENT AND LAW (217)

Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): N/A

US Government and Law is a graduation requirement. In this course, students will experience how the wheels of government and justice work at the local, state, and federal level. Student activities and hands-on experiences will be emphasized to demonstrate how "We The People" operate within our government and law.

US HISTORY (208)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): N/A

US History is a graduation requirement. This course will be a study of the United States and its people from the Post Civil War period to the present. Students will closely examine the historical development and current impact of our politics, economics, culture, and foreign affairs. Particular emphasis will be placed on the 20th century experience. This inquiry into our past will include application of skills through oral presentations, debates, group work, simulations, reenactments, reading, current events, research, vocabulary building, note taking, and essay writing.

Elective Courses:

ADVANCED PLACEMENT (AP) US GOVERNMENT AND POLITICS (216)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

AP Government & Politics is a year-long examination of all three branches of the United States Government. It includes the study of American democracy, political ideologies, the participation of the populace in American Government and civil rights and liberties. The course content utilized was developed by the College Board and prepares students for the opportunity to take the Advanced Placement exam in May. *Cost of the AP exam is \$100, which is subject to change each year. This course fulfills the US Government and Law and Economics graduation requirements.*

ADVANCED PLACEMENT (AP) MICROECONOMICS (213)



Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

AP Microeconomics is a fast paced college-level course that focuses on the decision making of individuals, businesses, and the government. Students will study a variety of economic theories and analyze their practical application in the real world. Micro focuses on the supply and demand for products, the labor markets, and the role competition plays in a free market system. This class will prepare you for college and potentially allow you to earn 3 college credits upon passing the AP exam. Extensive math skills are not required; however, the ability to analyze graphs and charts is essential. *Cost of the AP exam is \$100, which is subject to change each year. This course fulfills the Economics graduation requirement.*

ADVANCED PLACEMENT (AP) MACROECONOMICS (214)



Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

The purpose of an AP course in Macroeconomics is to give students a thorough understanding of the principles of economics that apply to an economic system as a whole. Such a course places particular emphasis on the study of national income and price level determination and also develops students' familiarity with economic performance measures, the financial sector, stabilization policies, economic growth, and international economics. *Cost of the AP exam is \$100, which is subject to change each year. This course fulfills the Economics graduation requirement.*

ADVANCED PLACEMENT (AP) EUROPEAN HISTORY (218)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

This course is intended to give students interested in history a college level survey of the history of modern Europe from 1400 to the present day. Students will practice analytical and critical thinking skills as they learn to appreciate the heritage of Western Europe's political, social, economic, intellectual, scientific, and artistic history. Great events such as the French Revolution and World War I, ideas such as imperialism and nationalism, and the influence on an age such as Napoleon, Hitler, and Stalin will be studied in depth. Students may opt to take the AP European History exam in May. *Cost of the AP exam is \$100, which is subject to change each year. This course is only offered every other school year for odd school years. This course will be offered in the 2026-27 school year.*

ADVANCED PLACEMENT (AP) HUMAN GEOGRAPHY (212)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

The purpose of AP Human Geography is to introduce students to the systematic study of patterns and processes that have shaped human understanding, use, and alteration of Earth's surface. Students employ spatial concepts and landscape analysis to examine human social organization and its environmental consequences. They also learn about the methods and tools geographers use in their science and practice. *Cost of the AP exam is \$100, which is subject to change each year. This course fulfills the Global Studies graduation requirement.*

ADVANCED PLACEMENT (AP) PSYCHOLOGY (224)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): N/A

This course surveys multiple aspects of human behavior and the theoretical foundations of human functioning, in such areas as learning, motivation, emotions, personality, deviance and pathology, physiological factors, and social influences. This class is comparable to an introductory-level college psychology course offered at most colleges and universities and directs the student to an insightful understanding of the complexities of human relationships in personal, social, and vocational settings. This class provides the student with the opportunity to acquire a high school credit in social studies while preparing for the Advanced Placement exam in May. *Cost of the AP exam is \$100, which is subject to change each year.*

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY (207)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): N/A

This is a comprehensive study of United States history to the present. Extensive reading is required. Primary source documents will be a main resource for the class. High level writing skills will be necessary for quality essay writing. Students will have the option of taking the nationally recognized Advanced Placement exam in May to determine if they qualify for college credit. *Cost of the AP exam is \$100, which is subject to change each year. This course fulfills the US History graduation requirement.*

ADVANCED PLACEMENT (AP) WORLD HISTORY: MODERN (209)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

In AP World History: Modern, students investigate significant events, individuals, developments, and processes from 1200 to the present. Students develop and use the same skills, practices, and methods employed by historians: analyzing primary and secondary sources; developing historical arguments; making historical connections; and utilizing reasoning about comparison, causation, and continuity and change over time. The course provides six themes that students explore throughout the course in order to make connections among historical developments in different times and places: humans and the environment, cultural developments and interactions, governance, economic systems, social interactions and organization, and technology and innovation. *Cost of the AP exam is \$100, which is subject to change each year. Note: This course is only offered every other school year for even school years. This course will be offered in the 2027-28 school year.*

SOCIOLOGY OF HUMAN BEHAVIOR (223)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

Sociology is the study of human social behavior. It assumes a group, rather than an individual perspective. Sociologists look for patterns in social relationships. Individuals can benefit by using their sociological knowledge to evaluate events in their personal lives. Students will answer questions about human behavior. Critical, analytical, and evaluative thinking skills are used for the completion of required research papers, experiments, and class discussions. This class may present controversial topics; therefore, students need to be mature learners capable of self-regulation and tolerant of a broad spectrum of current cultural opinions. Unit topics may include: social construction of reality; socialization; race, nationality, and ethnicity; marriage and family; death and dying; sexualization; mass media; youth culture studies; gender and sexuality; social movements; class and gender conflicts and inequalities; consumerism; and current political movements.

PSYCHOLOGY (221)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Psychology is the study of human behavior, thoughts, feelings, actions, and motivations. How are they acquired? How are they expressed? What problems arise in one's personal struggle to survive? Some of the topic areas designed to increase your understanding of behavior are personality, perception, growth/development, learning, motivation, memory, conflict, anxiety/stress, mental health/mental illness, autism, cognitive delays/disabilities, and psychological disorders. A problem-solving approach will be emphasized.

WAR AND PEACE (226)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

This course is a study of military power, diplomacy, and world leaders with a review of past and present events that help to determine war and peace among nations. Is war inevitable? What can you do to understand and react to a particular world problem? An interest in world affairs, international relations, military operations, and national decision-making should be important student considerations.

WORLD AFFAIRS (227)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Prerequisite(s): N/A

World Affairs is a study of international relations and world affairs in a contemporary setting. Students will closely examine the relationships between states, actors, and international organizations to analyze the reasons behind the choices they make, and the impact of those choices in an international environment. Particular attention will focus on the steps that the United States, the United Nations, and the international community take to address issues. Units of study include background on international actors and systems, international law and the United Nations, human rights, and conflicts and resolutions. Students that enjoy class debates and simulations about international relations, diplomacy, and conflict resolution should strongly consider taking this class.

YOUTH APPRENTICESHIP - GOVERNMENT AND PUBLIC ADMINISTRATION (230YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate "school-based" and "work-based" learning and to provide the student with academic and occupational skills in the Government and Public Administration field. See [Youth Apprenticeship](#) section on page 18 for more information.



TECHNOLOGY & ENGINEERING EDUCATION

DEPARTMENT MISSION

Preparing tomorrow's skilled workforce for success in the professional world.

CAREER PATHWAYS

- Animator
- Architect (interior, exterior and landscape)
- Art Director
- Automotive Technician
- Carpenter (construction trades)
- Electrician
- Engineer (mechanical, structural, electrical, civil, environmental, etc.)
- Graphic Designer
- Illustrator
- Maintenance Technician
- Millwork
- Photographer
- Plumber
- Press Operator
- Robotic Programmer
- Tool and Die Making
- CNC Machinist
- Video Editor
- Web Designer
- Welder/Fitter/Fabricator

GRADUATION REQUIREMENT

0.5 Credit from Art, Business, Family & Consumer Science, Music, or Technology & Engineering Education

COURSE SELECTION FLOW CHART

Elective Courses:

Architecture	Civil Engineering & Architecture PLTW*	Construction 1	Construction 2*
Digital Electronics PLTW	Engineering Design & Development PLTW*	Intro to Engineering Design PLTW	Introduction to Woodworking
Manufacturing Capstone*	Metals 1	Photo/Video/Animation 1	Principle of Engineering PLTW
TC Animation 2*	TC Automation*	TC Automotive 1	TC Automotive 2*
TC Automotive 3*	TC Graphics 1	TC Graphics 2*	TC Metals 2*
TC Photography 2*	TC Video 2*	TC Web & App Design	TC Welding 2*
TC Yearbook*	Welding 1	YA: Agriculture, Food, & Natural Resources	YA: Architecture & Construction
YA: Arts, A/V, Communication, & Tech	YA: Manufacturing	YA: Science, Tech, Engineering, & Math	YA: Transportation, Distribution, & Logistics

* = Course has prerequisites. See course descriptions for details.

** =Other courses may be taken to meet this required credit. See course descriptions for details.

YA =Youth Apprenticeship

COURSE OFFERINGS

Architecture/Construction/Woods Courses:

ARCHITECTURE (843)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Architecture is the study of the design and construction of residential and commercial building projects. Students will learn about design elements and principles and how to use them in order to create aesthetically pleasing forms and spaces. Students will take a look at our environment and how it is used to create interior and exterior spaces to accommodate client needs. The major focus of the Architecture course is to expose students to the design and construction of residential and commercial building projects, design teams and teamwork, communication methods, and professional and educational opportunities. Architecture is a high school level course that is appropriate for 9-12 students interested in careers related to architecture, construction and engineering.

CONSTRUCTION 1(833)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Construction 1 is an overview of the construction industry presented through a variety of classroom and lab experiences. Students will be introduced to the mechanical, electrical, and structural systems used in residential and commercial construction. Classroom and lab activities will provide students with consumer knowledge and the ability to make alterations, repairs and potential career choices.

INTRODUCTION TO WOODWORKING (830)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Introduction to Woodworking is designed for 9th to 12th grade students that are interested in learning woodworking fundamentals and technique. In this course, students will gain knowledge in measurement, layout, and equipment safety. Students will be given the opportunity to demonstrate knowledge and skills while building a variety of wood projects. Safety glasses are required.

CONSTRUCTION 2 (839)

Course Length: One or Two Years
Credit(s): 2.0 (per year taken)
Grade Level(s): 11, 12
Prerequisite(s): Construction 1 (833)

Construction 2 is an in-depth, hands-on, advanced class based on the construction industry and presented through a variety of classroom, lab, and off site experiences. Students will dive deeper into the mechanical, electrical, and structural systems used in residential and commercial construction. Activities will provide students with consumer knowledge and the ability to make alterations, repairs and potential career choices along with estimating projects. Students will learn to work with clients and provide solutions to their needs. Industry partners will come in and discuss job opportunities and schooling options. Safety glasses are required. This course can be taken both Junior and Senior year. Students must provide their own transportation.

YOUTH APPRENTICESHIP - ARCHITECTURE & CONSTRUCTION (843YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the Architecture & Construction fields. See [Youth Apprenticeship](#) section on page 18 for more information.



Automotive Courses:

TC AUTOMOTIVE 1 (829)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): N/A

Transcribed Credit: (2) MPTC - Automotive Service Fundamentals 602-107

TC Automotive 1 is designed to provide students with an opportunity to explore the vast Automotive Industry. Throughout the course, students will be taught the basic practical skills needed to perform routine maintenance and basic repairs on a vehicle. Lab time will be spent learning and practicing skills such as oil change, tire rotation, as well as other basic service and maintenance using industry standard service information. Safety glasses are required.

TC AUTOMOTIVE 2 (827)



Course Length: One Semester (2-period back-to-back course)

Credit(s): 1.0

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): TC Automotive 1 (829)

Transcribed Credit: (3) MPTC - Brake Systems

This mid level course is designed to give students a deeper understanding of vehicle repair and maintenance. Students will learn the major systems for a vehicle through understanding theory as well as applying concepts on vehicles in the lab. The areas of focus include but are not limited to: vehicle cooling and heating systems, charging and starting systems, steering and suspension, brakes, and wheels and tires. Safety glasses are required.

TC AUTOMOTIVE 3 (828)



Course Length: One Year (2-period back-to-back course)

Credit(s): 2.0

Grade Level(s): 10, 11, 12

Prerequisite(s): TC Automotive 2 (827)

Transcribed Credit: (2) MPTC - Engine Repair I 602-103

(2) MPTC - Electrical & Electronic Systems 1602-125

This class is for students who desire employment in the automotive field. Units of study include the diagnosis and repair of all major vehicle systems with related lab work performed throughout the year as vehicles become available. Students are expected to play a role in the management of the shop by using computers equipped with professional grade shop management software. Students can also be enrolled in Transportation Distribution and Logistics Youth Apprenticeship. Students can earn transcribed credit through Moraine Park Technical College upon completion.

YOUTH APPRENTICESHIP - TRANSPORTATION, DISTRIBUTION, & LOGISTICS (826YA)



Course Length: One or Two Years

Credit(s): 2.0 or 4.0

Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the Transportation, Distribution, and Logistics fields. See [Youth Apprenticeship](#) section on page 18 for more information.

Digital Media and Communications Courses:

PHOTO/VIDEO/ANIMATION 1(863)

Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): N/A

Photo/Video/Animation is designed to give students an introduction into the area of digital manipulation, digital photography, video production, and digital drawing. Students will engage in activities such as taking digital photographs and modifying photographs using Adobe Photoshop. Students will learn the basics of drawing with the proper workflow utilizing Photoshop. Students will also learn to plan, shoot, and export video using Adobe Premiere Pro.

TC WEB & APP DESIGN (873)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 9, 10, 11, 12

Prerequisite(s): N/A

Transcribed Credit: (3) MPTC - Introduction to Website Design 152-106

Students will design, develop, and publish a website using the Adobe creative suite, with an introduction to software coding. Website enhancements will be made using the features of Adobe Dreamweaver, Adobe Flash, and Adobe Photoshop. Students will design and explore apps using the MIT app inventor software. Students can earn transcribed credit through Moraine Park Technical College upon completion.

TC ANIMATION 2 (867)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): Photo/Video/Animation 1 (863)

Transcribed Credit: (3) MPTC - Basic Drawing for Animation 207-122

TC Animation 2 will allow students to expand their knowledge of animation and digital media by studying various animation processes including pencil and paper drawing, computer drawing, and animation of those subjects. Students will also study various techniques for drawing different characters and scenes and utilize various software applications to animate objects and characters. Students can earn transcribed credit through Moraine Park Technical College upon completion and may earn an Adobe Certified Professional in Photoshop and/or InDesign certification(s).

TC PHOTOGRAPHY 2 (865)



Course Length: One Semester

Credit(s): 0.5

Grade Level(s): 10, 11, 12

Prerequisite(s): Photo/Video/Animation 1 (863)

Transcribed Credit: (2)MPTC - Image Editing 206-100

TC Photography 2 will allow students to expand their knowledge of digital imaging and photography. Students will be studying all aspects of digital photography, including camera controls, lighting set-up, light meter reading, image file types, input and output of images, and digital manipulation and design. Students will be using the Adobe Suite of software to enhance their photography. Students can earn transcribed credit through Moraine Park Technical College upon completion and may earn an Adobe Certified Professional in Photoshop and/or InDesign certification(s).

Students must purchase an SD card.

TC VIDEO 2 (864)



Course Length: One Year

Credit(s): 1.0

Grade Level(s): 10, 11, 12

Prerequisite(s): Photo/Video/Animation 1 (863)

Transcribed Credit: (2) MPTC - Motion & Visual Effects 206-108

(3) MPTC - Video & Sound Editing 206-110

This course is designed for students who want to learn more about the skills of video production and editing. Topics covered in this course include: video cameras and styles, scripting and storyboarding, directing and producing videos, capturing quality video, editing video, proper file management, and exporting properly formatted video files. During the course students will be planning, producing, directing, editing, and exporting multiple video projects using the adobe suite. Students will also be in charge of producing the Friday video announcements using the television studio and broadcast equipment. Students can earn transcribed credit through Moraine Park Technical College upon completion and may earn an Adobe Certified Professional in Premiere Pro and/or InDesign certification(s). Students must purchase an SD card.

TC GRAPHICS 1 (861)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Transcribed Credit: (2) MPTC - Introduction to Graphic Communication 111-101

This course offers an introduction to both graphic design and printing technology. During the semester students will utilize a screen printing press to print t-shirts of their own design, an offset lithographic press to print notepads of their own design, and the dye-sublimation printing process to print on products such as coffee mugs, mouse pads, and water bottles. Students will also utilize several software programs including Adobe Photoshop CC, Adobe Illustrator CC, and Adobe InDesign CC. By the end of the semester students will also gain an understanding of the workflow required to take a digital design to a physical product. Beyond software exploration, students will learn about communications in a digital platform, content creation for print, and online communication. Students can earn transcribed credit through Moraine Park Technical College upon completion.



TC GRAPHICS 2 (872)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): TC Graphics 1 (861)
Transcribed Credit: (2) MPTC - Beginning Photoshop 103-170
(2) MPTC - Vector Illustration I 204-102

This class builds on the knowledge learned in TC Graphics 1 to assist and guide students who are interested in graphic related careers. Students will engage in advanced printing processes for both screen printing and offset lithography printing including four color process printing. Students will also utilize the dye-sublimation printing process on advanced substrates as well as the vinyl cutter. Students will learn more about the principles of design and design elements used in the graphic design process. Students will also expand their skills using several software programs including Adobe Photoshop CC, Adobe Illustrator CC, and Adobe InDesign CC. Students can earn transcribed credit through Moraine Park Technical College upon completion and may earn an Adobe Certified Professional in Illustrator and or InDesign certification(s).



TC YEARBOOK (870)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Photo/Video/Animation 1 or TC Graphics 1
Transcribed Credit: (2) MPTC - InDesign 103-174

The goal of this class is the production of the high school yearbook. Students will utilize prepress skills including graphic design, photo editing, and document layout using Adobe InDesign and Adobe Photoshop. Students will also learn basic photography skills required for taking photos for the yearbook. Students can earn transcribed credit through Moraine Park Technical College upon completion. It is recommended that course TC Graphics 1 (861) be taken first, although this is not required.



YOUTH APPRENTICESHIP - ARTS, A/V, COMMUNICATION, & TECHNOLOGY (871YA)

Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate "school-based" and "work-based" learning and to provide the student with academic and occupational skills in the Arts, A/V, Technology & Communications fields. See [Youth Apprenticeship](#) section on page 18 for more information.



Engineering Courses:

INTRO TO ENGINEERING DESIGN (IED) - PLTW (858)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Students use a problem-solving model to improve existing products and invent new ones in and out of the classroom. Using sophisticated three-dimensional modeling software, students will learn to communicate the details of these products. Emphasis is placed on analyzing potential solutions and communicating these solutions to others. This course covers many of the basic engineering concepts including; design process, 3D-computer modeling, animation, drawings, parametrics, and marketing.



PRINCIPLES OF ENGINEERING (POE) - PLTW & ES (857)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

This introductory course covers various technology systems and manufacturing processes and introduces students to a wide variety of careers in engineering and technology fields. Using hands-on activities and projects students learn firsthand how engineers and technicians use math, science, and technology in an engineering problem-solving process to benefit people. The course also addresses concerns about social and political consequences of technological change. This course covers many of the basic concepts within the engineering field including careers, programming, robotics, automation, drafting, and physics. This course may count for one elective credit of Science. Consult with your school counselor to discuss this option.



CIVIL ENGINEERING & ARCHITECTURE (CEA) - PLTW (805)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction, including building components and systems, structural design, stormwater management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry. The major focus of the CEA course is to expose students to the design and construction of residential and commercial building projects, design teams and teamwork, communication methods, engineering standards, and technical documentation.



DIGITAL ELECTRONICS (DE) - PLTW (862)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A

The purpose of this introductory pre-engineering course is to develop logical thinking skills through problem solving and designing control systems. Students will gain a better understanding of the digital circuits in microelectronic design, manufacturing, computer technology, and information systems.



ENGINEERING DESIGN & DEVELOPMENT (EDD) - PLTW (859)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Two PLTW Courses

This capstone-engineering course is a research course that requires students to formulate the solution to an open-ended engineering question. With a community mentor and skills gained in their previous courses, students create written reports on their applications, defend the reports, and submit them to a panel of outside reviewers at the end of the school year. *Note: This course is only offered every other school year for odd school years. This course will be offered in the 2026-27 school year.*



YOUTH APPRENTICESHIP - SCIENCE, TECHNOLOGY, ENGINEERING, & MATHEMATICS (857YA)



Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the Architecture & Construction, Arts, A/V, Technology & Communications, Manufacturing, Science, Technology, Engineering & Mathematics (STEM), and Transportation, Distribution, and Logistics fields. See [Youth Apprenticeship](#) section on page 18 for more information.

Manufacturing Courses:

METALS 1 (803)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

In this introductory course, students will work primarily with metals and plastics. Students will discover how the raw materials are made and learn how to process them. Students will gain experience with cutting, grinding, machining, and more. Upon course completion, students will have learned to use manual equipment such as milling machines, lathes, and drill presses while also learning to work with CNC controlled milling machines. Safety glasses are required and a project fee may be charged.

WELDING 1(802)

Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Welding 1 is designed for students that are interested in gaining entry-level welding skills. Students will learn the fundamentals of using SMAW and GMAW processes. Students will also receive instruction in plasma arc and oxy-fuel cutting. Safety glasses and welding gloves are required.

TC METALS 2 (804)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): Metals 1 (803)

Transcribed Credit: (3) MPTC - Manufacturing Processes 623-162

In this course students will increase their knowledge of basic machine tools, such as the mill, lathe, and drill press. The students will also learn new processes, such as plasma cutting, machining, injection molding, and casting. Lastly, students will learn the basic process of programming a CNC machine using G and M codes. Students can earn transcribed credit through Moraine Park Technical College upon completion. Safety glasses are required and a project fee may be charged.



TC AUTOMATION (812)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): N/A
Transcribed Credit: (2) MPTC - Mastercam 444-340

(2) MPTC - Introduction to Robotics 442-370

In this course, students will learn how to use automation software and computers to control CNC machines and robots. The students will use the software and machines to complete various projects and tasks. Students will have an opportunity to receive MPTC credits for Mastercam and Intro to Robotics and also may receive a Fanuc Robotics certification. Students are required to visit MPTC four times in one Semester to complete coursework. Safety glasses are required. *Note: This course is only offered every other school year for even school years. This course will be offered in the 2027-28 school year.*



TC WELDING 2 (806)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): Welding 1 (802) and Metals 1 (or concurrent)
Transcribed Credit: (2) MPTC - Shielded Metal Arc Welding 442-356
(2) MPTC - Gas Metal Arc Welding I 442-357
(1) MPTC - Welding Theory and Safety 442-337

This course is designed for 10th - 12th grade students that are interested in learning advanced welding techniques using SMAW, GMAW, FCAW and GTAW processes. Instruction will also include weld process theory, weld discontinuity identification, weld print reading, and oxyfuel and plasma cutting. Students can earn transcribed credit through Moraine Park Technical College upon completion. Safety glasses and welding gloves are required.

MANUFACTURING CAPSTONE (807)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Students must have completed one of the following three courses: TC Metals 2 (804), TC Welding 2 (806), or TC Automation (812)

Manufacturing Capstone is a course designed to give students exposure to the production pathway of manufacturing. Using the skills they obtained through TC Welding 2, TC Metals 2, or TC Automation students will work in small groups to simulate small business enterprise and production manufacturing. Students will work in the area they are most skilled or have completed the prerequisites for. It is also possible for manufacturing students to collaborate with welding students, depending on their business model. Along with furthering their skills, students will learn how to work as a team, solve business related problems, and work with customers. Safety glasses are required.

YOUTH APPRENTICESHIP - MANUFACTURING (811YA)



Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the Manufacturing field. See [Youth Apprenticeship](#) section on page 18 for more information.

YOUTH APPRENTICESHIP - AGRICULTURE, FOOD, & NATURAL RESOURCES (856YA)



Course Length: One or Two Years
Credit(s): 2.0 or 4.0
Grade Level(s): 11, 12

This course is designed for students to integrate “school-based” and “work-based” learning and to provide the student with academic and occupational skills in the Agriculture, Food, & Natural Resources fields. See [Youth Apprenticeship](#) section on page 18 for more information.

General Electives:

TC COLLEGE 101 (999)



Course Length: One Semester
Credit(s): 0.5
Grade Level(s): 11, 12
Transcribed Credit: (2) MPTC - College 101 890-101

This is a required course for any student planning to enroll at Moraine Park Technical College after high school. This course develops tools and strategies that support success in college. The course focuses on utilizing Moraine Park websites, online Course Management System and college resources. Student responsibility and expectations for success in college are explored, including learning strategies, goals, lifestyle balance and skills for interdependence. *Please Note: This course counts towards WBHS elective credit.*

WORLD LANGUAGE

DEPARTMENT MISSION

The World Language program at WBHS seeks to promote linguistic and cultural literacy while cultivating a life-long appreciation and enthusiasm for languages and the cultures they reflect. We believe that all students can learn a new language and that a global mind-set is a necessity and an asset in today's society. The study of world languages is an interdisciplinary pursuit and it intrinsically helps students view issues from a global perspective. Students gain an increased knowledge of their relationship to the world by developing an appreciation for other viewpoints and a deeper understanding of their own culture and the world at large. World Language study also improves students' academic capability increasing ACT test scores and potentially earning college retroactive and AP (Advanced Placement) credit. We support school goals at WBHS by enhancing students' language and communication skills. Furthermore, as students learn points of view different from those of their own culture, they are challenged to think critically and to become more aware of their own aesthetic and cultural values.

CAREER PATHWAYS

Although all careers can benefit from World Language skills, here are some specific areas where World Languages are especially beneficial.

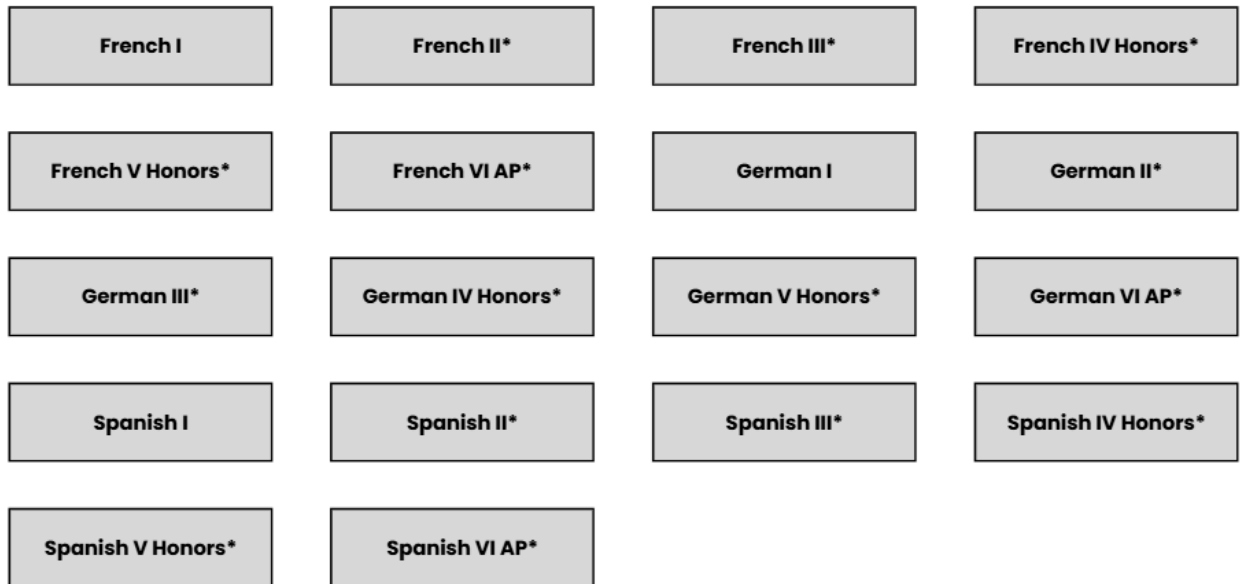
- Diplomacy
- Education
- Engineering
- Environmental Fields
- Hospitality/Tourism
- Journalism
- Legal System
- Manufacturing
- Medical Field
- Retail/Trade

GRADUATION REQUIREMENT

0.5 Credit from Art, Business, Family & Consumer Science, Music, or Technology & Engineering Education

COURSE SELECTION FLOW CHART

Elective
Courses:



* = Course has prerequisites. See course descriptions for details.

** =Other courses may be taken to meet this required credit. See course descriptions for details.

YA =Youth Apprenticeship

COURSE OFFERINGS

French:

FRENCH I (351)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

This course will introduce students to the pronunciation, vocabulary, grammar, and culture of the French-speaking world. Not only will students begin to understand written and spoken French, they will be able to write and speak it creatively at a Novice-Mid level. Students will be able to have basic conversations and will be able to discuss topics important to them such as friends and families, school and leisure time activities, cafés and restaurants, food, and home life. This is an introductory novice level course.

FRENCH II (352)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): French I (351) or equivalent middle school course

Students will expand their abilities to understand and communicate in written and oral French at the Novice-High level. Cultural studies are expanded to French speaking countries other than France. Students will learn to talk about past events. Other topics include sports, clothing and shopping, leisure time activities, home life, cafés & restaurants, cities and Paris monuments.

FRENCH III (353)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): French II (352) or equivalent middle school course

Students will continue to improve their abilities to understand and communicate in written and oral French as they move into the Intermediate-Low language level. Students will expand their abilities to speak about past and future events. New topics covered include food, weekend activities, entertainment, fitness and health, transportation, vacations, city versus country life, fashion and careers. Cultural topics include regional France, holidays, French-speaking Europe, Quebec, the French Caribbean, and French Africa.

FRENCH IV HONORS (354)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): French III (353)

Students will expand their communication skills through grammar and vocabulary review and expansion at the Intermediate-Mid level. Students will also expand their reading skills by reading short selections from French literature as well as excerpts from French newspapers and magazines. New topics covered are vacations & travel, cultural activities, health & medicine, home & school, French speaking world & highlights of French history, art, and literature.

FRENCH V HONORS - LANGUAGE, LITERATURE, & CULTURE (354B)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): French IV Honors (354)

This course is a rigorous course which incorporates more challenging grammar review with practice in the four communicative modes of Reading, Writing, Listening and Speaking within the Interpretive, Interpersonal and Presentational contexts. Students read French history and literary texts including a short novel and learn about culture through the use of authentic materials that are representative of the French-speaking world. Materials include a variety of different media and support the 6 AP curricular themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. The teacher uses French in class and encourages students to do so as well. This course is designed to provide the foundation necessary for success in French VI AP or college placement testing.

FRENCH VI - AP LANGUAGE & CULTURE (355)



Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): French V Honors (354B)

This course is designed to increase students' communication skills in French at the Intermediate-High level. This course is taught in French and the content focuses on French language and culture as experienced through film, literature, authentic non-fiction texts, music, and current events in the 6 AP curricular themes: Environmental, Political, and Societal Challenges, How Science and Technology Affect Our Lives, Factors That Impact the Quality of Life, The Influence of Language and Culture on Identity, Families in Different Societies, and Influences of Beauty and Arts. Students will enhance their language skills through an advanced study of grammar and will apply their knowledge in the four communicative modes of Reading, Writing, Listening and Speaking within Interpretive, Interpersonal and Presentational modes. Because this course is aligned to the College Board standards for AP proficiency, students are encouraged, but not required, to take the Advanced Placement test. Coursework will prepare students for the exam by providing opportunities for rigorous proficiency practice in the Intermediate high to Advanced Low range according to the ACTFL Performance Guidelines for K-12 learners. *Cost of the AP exam is \$100, which is subject to change.*

German Courses:

GERMAN I (361)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Students are introduced to the pronunciation, vocabulary, grammar, and culture of the German-speaking people. Emphasis is on oral comprehension and speaking. Students learn novice communication skills and will be able to communicate about simple topics that are familiar to them, such as school, family and personal interests. This is an introductory novice level course.

GERMAN II (362)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): German I (361) or equivalent middle school course

Students will improve their communication abilities with the German Language at a high novice level. The major language benchmark will be the ability to communicate about past events regarding simple topics that are familiar to them. Content focus will be the German city, arts and entertainment, and vacations.

GERMAN III (363)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): German II (362) or equivalent middle school course

Students will refine their communication abilities with the German Language at an intermediate low level. Grammar and language will revolve around the context of the modern German speaking countries and making comparisons and connections to our local communities. Students will learn about the German household and school system and the geographic and political landscape of Germany.

GERMAN IV HONORS (364)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): German III

Students will refine their communication abilities with the German Language at an intermediate mid level. Grammar and language will revolve around context relationships, work and fictional literature. Students will learn to narrate past events both interpersonally and as a presentation.

GERMAN V HONORS - LANGUAGE, LITERATURE, & CULTURE (364B)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): German IV Honors (364)

German V Honors - Language, Literature, and Culture engages students in a comprehensive overview of the German Language through rigorous writing, speaking, and listening in the context of thematic units, with a special emphasis on reading. Performance-based projects that will support growth toward Intermediate High Proficiency, according to the ACTFL Performance Guidelines. This course is designed to provide the foundation necessary for success in AP German or placement testing beyond high school.

GERMAN VI - AP LANGUAGE & CULTURE (365)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): German V Honors (364B)

German VI - AP Language and Culture provides rigorous practice in the German language in order to raise student proficiency to its maximum potential. This course is taught in German and focuses on the themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. Proficiency is measured through performance assessments in which students apply strategies to communicate in the following three modes: Interpersonal, Interpretive and Presentational. The content focuses on German language and culture as experienced through film, literature, authentic non-fiction texts, music, and current events. Because this course is aligned to the College Board standards for AP proficiency, students are encouraged, but not required, to take the Advanced Placement test. Coursework will prepare students for the exam by providing opportunities for rigorous proficiency practice in the Intermediate high to Advanced range according to the ACTFL Performance Guidelines for K-12 learners. *Cost of the AP exam is \$100, which is subject to change each year.*



Spanish Courses:

SPANISH I (371)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): N/A

Students are introduced to the pronunciation, vocabulary, grammar, and culture of Spanish speaking people around the world. Students learn novice communication skills and will be able to communicate in the present tense about simple topics that are familiar to them, such as school, family and personal interests. This is an introductory novice level course.

SPANISH II (372)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Spanish I (371) or equivalent middle school course

In Spanish II students will continue to work on the four standards of speaking, listening, reading and writing. They will increase their Spanish vocabulary and learn how to form affirmative tú commands, the present progressive verb tense and the preterite verb tense.

SPANISH III (373)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 9, 10, 11, 12
Prerequisite(s): Spanish II (372) or equivalent middle school course

Students refine previous skills learned as well as expand their understanding of the language. Speaking and listening comprehension skills continue to be emphasized. In addition, students develop their abilities to read and write Spanish. Students continue to add to their vocabulary knowledge. Grammatical development allows students to expand their ability to communicate on a broader level.

SPANISH IV HONORS (374)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 10, 11, 12
Prerequisite(s): Spanish III (373)

Spanish IV Honors is a rigorous course in which students will expand their communication skills through grammar and vocabulary review. Building upon previously learned vocabulary and grammar, students will engage in various dialogues and skits practicing the language and make meaningful connections. Reading and writing will be visited in all units. Materials include a variety of different media and curricular themes. The teacher uses Spanish for the majority of the communications and encourages students to do so as well.

SPANISH V HONORS - LANGUAGE, LITERATURE, & CULTURE (374B)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Spanish IV Honors (374)

Spanish V Honors - Language, Literature and Culture is a rigorous course which incorporates more challenging grammar review with practice in the four communicative modes of Reading, Writing, Listening and Speaking within the Interpretive, Interpersonal and Presentational contexts. Students read authentic Spanish fiction and nonfiction texts and learn about culture through the use of authentic materials that are representative of the Spanish-speaking world. Materials include a variety of different media and support the 6 AP curricular themes of Global Challenges, Science and Technology, Contemporary Life, Personal and Public Identities, Families and Communities, and Beauty and Aesthetics. The teacher uses Spanish in class and encourages students to do so as well. This course is designed to provide the foundation necessary for success in AP Spanish VI or college placement testing.

SPANISH VI - AP LANGUAGE & CULTURE (375)

Course Length: One Year
Credit(s): 1.0
Grade Level(s): 11, 12
Prerequisite(s): Spanish V Honors (374B)

Spanish VI- AP Language and Culture is a rigorous course designed to increase students' communication skills in Spanish and start to prepare students for the AP Spanish Language and Culture exam. The course incorporates more challenging grammar review with practice in the four communicative modes of Reading, Writing, Listening and Speaking within the Interpretive, Interpersonal and Presentational contexts. Students learn about culture through the use of authentic materials that are representative of the Spanish-speaking world. Materials include a variety of different media and support the 6 curricular themes of Families in different societies, The influence of language and culture on identity, Influences of beauty and art, How science and technology affect our lives, Factors that impact the quality of life, Environmental, political and societal challenges. The teacher uses Spanish almost exclusively in class and encourages students to do so as well. Taking the Advanced Placement exam is strongly encouraged for seniors, though not a requirement. *Cost of the AP exam is \$100, which is subject to change each year.*



ADMINISTRATION & COUNSELING

West Bend East & West High Schools
1305 E. Decorah Road
West Bend, WI 53095

East High School Office: (262)335-5530
West High School Office: (262)335-5570
Counseling Office: (262)335-5580
Attendance Office: (262)335-5550

ADMINISTRATION

Executive Principal.....[Mrs. Jennifer Potter](#)
Office: (262)335-5629

Associate Principal[Mr. David Uelmen](#)
Office: (262)335-5592

Assistant Principal (Class of 2027).....[Mr. Bob Feldkamp](#)
Office: (262)335-5571

Assistant Principal (Class of 2028).....[Mr. Jared Kiesow](#)
Office: (262)335-5587

Assistant Principal (Class of 2029).....[Ms. Kelsey Petersen](#)
Office: (262)335-5569

Assistant Principal (Class of 2030).....[Mr. David Riley](#)
Office: (262)335-5532

COUNSELING

Class of 2030 Last Names A-P.....[Mrs. Jamie Thomas](#)
Office: (262)335-5573

Class of 2030 and Class of 2029 Last Names Q-Z.....[Mrs. Nicole Miller](#)
Office: (262)335-5582

Class of 2027 and Class of 2028 Last Names A-Ha.....[Mrs. Kara Phillips](#)
Office: (262)335-5543

Class of 2027 Last Names He-Z.....[Mrs. Juliana Delgado](#)
Office: (262)306-4805

Class of 2028 Last Names He-Z.....[Mrs. Jennifer Hanni-Schmitz](#)
Office: (262)335-5581

Class of 2029 Last Names A-P.....[Mr. Matthew Coyle](#)
Office: (262)335-5579

School Psychologist.....[Ms. Audrey Sobczak](#)
Office: (262)335-6183

CAREER READINESS CENTER

Career Readiness Center Advisor.....[Ms. Marissa Mueller](#)
Office: 262-305-4195

Career Education and ACP Coordinator.....[Mrs. Brenda O'Brien](#)
Office: 262-306-4603