

**HILBERT HIGH SCHOOL
COURSE REGISTRATION GUIDE
2025-2026**



Hilbert High School
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School District of Hilbert

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Invest, Interact, Inspire... Every Child, Every Day!

Dear Hilbert High School Students:

Welcome to the registration process for the 2025-2026 school year. This process is vital for you and your parents. During the next several months you will be making decisions regarding your education that assist your path in work and life. This course guide is designed to help you and your parents choose courses that will influence your future. As you proceed with the registration process, we encourage you to think about long-range planning and keep your options open. You should develop a program of study that will allow you flexibility and adjustment as your career focus becomes clear.

All high school students must have 23 credits to graduate: 4 English credits, 3 math credits, 3 social studies credits, 3 science credits, 1.5 physical education credits, .5 credit health, .5 credit careers, .5 credit personal finance, 7 credits of electives. In addition, all students must pass the State of Wisconsin mandated civics exam and develop an Academic & Career Plan (ACP) that culminates with mock interviews their senior year. Twenty-five hours of community service is a graduation requirement and a part of our Academic and Career Plan (ACP).

When choosing your electives, make certain that you consider your future. Many times, these are the classes that develop interest and eventually become a career path for you to pursue whether in career opportunities, two-year technical or university colleges, or four-year universities. Your elective choices will help you investigate different career areas and strengthen your reading, writing, speaking, listening, mathematic and problem-solving skills. We offer electives in fine arts, business, career and technical areas, and health and wellness.

If you are planning to attend college, it is recommended you take an additional one or two credits of science and mathematics. Depending on your desired college, two credits of a foreign language may also be required. It is recommendations like these that make long-range planning so important when choosing your course selections.

We encourage you to seek advice from your advisor, teachers, school counselor, principal, and most importantly, your parents. Our challenge to you is to take sufficient courses each semester that will contribute to the success of your future.

Sincerely,

A handwritten signature in cursive script that reads "Anthony Sweere".

Anthony Sweere
District Superintendent

Guidance and counseling services are available to each of you to aid in your academic success in school, to help you better understand your strengths and limitations, to deal with personal and social concerns, and to help in planning for and attaining realistic goals.

The school counselor focuses on facilitating:

- Student transitions from middle school and from high school
- Academic progress of students
- Career exploration
- Post-secondary planning
- Personal and social health

Whenever you have a concern or need information, you are encouraged to see your counselor. Throughout the course registration guide you will see an increased emphasis on career exploration and development. As you engage in the process of making career decisions, it is important that you understand the purpose and expectations of the university system, technical college, and the world of work.

The school counselor can be of help in providing information about post high school opportunities:

Technical Colleges: These programs offer opportunities to learn specialized skills and trades that meet the needs of business and industry. Requirement: High school diploma or equivalent. See pages 8-9 for more information.

College and Universities: Many colleges and universities have two-year and four-year programs. High school coursework should prepare you for college by helping develop strong skills in at least four areas—English, math, social studies and natural sciences. Foreign language is also recommended. See pages 8-10 for more information.

Armed Forces: Recruiters visit the high school regularly to provide up-to-date information. Requirements: High school diploma. For more info go to <https://www.todaysmilitary.com/>.

Post High School Apprenticeships: may be available through sponsorship by a trade professional. It typically includes technical college coursework and on-the-job training. Requirement: high school diploma or equivalent. For more info visit <https://dwd.wisconsin.gov/apprenticeship/>.

World of Work-Plan Ahead!

Students increase employment options and opportunities by selecting career-related courses. Wisconsin Job Centers provide a “one-stop” service for employers to meet their workforce needs and job seekers to get the career planning, job placement and training services they need to get jobs. For more info, go to: <https://jobcenterofwisconsin.com>

Testing Information

- All **sophomores** will take the state-mandated **Wisconsin Forward Exam** for Social Studies during the spring semester.
- **Juniors** are required by the state to take the **ACT® Plus Writing** in late February or early March at the high school. The ACT® Plus Writing includes four multiple-choice sections—English, Mathematics, Reading, and Science—as well as a 30-minute essay to assess writing skills. In addition to the state-mandated testing date, the ACT will also be available multiple times throughout the year at local testing centers, with specific registration deadlines for each session. All juniors will participate in a test prep day in February, designed to provide helpful strategies and tips for test day. Keep in mind that some scholarships may require ACT scores to be submitted early in your senior year. Free ACT Test Prep websites can be found at: www.act.org and <https://www.wisconsinprivatecolleges.org/counselors/counselor-resources> (click on the Free Test Prep link).
- To help prepare for the ACT test, all juniors will be given a **PreACT** test in fall.
- Both the **PreACT** and **ACT** test that are administered at HHS will be paid for by the School District.

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As part of the state-mandated Academic & Career Plan (ACP), all students will develop an Individualized Learning Plan (ILP) during their 8th grade academic advising meeting with the school counselor. This is a "work in progress" and is reviewed each year with their assigned academic advisor and/or the school counselor. Students and their parents or guardians should use the following career information to develop and review their ILPs for the student's four years of school. (A blank ILP can be found at the end of this registration guide.) In addition, throughout high school students will develop and update their ACP on the Xello website: <https://login.xello.world/>. Hilbert High School (HHS) is proud to offer a comprehensive high school experience. The Association for Career & Technical Education (ACTE) outlines 16 nationally established Career Clusters & Career Pathways: <https://careertech.org/career-clusters>. Students at HHS are able to complete course work in all of these Career Clusters. We are able to offer several Programs of Study for students to explore while in high school.

Hilbert High School Career Clusters

Agriculture, Food & Natural Resources: Careers in agriculture, food and natural resources involve the production, processing, marketing, distribution, financing and development of agricultural commodities and resources. These include food, fuel, fiber, wood products, natural resources, horticulture and other plant and animal products/resources.

_Eng 101-CAPP Composition
_Oral/IP Communication
_Written Communication
_Spanish

_Statistics
_Pre- Calculus
_Anatomy & Physiology
_Chemistry

_AP Biology
_Ecology
_Physics: Application of Forces,
Harmonic Motion & Waves
_Welding: Intro to Metals, Intro
to Welding & Safety-TC, Related
Welding-TC

Architecture & Construction: Careers in architecture and construction range from designing, planning, managing and building a structure, to maintaining the built environment.

_Eng 101-CAPP Composition
_Eng 150-CAPP Literature
_Oral/IP Communication (TC)
_Statistics
_AP Calculus AB

_Chemistry
_Physics: Application of Forces,
Harmonic Motion & Waves
_Spanish
_Psychology
_Social Problems
_Economics

_Intro to Accounting-TC
_First Aid & Safety
_Computer Aided Drawing (CAD)
_Exploring Construction
_Woodworking & Mfg
_ Woodworking/Mfg II

Arts, A/V Technology & Communication: Arts, audio/video technology and communications careers include designing, producing, exhibiting, performing, writing and publishing multimedia content. This field also involves the visual and performing arts, journalism and entertainment services.

_Eng 101-CAPP Composition
_Eng 150-CAPP Literature
_Oral/IP Communication (TC)
_Spanish
_Psychology

_Statistics
_Chemistry
_Physics: Application of Forces,
Harmonic Motion & Waves
_Intro to Computer Science
_Web Development/Design

_First Aid & Safety
_Computer Aided Drawing (CAD)
_Woodworking & Manufacturing
_ Woodworking/Mfg II
_Exploring Construction

Business Management & Administration: Business management and administration careers encompass planning, organizing, directing and evaluating business functions that are essential to efficient and productive business operations. These career opportunities are available in every sector of the economy.

_Eng 101-CAPP Composition	_Pre-Calculus	_Sport & Entertainment Business
_Eng 150-CAPP Literature	_AP Calculus AB	_Intro to Business-TC
_Written Communication (TC)	_Statistics	_Microsoft Office-TC
_Oral/IP Communication (TC)	_Chemistry	_Desktop Publishing
_Spanish	_Physics: Application of Forces, Harmonic Motion & Waves	_Intro to Accounting-TC

Education & Training: Careers in education and training involve planning, managing, and providing education and training services, as well as related learning support services.

_Eng 101-CAPP Composition	_Spanish	_Microsoft Office-TC
_Eng 150-CAPP Literature	_Social Problems	_Teacher Assistant
_Statistics	_Psychology	_First Aid & Safety
_Chemistry	_Economics	
_Physics: Application of Forces, Harmonic Motion & Waves	_World History	

Finance: People working in finance are involved in developing services for financial and investment planning, banking, insurance and business financial management.

_Eng 101-CAPP Composition	_AP Calculus AB	_Psychology
_Eng 150-CAPP Literature	_Statistics	_Intro to Business-TC
_Oral/IP Communication (TC)	_Chemistry	_Microsoft Office-TC
_Written Communication (TC)	_Physics: Application of Forces, Harmonic Motion & Waves	_Intro to Accounting-TC
_AP Precalculus	_Economics	_Sport & Entertainment Business

Government & Public Administration: People working in government and public administration careers execute governmental functions including governance, national security, foreign service, planning, revenue and taxation, regulation, and management and administration at the local, state and federal levels.

_Eng 101-CAPP Composition	_Physics: Application of Forces, Harmonic Motion & Waves	_Economics
_Oral/IP Communication (TC)	_Social Problems	_Spanish
_Statistics	_Psychology	_Microsoft Office-TC

Health Science: Planning, managing and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development are all functions of health science careers.

_Eng 101-CAPP Composition	_AP Biology	_Psychology
_Written Communication (TC)	_Anatomy & Physiology	_Social Problems
_Oral/IP Communication (TC)	_Physics: Application of Forces, Harmonic Motion & Waves	_Nursing Assistant-SCN
_Statistics	_Chemistry	_Medical Terminology-SCN
_Spanish	_First Aid & Safety	

Hospitality & Tourism: Hospitality and tourism encompasses the management, marketing and operations of restaurants and other facilities and services including lodging, attractions, recreation events and travel-related services.

_Eng 101-CAPP Composition	_Chemistry	_Intro to Business-TC
_Eng 150-CAPP Literature	_Physics: Application of Forces, Harmonic Motion & Waves	_Sport & Entertainment Business
_Oral/IP Communication (TC)	_Psychology	_Intro to Accounting-TC
_Statistics	_Social Problems	_Microsoft Office-TC
_Spanish	_Economics	

Human Services: Employment in human services focuses on families and human needs. Career pathways include early childhood development, counseling & mental health services, family & community services, consumer services, and personal care services.

_Eng 101-CAPP Composition	_Statistics	_Psychology
_Oral/IP Communication (TC)	_Chemistry	_Social Problems
_Spanish	_Microsoft Office-TC	_Economics

Information Technology: Info technology entry level, technical and professional careers relate to the design, development, support and management of hardware, software, multimedia and systems integration services.

_Eng 101-CAPP Composition	_Pre-Calculus	_Intro to Business-TC
_Eng 150-CAPP Literature	_AP Calculus AB	_Web Development & Design
_Written Communication (TC)	_Chemistry	_Intro to Computer Science
_Oral/IP Communication (TC)	_Physics: Application of Forces, Harmonic Motion & Waves	_AP Computer Science
_World History	_Economics	

Law, Public Safety, Corrections & Security: Planning, managing and providing legal, public safety and protective services and homeland security are some of the functions of law, public safety, corrections and security careers. This field includes professional and technical support services.

_Eng 101-CAPP Composition	_Chemistry	_Spanish
_Eng 150-CAPP Literature	_Physics: Application of Forces, Harmonic Motion & Waves	_Microsoft Office-TC
_Written Communication (TC)	_Psychology	_First Aid & Safety
_Oral/IP Communication (TC)	_Social Problems	

Manufacturing: Careers in manufacturing involve planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance & manufacturing/process engineering.

_Eng 101-CAPP Composition	_Statistics	_Intro to Metals
_Eng 150-CAPP Literature	_Chemistry	_Intro to Welding & Safety-TC
_Oral/IP Communication (TC)	_Physics: Application of Forces, Harmonic Motion & Waves	_Related Welding-TC
_Written Communication (TC)	_Psychology	_Computer Aided Drawing (CAD)
_Economics	_Microsoft Office TC	
_AP Pre-Calculus		

Marketing: People working in marketing careers plan, manage & perform marketing activities to reach organizational objectives. Career pathways include marketing research, management & communication, merchandising, and professional sales.

_Eng 101-CAPP Composition	_Physics: Application of Forces,	_Sport & Entertainment Business
_Eng 150-CAPP Literature	Harmonic Motion & Waves	_Intro to Computer Science
_Written Communication (TC)	_Chemistry	_Web Development & Design
_Oral/IP Communication (TC)	_Psychology	_Intro to Business-TC
_AP Pre-Calculus	_Social Problems	_Desktop Publishing (also adv)
_Statistics	_Spanish	_Microsoft Office-TC
	_Art I, II, II	_Intro to Accounting-TC

Science, Technology, Engineering & Mathematics (STEM): The fields of science, technology, engineering and mathematics (STEM) involve planning, managing and providing scientific research and professional and technical services (such as physical science, social science and engineering). These may include laboratory and testing services, as well as research and development.

_Eng 101-CAPP Composition	_AP Pre-Calculus	_Psychology
_Eng 150-CAPP Literature	_AP Calculus AB	_Economics
_Written Communication (TC)	_Statistics	_Social Problems
_Oral/IP Communication (TC)	_Physics: Application of Forces,	_Computer Aided Drawing (CAD)
_Microsoft Office-TC	Harmonic Motion & Waves	
	_Chemistry	

Transportation, Distribution & Logistics: Careers in transportation, distribution and logistics involve planning, management and movement of people, materials and goods by road, pipeline, air, rail and water, as well as related professional and technical support services such as transportation infrastructure planning and management, logistics services and mobile equipment and facility maintenance.

_Eng 101-CAPP Composition	_Statistics	_Intro to Metals
_Oral/IP Communication (TC)	_Physics: Application of Forces,	_Intro to Welding & Safety -TC
_Written Communication (TC)	Harmonic Motion & Waves	_Related Welding-TC
_AP Precalculus	_Chemistry	_Power & Energy I, II, III
_AP Calculus AB	_Accounting-TC	_Automotive I, II, III
	_Microsoft Office-TC	

- ♦ **Class load** Each student is required to carry courses that meet each class period, including physical education, each year.
- ♦ **Credit** A numerical value given for each subject or course.
All high school students must have 23 credits to graduate.
- ♦ **Required** Courses in which a student must earn credit for high school graduation.

Academic Advising/Registration Process

The academic advising/registration process begins with a group counseling session for students in grades 8-11 conducted by the school counselor. The agenda for the group meeting includes the following:

- Overview of the advising/registration process
- Explanation of graduation requirements
- Explanation of grade level requirements
- Relationship between post-secondary plans and course selections
- Discuss registration guide that can be viewed on the Student Services page of the HHS website.

Individual Academic Advising

Each student will be scheduled for an individual advising session with an academic advisor. The individual session will include:

- Development or update of the four-year individual learning plan (ILP)
- Review of credits earned and needed
- Selection of courses for the next year-both first choice and alternates
- Completion of the pre-registration form, both online and paper copy
- Discussion of student's progress at Hilbert High School

Students and parents should realize that the selection of courses on the pre-registration form does not mean that the student will definitely be placed in those courses next year. Final assignment of courses depends on the total number of requests for a course, the development of the master schedule of classes, and the approval of Administration. Due to possible scheduling conflicts in the master schedule, students may not get their first choice of courses on the pre-registration form. If this is the case, they will be placed in their alternate choices. If there are still scheduling conflicts, students will be counseled again to discuss alternatives to their original selections.

Parent Involvement

Parents will be asked to sign the pre-registration form, and will be contacted whenever the advisor feels courses are being selected that are not in the long-term best interest of the student. Student and parent involvement in course selection is encouraged and valuable.

Since the master schedule, school staff, equipment and supplies are based on the number of students enrolled in each course, **we will not make changes unless it is absolutely necessary. Therefore, you should regard your course selections, including alternates, as unchangeable.**

Students will be given the opportunity to request schedule changes before the end of the school year (typically in May) after the master schedule is set and scheduling conflicts are resolved. Schedule changes will no longer be done in August prior to the beginning of the school year, or before the 2nd semester.

The following guidelines will be used to consider approval of a request for a schedule change.

Requests will be considered when:

1. Physical limitations prevent you from participating in a class (doctor's excuse required).
2. You have a need to fulfill credit deficiencies.

Requests will be denied when:

1. A course of interest has reached a maximum enrollment and is considered closed.
2. The course to be dropped has a minimum enrollment.
3. Drop/Add of year-long courses are typically not allowed and will be done only in unique circumstances necessitating the change.

Area	Grade	Credit	Required
English	9-12	4.0	English 9, English 10, English 11, Selected English 12
Health	9	.5	
Mathematics	9-11	3.0	Algebra I, Geometry, Algebra II
Physical Education	9-12	1.5	
Science	9-12	3.0	Physical Science, Biology, plus, Elective Science 11/12
Social Studies	9-12	3.5	Civics, US History 10, World History, AP US History, Psych, Social Problems, Economics *Personal Finance .50 credit is included and a graduation requirement*
Career Portfolio-Academic Career Plan	9-12	.5	Must successfully complete a Careers unit in 10 th grade, and a portfolio-based rubric (ACP), plus a faculty/counselor evaluation.
Electives	9-12	7	
Total Credits Required:	9-12	23	

- A diploma of graduation will be presented to each student who successfully completes a program of studies prescribed by the Board of Education. Students who fail to meet all requirements will not be permitted to participate in graduation exercises.
- Each student shall complete a minimum of 23 credits from the listing above.
- Each student is required to carry courses that meet each class period, including physical education, each year.
- **25 hours of community service is a graduation requirement.**
- **Passing the Civics Test is a State of Wisconsin graduation requirement.**
- Elective credits are chosen from core subject areas, foreign language and fine arts, as well as other academic and vocational areas.
- Students with excessive unexcused absences and/or unserved detentions may be prohibited from participation in graduation exercises.

Hilbert High School (HHS) will recognize graduating seniors through our Laude System. The Laude System acknowledges student achievement through a combination of student cumulative grade point average and the number of honor class points completed in their high school career. The cumulative grade point average and honor points mathematically create an overall Laude Score. Possible laude distinctions include Cum Laude (meaning "with honors"), Magna Cum Laude ("with great honor"), or Summa Cum Laude ("with highest honor").

Minimum qualifications for Cum Laude recognition at graduation are a 3.4 cumulative grade point average and a Laude score of 13.6 as calculated at the end of the 8th semester. Cum Laude (white honors cord) designation requires a Laude score of 13.6-19.00; Magna Cum Laude (gray honors cord) 19.01-28.79; Summa Cum Laude (blue honors cord) 28.8 and above. Students receive Laude points for each Laude course completed.

Transfer students will receive honors points toward the Laude System for Advanced Placement courses and dual credit courses that were completed at prior schools. Transfer students may request that equivalent honor courses they completed at other districts be evaluated by the principal for Laude point eligibility and award. Any disagreements are subject to the standard appeal process through the chain of command up to the Board of Education.

Administration will review Laude – eligible courses annually and revise as necessary. Changes will go into effect the academic year immediately following the change. Below is a list of Laude courses and their point value.

Accounting 1 and 2 (each 1 point) (TC)	1
AP Biology	1.5
AP Calc	1.5
AP Computer Science	1.5
AP Pre-Calculus	1.5
AP U.S. History	1.5
Art (Completion of Art Dept Requirements)	1
Chemistry 2	1.5
Early College Credit Program (semester class at a 4-year college/university)	0.75
English 101/ English 150 (0.75 each)	1.5
Intro to Accounting (TC)	1
Intro to Business (TC)	0.5
Intro to Welding and Safety (TC)	1
Microsoft Office Suite (TC)	0.5
With 2 certifications	0.25
Microsoft Specialist	0.25
Music-Band or Choir (<i>Completion of Band/Choir Requirements, each 1 point</i>)	1
Oral Comm/Written Comm (0.5 each)	1
Physics (both classes needed)	1
Related Welding (TC)	1
Spanish 3	0.5
Spanish 4	1
SPANISH 202	1.5
Start College Now (semester class at a 2-year technical college)	0.5
Statistics	1
Welding Math/Geometry (TC .50 each)	1
Youth Apprenticeship (1 per year)	1

LAUDE POINT SYSTEM- (CUMULATIVE GPA × # OF LAUDE POINTS= LAUDE SCORE) Number of Laude Points																		
Grade Point Average	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	
	4	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80
	3.9	15.6	19.5	23.4	27.3	31.2	35.1	39	42.9	46.8	50.7	54.6	58.5	62.4	66.3	70.2	74.1	78
	3.8	15.2	19	22.8	26.6	30.4	34.2	38	41.8	45.6	49.4	53.2	57	60.8	64.6	68.4	72.2	76
	3.7	14.8	18.5	22.2	25.9	29.6	33.3	37	40.7	44.4	48.1	51.8	55.5	59.2	62.9	66.6	70.3	74
	3.6	14.4	18	21.6	25.2	28.8	32.4	36	39.6	43.2	46.8	50.4	54	57.6	61.2	64.8	68.4	72
	3.5	14	17.5	21	24.5	28	31.5	35	38.5	42	45.5	49	52.5	56	59.5	63	66.5	70
	3.4	13.6	17	20.4	23.8	27.2	30.6	34	37.4	40.8	44.2	47.6	51	54.4	57.8	61.2	64.6	68

University-Bound Student	Technical College-Bound Student
4 Credits Language Arts <ul style="list-style-type: none"> English 9 English 10 English 11 Two (2) or more total credits from the following ½ credit courses: Written Communication+, Oral/IP Communication, ENGL 101-CAPP, ENGL 150-CAPP. 	4 Credits Language Arts <ul style="list-style-type: none"> English 9 English 10 English 11 Two (2) or more total credits from the following ½ credit courses: ENGL 101-CAPP, ENGL 150-CAPP, Written Communication, Oral-IP Communication.
4 Credits Mathematics <ul style="list-style-type: none"> Algebra I Geometry Algebra II Welding Math/Geometry AP Pre-Calculus Statistics and/or AP Calculus (for accelerated students) Above sequence will depend on course taken upon entry to high school. 	4 Credits Mathematics <ul style="list-style-type: none"> Algebra I Geometry Algebra II Welding Math/Geometry AP Pre-Calculus Statistics or AP Calculus (for accelerated students) Above sequence will depend on course taken upon entry to high school.
4 Credits Science <ul style="list-style-type: none"> Physical Science Biology 2 or more credits from the following: Physics, Chemistry I, Ecology, Anatomy & Physiology, Chemistry II, AP Biology 	3 Credits Science <ul style="list-style-type: none"> Physical Science Biology 1 or more credits from the following: Physics, Chemistry I, Ecology, Anatomy & Physiology, Chemistry II, AP Biology
4 Credits Social Studies <ul style="list-style-type: none"> Civics US History 10 Psychology, AP U.S. History, Social Problems, World History or Economics Personal Finance+, plus ½-1 credit from the following: Psychology, AP U.S. History, Social Problems, or Economics 	3 Credits Social Studies <ul style="list-style-type: none"> Civics US History 10 Psychology, AP U.S. History, Social Problems, World History or Economics Personal Finance - (graduation requirement)
Plus: <ul style="list-style-type: none"> .50 credit Health 1.5 credits Physical Education 5-7 credits of electives based on student's individual educational goals 2.0 credits Foreign Language are highly recommended by many colleges and required by some Careers (ACP)-no credit-but high school graduation requirement 	Plus: <ul style="list-style-type: none"> .50 credit Health 1.5 credits Physical Education 7.0 credits electives based on student's individual educational goals Careers (ACP)-no credit-but high school graduation requirement

Recommended coursework may vary depending upon individual student needs and post high school plans. **+Although Personal Finance is a graduation requirement, it may not count for social studies credit at some universities. NCAA does not accept Written Communication as a required English course or Personal Finance as a social studies credit.**

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Students who plan to further their education at either a technical college or university must pay very close attention to college admissions requirements when selecting their high school courses. In most cases, college requirements exceed the minimum requirements needed to graduate from high school. Admissions requirements vary considerably depending upon the college or university that the student plans to attend and the major field of study that he/she plans to pursue. **It is extremely important that students and parents check specific college entrance requirements with the school counselor.** All colleges/universities require ACT or SAT scores. Technical colleges require placement testing (such as Accuplacer or ACT) and some technical school programs require an ACT test score.

WISCONSIN TECHNICAL COLLEGE ADMISSIONS

Technical college programs have admission standards and some have specific application “windows”. Because of the popularity of some programs, apply early and talk to your school counselor regarding your chosen program. The earliest you can apply to Fox Valley Tech is the summer after your junior year. Technical preparation should include a comprehensive high school curriculum to ensure success. The following are recommended high school courses/credits for adequate preparation for technical college programs.

Subject	Credit
English	4 (emphasis in work-related writing and oral skills)
Math	4 (especially in the senior year)
Science	3 (especially in the senior year)
Social Studies	3
Technical Courses	3-4

For more information check out the Wisconsin Technical Colleges Guidebook available in Student Services, or go online to <https://www.wistechcolleges.org>.

UNIVERSITY OF WISCONSIN SYSTEM ADMISSIONS

All UW System institutions require a minimum of 17 high school credits distributed as follows:

Subject	Credits
English	4
Math	3 (algebra, geometry, plus one upper level course)
Social Studies	3
Natural Science	3
Electives	4 (from core courses above, or foreign language, fine arts, computer science, technical education)

****Failure to maintain good academic status, or to successfully complete senior courses as listed on your college application, could lead to your college admission being rescinded.**

UW-COLLEGE ADMISSIONS

(check the *Campus Profiles* found online at <https://uwhelp.wisconsin.edu> for most current info)

ACT and SAT scores are suspended as part of the application review process for all UW System campuses through the 2024-2025 academic year. Freshmen students applying for admission now through the Spring 2025 term will not be required to submit ACT and/or SAT scores.

High School GPA:

Eau Claire	3.42-3.91
Fox Cities	contact campus
Green Bay	3.37
La Crosse	3.46-3.87
Madison	3.8-4.0 foreign language required.
Milwaukee	3.06-3.78
Oshkosh	2.9-3.6
Parkside	2.95-3.65
Platteville	3.17-3.85
River Falls	3.2-3.8
Stevens Point	2.6-3.1
Stout	3.02-3.75
Superior	2.93-3.78
Whitewater	3.0-3.6

The 360 Admissions Policy states that all parts of your application are considered during the review process. While there's an emphasis put on academics (quality of high school coursework, GPA) we understand there's more to you than just grades and test scores. We look at how your academics are interconnected with other aspects like work experience, motivation, creativity, special talents, community service, status as a non-traditional, veteran of the U.S. military or returning adult student, socioeconomically disadvantaged, leadership qualities, whether you are a member of a historically underrepresented racial or ethnic group. This allows for more comprehensive review of your application.

Visit <https://uwhelp.wisconsin.edu>, <https://uwhelp.wisconsin.edu/resources/major-mania/>, for the most up-to-date UW System information.

DIRECT ADMIT

Universities of Wisconsin will offer three paths to first-year student/freshman undergraduate admission for Wisconsin high school students:

1. **Traditional first-year student/freshman admission application process**- Students must submit the application and all requested materials according to the UW university application deadline. Applicant materials will be reviewed holistically on the basis of multiple factors.
2. **Direct Admit Wisconsin**- Direct Admit Wisconsin offers early and proactive admission to participating UW universities to high school juniors at participating Wisconsin high school
3. **The Wisconsin Guarantee**- offers guaranteed admission to all Universities of Wisconsin except UW-Madison to first-year applicants from Wisconsin high schools who are in the top 10% of their class at the end of 11th grade. First-year applicants from Wisconsin high schools who are in the top 5% of their class at the end of 11th grade will be guaranteed admission to the UW-Madison through The Wisconsin Guarantee.

For more information visit <https://www.wisconsin.edu/students/wipathways/>

WISCONSIN'S PRIVATE COLLEGES AND UNIVERSITIES

Currently, ACT scores are optional for all WI private colleges.

For more information:

Private College Week: Students and families are invited to tour the colleges and universities during this "open house" week during the summer and application fees are waived. Visit the website below for more info.

For detailed information on admissions and financial aid check out the Wisconsin Private Colleges & Universities Guidebook available in Student Services, or go to www.WisconsinPrivateColleges.org.

Art

Art I-Intro to Studio Art
Art II-Intermediate Studio Art
Art III-Advanced Studio Art

Business Education

- Intro to Accounting-TC
- Accounting I-TC
- Accounting II-TC
- Desktop Publishing-also advanced
- Introduction to Business-TC
- Microsoft Office Suite-TC
- Microsoft Word/Excel
- Sport & Entertainment Business

**Career Portfolio (ACP)
(includes Careers-grd 10)**

Driver Education- offered during the
summer for age qualifying 9th & 10th gr

English

- English 9
- English 10
- English 11
- ENGL 101: English Composition-CAPP
- ENGL 150: Intro to Literature-CAPP
- Oral/IP Communication (transcripted credit)
- Written Communication (transcripted credit)

Computer Science

- AP Computer Science A
- Intro to Computer Science
- Web Development & Design

Foreign Language

- Spanish I
- Spanish II
- Spanish III
- Spanish IV
- Spanish V

Health & Wellness

- Health 9

Virtual Learning

Early College Credit/Start College Now
Teacher Assistant
Youth Apprenticeship

Mathematics

- Algebra I
- Algebra II
- AP Calculus AB
- Geometry
- AP Precalculus
- Statistics
- Welding Math 1-TC
- Welding Geometry & Formulas-TC

Music

- Mixed Chorus
- Jazz Ensemble
- Wind Ensemble
- Jazz Studies
- Pit Band
- Theater Tech
- U.S. Literature & Styles of Music

Physical Education

- Physical Education 9,10,11,12

Science

- AP Biology
- Anatomy & Physiology
- Biology
- Chemistry I
- Chemistry II
- Ecology
- Physical Science
- Physics-Application of Forces, Harmonic Motion & Waves

Social Studies

- Civics
- Economics
- Personal Finance
- Psychology
- Social Problems
- US History 10
- World History
- AP U.S. History

Technology Education

- Automotive I, II, III
- Computer Aided Drawing (CAD)
- Exploring Construction
- Power & Energy I, II, III
- Intro to Metals
- Intro to Welding & Safety-TC
- Related Welding-TC
- Woodworking & Manufacturing I, II

9th Grade Course Offerings**Required Subjects**

- English 9 – 1 credit
- Physical Science – 1 credit
- Mathematics
 - Algebra I – 1 credit, or
 - Geometry – 1 credit
- Social Studies
 - Civics – 1 credit
- Physical Education – ½ credit
- Health – ½ credit
- Elective (Choose 2 credits)
- Career Portfolio (ACP)

***=1/2 credit semester course**
(P)= prerequisite-see course description for details.

Art

Art I-Intro to Studio Art

Business Education

*Introduction to Business-TC
Intro to Accounting-TC
*Microsoft Office Suite-TC
*Microsoft Word/Excel (P)

Computer Science

Intro to Computer Science

Foreign Language

Spanish I
Spanish II (P)

Music

*Mixed Chorus
*Jazz Ensemble-instructor approval
Wind Ensemble
*Jazz Studies-1st semester
*Pit Band-2nd semester/instructor approval
*Theater Tech-2nd semester
*U.S. Literature & Styles of Music-1st sem.

Technology Education

*Automotive I
*Computer Aided Drawing (CAD)
*Exploring Construction
*Intro to Metals
*Power & Energy I
*Woodworking & Manufacturing I

10th Grade Course Offerings**Required subjects**

- English 10 – 1 credit
- Biology – 1 credit Mathematics
- Geometry–1 credit, or
- Algebra II–1 credit
- Social Studies -US History 10 – 1 credit
- Physical Education – ½ credit
- Elective (Choose 2-3 credits)
- Careers-.50 credit opposite of PE (ACP)

(*=1/2 credit semester course)
(P)= prerequisite-see course description for details.

Art

Art I-Intro to Studio Art
Art II-Intermediate Studio Art (P)

Business Education

Intro to Accounting-TC
Accounting I -TC
*Desktop Publishing (DTP)/*Adv. DTP (P)
*Introduction to Business-TC
*Microsoft Office Suite-TC
*Microsoft Word/Excel (P)
*Sport & Entertainment Business

Computer Science

Intro to Computer Science
Web Development & Design (P)

Foreign Language

Spanish I
Spanish II (P)
Spanish III (P)

Music

*Mixed Chorus	*Jazz Studies-1 st sem
Wind Ensemble	*Pit Band-2 nd sem
*Theater Tech-2 nd sem	*Jazz Ensemble
*U.S. Literature & Styles of Music-1 st sem	

Technology Education

*Automotive I, II
*Computer Aided Drawing (CAD)
*Exploring Construction
*Intro to Metals
*Intro to Welding & Safety-TC
*Power & Energy I, II
*Woodworking & Manufacturing I, II

(page 2 of 2)

11/12 Grade Course Offerings

Required Subjects

☐ **English 11**

- ☐ **English 12-teacher approval for all**
- ☐ *ENGL 101: English Composition-CAPP, and
- ☐ *ENGL 150: Intro to Literature-CAPP
- ☐ *Oral/IP Communication, and
- ☐ *Written Communication

☐ **Physical Education**

- ☐ Jr/Sr Lifetime Fitness

☐ **Career Portfolio (ACP)**

☐ **Social Studies**

Juniors/Seniors:

- ☐ *Economics
- ☐ *Personal Finance-1st or 2nd sem.
graduation requirement
- ☐ *Psychology-1st semester
- ☐ *Social Problems-2nd semester
- ☐ *World History-1st or 2nd sem.
- ☐ AP U.S. History (P)

Electives

***=1/2 credit semester course**

(P)= prerequisite-see course description for details.

Art

Art I-Intro to Studio Art

Art II-Intermediate Studio Art (P)

Art III-Advanced Studio Art (P)

Business Education

Intro to Accounting-TC

Accounting I-TC

Accounting II-TC (P)

*Advanced Desktop Publishing (P)

*Desktop Publishing

*Introduction to Business-TC

*Microsoft Office Suite-TC

*Microsoft Word/Excel (P)

*Sport & Entertainment Business

Computer Science

AP Computer Science A (P)

Intro to Computer Science

Web Development & Design(P)

Foreign Language

Spanish I

Spanish II (P)

Spanish III (P)

Spanish IV (P)

Spanish V (P)

Mathematics

Algebra II (P)

AP Calculus AB (P)

AP Precalculus (P)

Statistics (P)

Welding Math 1-TC (P)

Welding Geometry & Formulas-TC (P)

Music

*Mixed Chorus

*Jazz Studies-1st sem

Wind Ensemble

*Pit Band-2nd sem

*Jazz Ensemble

*Theater Tech-2nd sem

*U.S. Literature & Styles of Music-1st sem

Science

AP Biology (P)

Anatomy & Physiology (P)

Chemistry I

Chemistry II (P)

Ecology (P)

Physics (P) -Application of Forces, Harmonic Motion & Waves

Technology Education

*Automotive I, II, III

*Computer Aided Drawing (CAD)

*Exploring Construction

*Power & Energy I, II, III

*Intro to Metals

*Intro to Welding & Safety-TC

*Related Welding-TC

*Woodworking & Manufacturing I, II

Other Opportunities

Virtual Learning

*Teacher Assistant

Youth Apprenticeship

Early College Credit/Start College Now

Art I-Intro to Studio Art (H158/H458)

Elective

Length: One-year

Prerequisite: None

Grade: 9-12

Credit: 1

Art I courses are the foundation courses for the study of visual arts media. Students are introduced to drawing, painting, sculpture, ceramics, graphic design, and metals, with the emphasis on the elements and principles of art and design. Students engage in studio production, explore themes in art history and are challenged with basic art criticism and aesthetic valuing.

*Students in Art I must receive a grade of a B- or higher to move on to Art II

Art II-Intermediate Studio Art (H162/H460)

Elective

Length: One-year

Prerequisite: successful completion of Art I with a grade of B- or better

Grade: 10-12

Credit: 1

Art II courses are the intermediate courses for the study of visual arts media through drawing, painting, sculpture, ceramics, graphic design, and metals. This is a studio course which places emphasis upon reinforcing and building on material covered within Art I. Students will increase proficiency of expression in various media and understanding of historical themes and artistic movements.

*Students in Art II must receive a grade of a B- or higher to move on to Art III.

Art III-Advanced Studio Art (H163/H461)

Elective

Length: One-year

Prerequisite: successful completion of Art II with a grade of B- or better

Grade: 11-12

Credit: 1

The Advanced Studio Art course is designed for students who are seriously interested in the practical experience of art. This course is not based on units of a variety of art lessons throughout the school year, but rather a cumulative series of work. Advanced Studio Art students are expected to create a 12-piece series using any media by the end of the year (3 pieces per quarter). From the end of the second quarter to the end of the year, students will create their own website to display and describe their work, as well as their experience as an artist. All Art III students are expected to become independent thinkers and to apply their knowledge (gained from Art I and II) of the Elements and Principles of Art and Design to their work (regardless of media) in order to demonstrate mastery of advanced level design skills and concepts. Ongoing critical analysis through group and individual critiques provide students with opportunities to learn to analyze their own work and their peers' work.

Intro to Accounting -TC

Elective

Length: One-year

Prerequisite: Algebra I

Grade:9-12

Credit:1

Intro to Accounting is designed for student wishing to explore careers in business but not necessarily in Accounting. It introduces basic concepts and general principles of accounting to non-accounting students. Topics include financial statements, merchandising accounting for cash, inventory, payroll, budgeting and accounting software. (Students can receive credit from FVTC upon completion of this course).

Accounting I-TC

Elective

Length: One-year

Prerequisite: Algebra I

Grade: 10-12

Credit: 1

Accounting I is designed for students wishing to explore careers in accounting or business. Students will be equipped with a broad knowledge of business operations and the basic skills they will need to keep and analyze business records. Knowledge of accounting contributes to a person's ability to earn a living, understanding of the activities of the business world, and competence in managing personal affairs. Use of a variety of practice sets, which include checkbooks, accounting forms, and source documents, allows students to experience what accounting in an office setting is like. (Students can receive credit from Lakeshore Technical College upon successful completion of this course).

Accounting II-TC

Elective

Length: One-year

Prerequisite: Accounting I

Grade: 11-12

Credit: 1

Accounting II addresses the needs of students who want a strong foundation in basic accounting theory and procedures. Students will achieve mastery of basic accounting concepts and procedures while working with a variety of practice sets to simulate accounting in an office setting. (Students can receive credit from Lakeshore Technical College upon successful completion of this course).

Advanced Desktop Publishing

Elective

Length: One semester

Prerequisite: Desktop Publishing

Grade: 10-12

Credit: .5

This course is designed for those students who enjoy working with Photoshop and are interested in marketing and design. Students will learn advanced design techniques using Photoshop including pattern fills, design effects, and filters. The final project includes redesigning your favorite board game.

Desktop Publishing

Elective

Length: One semester

Prerequisite: None

Grade: 10-12

Credit: .5

This is a course in desktop publishing design. The student will change ordinary typewritten text into attractive, professional looking documents using design elements such as font faces, font styles, font sizes, graphics, lines, spacing techniques, clipart, and the Internet. Students will design a menu for a restaurant of their choice, a brochure about their favorite travel destination, newsletters, a calendar and more. If you are ready to use your creativity and computer knowledge to design projects of your own, this is the class for you.

Introduction to Business -TC

Elective

Length: One semester

Prerequisite: None

Grade: 9-12

Credit: .5

Provides an overview of the variety of activities in the world of business. It focuses on the responsibilities connected with operating a business from both organizational and managerial viewpoints. It also examines the role of government in business. Students will complete a Shark Tank activity as a culminating project. (Students can receive credit from FVTC upon successful completion of this course).

Microsoft Office Suite-TC

Elective

Length: One semester

Prerequisite: none

Grade: 9-12

Credit: .5

Microsoft Office Suite will introduce Microsoft Word, Excel, and PowerPoint to students using the curriculum from Fox Valley Technical College. In this course students will learn the basics needed to use each application for school, work, and home. At the end of the course, students will have the opportunity to take the Microsoft Office Specialist Certification Test in Word, Excel, and PowerPoint. When they pass 2 out of the 3 tests, they will earn certification. This certification test is free for students enrolled in the course. (Students can receive credit from FVTC upon successful completion of this course).

Microsoft Word/Excel

Elective

Grade: 9-12

Length: One semester

Credit: .5

Prerequisite: Microsoft Office Suite-TC

Microsoft Word is a word processing application and Microsoft Excel is a spreadsheet application. In this course students will learn advanced features of both Word and Excel by creating documents and spreadsheets that contain headers/footers, endnotes/footnotes, tables, charts, formulas, and much more. This course builds on what was learned in Microsoft Office Suite.

Sport and Entertainment Business

Elective

Grade: 10-12

Length: One semester

Credit: .5

Prerequisite: None

Marketing is the tool that has allowed the United States Economy to be one of the most successful in the world. Come and learn how fans and companies spend billions of dollars each year on sport and how entertainment is one of the largest exports from the United States to the rest of the world. Students will learn the basic functions of marketing and how those functions are applied to sport and entertainment. At the end of the semester students will be able to use their knowledge in sport and entertainment to create their own arena.

Transcripted-(TC) Credit

Fox Valley Technical College (FVTC) and Lakeshore Technical College (LTC) have established dual (transcripted) credit agreements with Hilbert High School. To be eligible for transcripted credit, students must complete the high school course with a C grade or better and have "transcripted credit" (TC) indicated on their high school transcript. The student will receive 2 separate grades for the course-one on their high school transcript and one on their technical college transcript (Note: the grades may differ depending on the grading scales used by the technical colleges).

Business Essentials Certificate

How to earn the certificate from FVTC: Successful completion of Intro to Accounting -TC, Microsoft Office Suite – TC, and Intro to Business – TC

Learn useful skills to be successful in an ever-changing business world. In this program, you'll build skills needed to operate a business, maintain records of accounts and handle business transactions. You'll also gain computer skills in Microsoft Word, Excel, PowerPoint and Outlook.

Graduation Requirement

Senior Portfolio (ACP)

Length: four years
Prerequisite: None

Grade: **9 through 12**
Credit: No credit-**student must complete satisfactorily to graduate**

As part of the Academic and Career Plan (ACP) process, a career portfolio is required for all graduating seniors. **This portfolio is a four-year process** where students develop an online career portfolio through the Xello website. Students will do most of the work in their regular classes, but some work may need to be done outside of class time. Students will develop their career readiness skills, leadership skills, study skills, and life learning skills. This includes, but is not limited to, developing the following items: personal education plan, interest inventories, post-secondary research and information, a resume, a letter of recommendation, a cover letter, awards, co-curricular experiences, 25 community service hours, employment experiences, and educational reflection. The portfolio process will culminate with three mock interviews with area business/ community members. **Successful completion of the portfolio based on the principal's review is a graduation requirement.**

Graduation Requirement

10th Grade Careers (ACP)

Length: One-year
Prerequisite: None

Grade: 10
Credit: .50 **student must complete satisfactorily to graduate**

YOU'RE HIRED! Words everyone wants to hear when interviewing. Explore your career interests while learning how to accomplish your goals. In doing so, you will develop your resume and interviewing skills. You will use Xello to research careers and post-secondary options while continuing with the Academic and Career Process necessary for graduation. This course is a graduation requirement and is typically taken as a 10th grade student. ALL assignments must be completed to the best of your ability in order to pass the course. **Missing one assignment will result in a failing semester grade and the course will need to be retaken.**

AP Computer Science A

Elective

Length: One-year

Prerequisite: Intro to Computer Science

Grade: 11-12

Credit: 1

AP Computer Science is a course developed by the College Board and is equivalent to a first-semester college level CS1 course in computer science. The course introduces students to computer science with fundamental topics that include problem solving, design strategies and methodologies, organization of data (data structures), approaches to processing data (algorithms), analysis of potential solutions, and the ethical and social implications of computing. The course emphasizes both object-oriented and imperative problem solving and design using the Java programming language. These techniques represent proven approaches for developing solutions that can scale up from small, simple problems to large, complex problems. Students have the option of preparing for, and taking the AP Computer Science exam the first week of May.

Introduction to Computer Science

Elective

Length: One-year

Prerequisite: None

Grade: 9-12

Credit: 1

Introduction to Computer Science will be an engaging course that allows students to explore a variety of basic computational thinking and programming concepts through a project-based learning environment. Students will learn to code by completing comprehensive projects and practicing the skills they are learning. We will explore computer languages like Java Script and Python to build VR applications, games, and other projects.

Web Development & Design

Elective

Length: One-year

Prerequisites: Intro to Computer Science

Grade: 10-12

Credit: 1

The world has become digital with a estimate of over 2 billion web pages on the Internet. Our global market depends upon effective communication over the web. In this project-based class, students will learn how to create interactive web pages and simple web applications. Students will learn HTML, CSS, and JavaScript as well as frontend libraries like Bootstrap and React and backend technologies like Node.js. Learn to use existing APIs and databases to add critical function to your projects.

Driver Education-Behind the Wheel

Length: 6 hours of driving and 6 hours of observation

Grade: 9/10

Prerequisite: Online Driver Ed classroom phase

Credit: no credit

Cost: \$275.00

The Hilbert Driver Education course satisfies the state requirements for the behind the wheel portion of DE. Students will receive the required 6 hours of driving/6 hours of observation with a qualified driver instructor. The purpose of the course is to help develop the appropriate skill set needed for the driving process and will help develop good attitudes, ideas, and skills that the students will apply to driving in our society now and in the future.

This **course does not** include the required classroom phase of Drivers Education. Students will need to obtain this through a qualified online class prior to enrolling in the behind the wheel portion at Hilbert.

Graduation Requirements - 4.0 credits

Grade 9: English 9 – 1 credit

Grade 10: English 10 – 1 credit

Grade 11: English 11 - 1 credit

Grade 12: English 12-Dual Credit English courses (with either technical college or 4 yr. college)-1 credit

English 9

Required

Grade: 9

Length: One-year

Credit: 1.0

Prerequisite: none

In English 9, students will read and respond to several short stories, plays, poems, and novels in order to develop as self-directed learners and foster a deeper understanding of the human experience. Special emphasis is given to the writing process, the development of a paragraph, research skills, and essay writing.

English 10

Required

Grade: 10

Length: One-year

Credit: 1.0

Prerequisite: English 9

English 10 students will read and respond to several poems, short stories, novels, and plays to develop as self-directed learners and foster a deeper understanding of the human experience. Planned oral activities develop skills needed for both formal and informal speaking situations. Special emphasis is given to expository writing and inquiry skills.

English 11

Length: One-year

Grade: 11

Prerequisite: English 9, English 10

Credit: 1.0

Students will read and respond to several literary and non-fiction texts from very diverse styles and historical eras in order to develop as self-directed learners and foster a deeper understanding of the human experience. Students will write personal essays, analytical and researched inquiry papers, creative fiction and scripts, and oral presentations. Special emphasis is given to research skills and revision of writing.

Dual Credit English Courses (CAPP-St. Norbert College)

Seniors will have the option of taking up to two semester-long, dual-credit English classes. Successful completion of these classes will earn high school credit, as well as 4 credits (each) from St. Norbert College. In addition, these courses may be accepted for credit at other Wisconsin colleges and universities. Check with the individual college or university to confirm transferability of the courses. Students who wish to enroll for college credit will need to meet minimum GPA and ACT score prerequisites during the spring of their junior year, pay tuition (\$200 per semester-subject to change), and purchase any required textbooks.

ENGL 101: English Composition-CAPP

Length: One semester

Prerequisite: English 9, English 10, English 11

Grades: 12

Credit: .5 HS +

4 college (St. Norbert)

Teacher approval required

This is a course designed to introduce you to college writing, emphasizing writing as a process. It focuses on rhetoric, producing and organizing ideas, conducting research, developing paragraphs, and improving your overall composition skills. We will review basic conventions of punctuation, grammar, spelling and usage as needed. In addition, we will practice pre-writing, editing, and revising skills.

ENGL 150: Introduction to Literature-CAPP

Length: One semester

Prerequisite: English 9, English 10, English 11

Grades: 12

Credit: .5 HS +

4 college (St. Norbert)

Teacher approval required

This Introduction to Literature course will concentrate on developing the skills necessary to read closely and analyze college-level literature. Most of the content of the course is designed to provide the student with practice reading and writing about literature in a manner that will facilitate success in future college classes. The literature in this course will be drawn from a wide range of literary genres and historical periods and will be representative of a number of cultures. Students will read a comprehensive range of short fiction, poetry, plays, and novels. In this course, we will discuss and evaluate literature within the larger contexts of culture and history in order to develop an appreciation of literature as an important social discourse.

Dual Credit English Courses -Fox Valley Technical College

Seniors will have the option of taking up to two semester-long, dual-credit English classes. Successful completion of these classes will earn high school credit, as well as 3 credits (each) from Fox Valley Technical College. **Students who wish to enroll for technical college dual credit will need teacher approval.**

Written Communication

Length: One semester

Prerequisite: English 9, English 10, English 11

Grades: 12

Credit: .5 + 3 FVTC

Teacher approval required

This course teaches the writing process which includes prewriting, drafting, and revising. Through writing assignments, students analyze audience and purpose, research and organize ideas, and format and design documents based on subject matter and content. Class sessions and assignments involve giving oral presentations and using computers. Course completion will require mastery of FVTC Course Competencies and demonstration of Employability Essentials (developed by FVTC and local employers).

Upon completion of Written Communication, students will be able to: produce business letters, write business documents in collaboration with others, produce business memos, write a set of instructions, present a project orally, produce a visual to support at least one written project, write a summary, write a short report, write a research-based document. **NCAA does not accept this course as a required English course.**

Oral/Interpersonal Communication

Length: One semester

Prerequisite: English 9, English 10, English 11

Grades: 12

Credit: .5 + 3 FVTC

Teacher approval required

This course is designed to help develop interpersonal and oral communication skills in your chosen career field. You will have the opportunity to develop necessary job-related skills such as the abilities to work as a team, to manage time effectively, to think critically, and to solve problems. During the course, students will work on a variety of subjects with classmates as well as work on individual assignments. Students will also need to demonstrate that they are able to perform all Employability Essentials (developed by FVTC and local employers).

Spanish I

Elective

Grade: 9-12

Length: One-year

Credit: 1

Prerequisite: None

This course will provide students with the basics of the Spanish language. Students will develop listening, speaking, reading, and writing skills. The course includes:

- Introductions to the fundamentals of the Spanish language (vocabulary, grammar and structure)
- Listening skills
- Conversational skills
- Introduction to the cultures of Spanish-speaking countries

Students will be able to understand and to produce utterances based on topics from daily life, to understand and to answer questions about real experiences, to react in social situations, to show spontaneity and creative language use, and to demonstrate a basic awareness that cultural differences exist.

Spanish II

Elective

Grade: 9-12

Length: One-year

Credit: 1

Prerequisite: Spanish I or successful completion of Spanish 7 & 8

This course is a continuation of Spanish I and should enable students to develop more fluent listening, speaking, reading, and writing skills. This course includes:

- Review of all the major items from Spanish I
- More advanced study in conversation and grammatical construction
- Continued study of Spanish-speaking cultures

Spanish III

Elective

Grade: 10-12

Length: One-year

Credit: 1

Prerequisite: Spanish I or Spanish 7/8, Spanish II

This course is a continuation of Spanish I & II and should enable students to develop more fluent listening, speaking, reading, and writing skills. This course includes:

- Review of all-important material presented in prior Spanish courses
- More advanced study in conversation and grammatical construction
- Development of writing skills in Spanish

Spanish IV

Elective

Grade: 11-12

Length: One-year

Credit: 1

Prerequisite: Spanish I or Spanish 7/8, Spanish II, & Spanish III

The purpose of this course is to continue developing more fluent listening, speaking, reading and writing skills. Students will study the cultures of Spanish-speaking countries by reading authentic literature and studying the histories of different countries.

SPANISH 202: Spanish V

Elective

Grade: 12

Length: One-year

Credit: 1 HS + 3 College UWGB

Prerequisite: Spanish I or Spanish 7/8, Spanish II, III & IV or Spanish I, II, III & teacher approval

This course refines the student's skills in speaking, reading, writing and listening related to the Spanish language and the cultures of the Spanish-speaking world. The class will be conducted entirely in Spanish and students are expected to participate in the target language. Students successfully completing this course will receive 3 credits for UWGB SPANISH 202. If the student earns a grade of C or better they will earn retroactive Spanish credits from UWGB.

- Students who earn a B or better will receive 11 retroactive credits for a total of 14 credits
- Students who earn a B/C or C will receive 5.5 retroactive credits for a total of 8.5 credits.

POST SECONDARY FOREIGN LANGUAGE REQUIREMENTS:

Many colleges and universities require, or like to see, that students have taken at least two years of a single foreign language in high school. Before you make a decision about future foreign language coursework, however, it is important to check the **graduation requirements** of the college or university. Some majors or degrees require the equivalent of **three to four years** of a single foreign language. This is particularly true of UW Madison. Check with individual colleges to determine their degree requirements.

Graduation Requirements-3 credits

Grade 9: Algebra I or Geometry

Grade 10: Geometry or Algebra II

Grade 11: Algebra II or AP Precalculus

Algebra I

Elective

Length: One-year

Prerequisite: None

Grade: 9

Credit: 1

Algebra I is a branch of mathematics which has two main objectives. The first is to prepare the student for continued study in mathematics. The second is to organize the student's thoughts to solve mathematical problems that everyone faces from day to day. Students will be required to do daily homework assignments along with quizzes and chapter tests. **Scientific calculators are required for this course.**

Algebra II

Elective

Length: One-year

Prerequisite: Algebra I & Geometry

Grade: 10-11

Credit: 1

This course expands on the topics covered in Algebra I and introduces students to imaginary numbers, logarithms, exponential functions and trigonometry. Algebra II is strongly recommended for students continuing their education beyond high school. **Scientific calculators are required for this course.**

AP Calculus AB

Elective

Length: One-year

Prerequisite: AP Precalculus

Grade: 12

Credit: 1

AP Calculus AB is an advanced mathematics course designed to challenge students with the concepts and techniques found in a first-semester college calculus course. Students are expected to take the AP Calculus test in the spring. The main topics of study include Limits, Derivatives and Integration. **TI 84 + calculators are required for this course.**

Geometry

Elective

Grade: 9-10

Length: One-year

Credit: 1

Prerequisite: Algebra I

This course is designed to emphasize the study of the properties and applications of geometric figures in two- and three-dimension. Inductive and deductive thinking skills are used in proofs and problem-solving situations. Topics covered include:

- Angles
- Parallel and perpendicular lines
- Triangle congruence and similarity
- Right triangles and basic trigonometry
- Polygons and circles
- Surface area and volume

Students will be required to do daily written assignments along with quizzes and unit tests. Knowledge of algebra is essential before taking this course. **Scientific calculators are required for this course.**

AP Precalculus

Elective

Grade: 11-12

Length: One-year

Credit: 1

Prerequisite: Algebra II & Geometry (Instructor approval required)

AP Precalculus is an advanced mathematics course designed to prepare students for a first semester college mathematics course and /or AP Calculus AB. Students are expected to take the AP Precalculus exam in the spring. The main topics of study include Polynomial, Rational, Exponential, Logarithmic, Trigonometric, and Polar Functions. **TI 84+ graphing calculators are required for this course.**

Statistics

Elective

Grade: 11-12

Length: One-year

Credit: 1

Prerequisite: Algebra II

Statistics, which is a required course for many college majors, acquaints students with concepts and tools used to collect, analyze and draw conclusions from data. Topics include: central tendency (mean, median, mode, standard deviation), normal distribution, probability, combinations, permutations, surveys, sampling distributions and hypothesis testing procedures. **TI-84+ graphing calculators are required for this course.**

Welding Math-TC

Elective

Grade: 12

Length: One semester

Credit: .50

Prerequisite: Algebra & Geometry

Welding math basics provides the learning with the necessary skills to solve problems involving whole numbers, fractions, and decimal numbers using a calculator. The course is designed for individualized student needs.

(Students can receive credit from Lakeshore Technical College upon successful completion of this course). **Class is limited to 15 students.**

Welding Geometry & Formulas-TC

Elective

Grade: 12

Length: One Semester

Credit: .50

Prerequisite: Algebra & Geometry

Welding geometry and formulas provides the learner with skills in geometric properties such as angles, distance, midpoints, and trigonometry using a calculator.

(Students can receive credit from Lakeshore Technical College upon successful completion of this course). **Class is limited to 15 students.**

Mixed Chorus

Elective

Length: One semester

Prerequisite: None

Grade: 9-12

Credit: .5

Mixed Chorus is open to any high school student who wishes to participate in a choral ensemble. Choral literature of many styles (pop, classical, vocal jazz, etc.) will be studied throughout the class. Attendance at all performances is required. Concerts will be performed in the fall, winter and spring. There are also opportunities for students to work in smaller ensembles in preparation for district solo & ensemble contests. Participation, effort and a positive attitude will lead to a success for the choir student.

Jazz Ensemble

Elective

Length: One semester or full year

Prerequisite: Approval of band director

Grade: 9-12

Credit: .5

Jazz Ensemble provides the opportunity for students to perform in a jazz ensemble in the classroom and through public performances. A wide variety of styles will be studied and performed throughout the semester. Attendance at concerts and other public performances is required. Students can take this course both semesters.

Wind Ensemble

Elective

Length: One-year

Prerequisite: None

Grade: 9-12

Credit: 1

Wind Ensemble provides the opportunity for students to perform in large and small ensembles in the classroom and through public performances. A wide variety of musical styles are studied and performed including Classical, Jazz and Pop. Attendance at concerts and other public performances is required. Concert band, jazz band, pep band, pit band and solos and/or ensembles are among the variety of performance opportunities available to the band student.

Jazz Studies

Elective

Length: **offered 1st semester**

Prerequisite: None

Grade: 9-12

Credit: .5

Jazz Studies will be offered as a one semester, lecture style class. Students will actively listen, analyze and critique a variety of jazz recordings. Assessment of student analysis and critique will be both verbal and written. Students will be introduced to significant jazz artists and historically significant styles of jazz through assigned readings, recordings and video presentations.

U.S. Literature and Styles of Music

Elective

Grade: 9-12

Length: **offered 1st semester**

Credit: .5

Prerequisite: None

US Literature & Styles of Music is a one semester class. Students will be introduced to the music of our nation from its founding to current trends in the music industry through recordings, printed music, video and readings. Students will be expected to participate in class discussions, performance during class on historically appropriate instruments, offer educated opinions, debate topics, and submit original papers and other approved projects demonstrating their knowledge of topics discussed during class. Styles and trends will include European influences on early American Music beginning in 1776 through present music trends.

Pit Band

Elective

Grade: 9-12

Length: **offered 2nd semester**

Credit: .5

Prerequisite: **Instructor approval** and appropriate performance skills on an approved instrument.

Pit Band will be offered as a one semester class offered during the semester of the school musical (and opposite of jazz studies). Students wishing to participate in the pit band must have the approval of the band director. Class instruction will include preparation for the school musical production, preparation for outside-of-school performance opportunities (requests from outside groups, local senior care centers, etc.), as well as preparing for performances with the Wind Ensemble and Pep Band. Due to the nature of rental material, music in this type of setting is several grade levels higher than music prepared by a typical concert band program.

Theater Tech

Elective

Grade: 9-12

Length: **offered 2nd semester**

Credit: .5

Prerequisite: None

Theater Tech is an introduction to technical theater for the high school student. Concepts and techniques used in theater productions will be introduced. Topics will include Set Design & Construction, Make-up, Costuming, Lighting & Special Effects, Sound Reinforcement, Prop Design, Painting Techniques and Theater Management. Theater Tech is an interactive class and is project based. Students will be assessed on the skill development and quality of their projects. The class will be assisting on the design and building of our school productions including sets, lighting, sound reinforcement, costumes and props. The class will also be available to offer help to other school districts on their productions as a practical business application of the skills learned during class.

Graduation Requirements-1.5 credits**Freshmen Physical Education**

Required

Grade: 9

Length: One-year

Credit: .5

Prerequisite: None

Freshmen physical education is held on alternating days throughout the year. During this time the following units will be run: fitness, softball, weight training, volleyball, badminton, soccer, basketball, speedball, kickball, hockey, plyometrics, matball and ring hockey.

Sophomore Physical Education

Required

Grade: 10

Length: One-year

Credit: .5

Prerequisite: None

Sophomore physical education is held on alternating days throughout the year. Sophomores will participate in the following units: fitness, softball, challenge course, soccer, volleyball, badminton, floor hockey, speedball, basketball, weight training, kickball, plyometrics, matball and ring hockey.

Junior/Senior Lifetime Fitness

Required

Grade: 11-12

Length: Daily

Credit: .5

Prerequisite: None

Students will be able to choose from twelve units that will be offered during the following semesters:
First Semester – orienteering, ultimate Frisbee, yard games, bowling, handball.
Second Semester – cycling, disc golf, shelter building, volleyball, ropes course, racquet ball.

It is Hilbert High School's philosophy that students remain active throughout their high school career. Students may take extra PE credit during junior and senior year to free up scheduling space for youth apprenticeship or Early College Credit/Start College Now.

Health 9 (Graduation Requirement)

Length: 1 year alternating opposite PE 9

Grade: 9

Prerequisite: None

Credit: .5

Health education is required of all freshmen and incoming transfer students without this course. Topics discussed include: self-concept, personality development, drug use and abuse, alcohol, tobacco use, sexuality, disease, AIDS, first aid, CPR and nutrition.

Graduation Requirements-3 credits

Grade 9: Physical Science

Grade 10: Biology

Grade 11: Your choice of courses offered for grades 11/12

Anatomy & Physiology

Elective

Grade: 11-12

Length: One-year

Credit: 1

Prerequisite: Biology

This course studies the human body from the cellular level through the various organ systems. Laboratory dissection is mandatory.

Biology**Required**

Grade: 10

Length: One-year

Credit: 1

Prerequisite: None

This is a laboratory-gearred course focusing on the molecular approach to biological concepts affecting all living things. First semester will examine molecular structure, cell structure and function, and cell reproduction. Topics will include molecules found in living things, cell life cycles, cell organelles, homeostasis, transport, mitosis/meiosis, basic genetics, and human genetic disorders, replication, transcription, translation. Second semester will examine topics including classification of organisms, overview of kingdoms (animals, plants, fungi, Protista, Monera), structure and function relationships, nitrogen, carbon, oxygen, phosphorus, and water cycles, photosynthesis, respiration, biotic/abiotic interactions in ecosystems, and evolution.

AP Biology

Elective

Length: One-year

Grade: 11-12

Prerequisite: Physical Science and Biology

Credit: 1

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes, energy and communication, genetics, information transfer, ecology and interactions. This course is equivalent to a two-semester college introductory biology course for biology majors. This course requires that 25 percent of the instructional time will be spent in hands-on laboratory work, with an emphasis on inquiry-based investigations that provide students with opportunities to apply the science practices. Students will take the AP exam at the end of the course.

Chemistry I

Elective

Length: One-year

Prerequisite: None

Grade: 11-12

Credit: 1

The first year of Chemistry is to prepare students for any postsecondary education science class. Throughout the year students will use multiple different forms of modeling and labs to explain the world on an atomic level. By the end of the year students will be able to explain most atomic phenomenon's using: particle models, mathematical expressions, and chemical equations. This class is highly recommended for anyone inspiring to go into the fields of: science, teaching, engineering, environmental, or medical fields.

Chemistry II

Elective

Length: One-year

Prerequisite: Chemistry

Grade: 12

Credit: 1

Chemistry II is a highly independent science class that is geared to a college level. Each unit is based off of the AP Chemistry exam. Each unit will have a Lab and a Report that is modeled after reports that are commonly done in college. Students will need to decide by October if they will be taking the AP test in the spring.

Ecology

Elective

Length: One-year

Prerequisite: Biology

Grade: 11-12

Credit: 1

This course involves the study of our environment – physical factors, symbiotic relationships, water quality, soil quality and pollution. Students will realize man's impact on planet Earth through laboratory study and investigation.

Physical Science**Required**

Length: One-year

Prerequisite: None

Grade: 9

Credit: 1

Physical Science is designed to prepare students for all high school science classes. The course will spend a large portion of the year on basic chemistry. Other units that will be covered are: Astronomy, Simple Physics, Geology, Electricity, and Environmental Sciences. Each unit will have labs that allow for students to work with peers to a common goal.

Physics

Physics will consist of 2 different semester classes. Each class is designed to be independent from the others so there is no order in which each class must be taken. Each class follows the same progression of exploring a phenomena, developing a model, applying that model to a new phenomena. Each modeling progression ends with a summative assessment that consists of multiple-choice questions and free response questions.

Application of Forces in One- and Two-Dimensional Motion

Elective

Grade:11-12

Length: 1st semester

Credit: .5

Prerequisite: Algebra I and Geometry

This class focuses on the classical view of forces and the interaction between objects in one and two dimensions. Models that are included in this course included: One-Dimensional Motion, Application of Forces, Two-Dimensional Motion, and Momentum of Collisions. This class also includes a final project that the class will build that demonstrates an understanding of the models covered in this class.

Harmonic Motion and Waves found in Particles and Light

Elective

Grade:11-12

Length: 2nd semester

Credit: .5

Prerequisite: Algebra I and Geometry

Particles can be described as both single points and as wave depending on how you approach it. This class first focuses on the Harmonic Motion of point particles before looking at the wave nature of particles. Models that are included in this course include: Pendulums, Harmonic Springs, Spring Waves, Sound Waves, and Light Waves. The class also includes a final project that the class will build that demonstrates an understanding of the models covered in this class.

Graduation Requirements-3 credits, plus .5 credit of Personal Finance

Grade 9: Civics

Grade 11: World History, AP U.S. History,
Economics, Psychology, Social
Problems, AP US History

Grade 10: US History 10

Grade 11 or 12: Personal Finance

Civics**Required**

Length: One-year

Prerequisite: None

Grade: 9

Credit: 1

The focus of this course is to prepare students to participate in exercising their political responsibilities as thoughtful and informed citizens. Civics provides a basis for understanding the rights and responsibilities for being an American citizen and a framework for competent and responsible participation. Emphasis is placed on the historical development of government and political systems, and the importance of the rule of law: the United States Constitution; federal, state and local government structure; and the rights and responsibilities of citizenship. Students will actively investigate local, state, and national issues.

U.S. History 10**Required**

Length: One-year

Prerequisite: None

Grade: 10

Credit: 1

Students will study the history of our nation from reconstruction to the present. Major emphasis is placed in Industrialization, World War I, World War II, Civics, and America's role in the world today. Continual development of reading, research, and mapping skills is emphasized along with integration of current events in studying U.S. History.

Economics

Elective

Length: One semester

Prerequisite: Instructor Approved

Grade: 11-12

Credit: .5

This semester long course will examine how people deal with the issue of scarcity. In doing this, students will examine supply, demand, price, markets, money, and many other aspects dealing with the study of economics. This class is intended to increase student knowledge of economic principles and practices. After completing this course, students will have a better understanding of economic challenges they will face throughout their life.

AP U.S. History

Elective

Grade: 11-12

Length: One-year

Credit: 1

Prerequisite: B average or better in both U.S. History 10 & Instructor Approved

AP U.S. History is a college level survey course designed to increase the students understanding of United States history from discovery to the present. Students will be provided with the analytical skills and factual knowledge needed to deal critically with the problems and materials in US history. This course will be discussion, lecture, research, and writing based. Which means students will also need strong reading and writing skills. Lastly, students will be taught to analyze and interpret primary and secondary sources through the use of maps, statistical tables, pictorial and graphic evidence of historical events.

Personal Finance**Graduation requirement**

Length: One semester

Grade: 11-12

Prerequisite: None

Credit: .5

The purpose of this course is to introduce students to the world of personal finance. Students will investigate budgeting, careers, employment, taxes, savings, loans, investing, and debt. Through this analysis, students will develop skills which will help them manage their financial future. **Although Personal Finance is a graduation requirement, it may not count for social studies credit at some universities.** Students should check with the college admissions offices. **NCAA does not accept this course as a social studies credit.**

Psychology

Elective

Grade: 11-12

Length: One semester

Credit: .5

Prerequisite: None

This semester long course will examine the issue of human behavior. The main focus of this course is on the individual person and the way the brain interacts with the different systems of the human body. Topics include biopsychology, perception, consciousness, development, learning, memory, intelligence and psychological disorders.

Social Problems

Elective

Length: One semester

Prerequisite: None

Grade: 11-12

Credit: .5

This semester long course deals with human interactions between groups of people and as an individual member of society. Students will study many of the issues that are driving the rapid change in our society today. Topics include race, population, gender, politics, deviance, and many more.

World History

Elective

Length: One semester or One year

Prerequisite: None

Grade: 11-12

Credit: ½ or 1

This class can be taken as either a semester or a year-long course. While emphasis in both semesters is placed on western civilization, the first semester will consist of studies of older civilizations and developments and their impact on the modern world, concluding at roughly 1000 AD. **First semester** will also include some studies of other social sciences such as anthropology and archeology. The **second semester** will look at the world in what is considered the "modern" era, starting roughly from 1000 to 1500 AD, depending upon the area focused on, with some reexaminations of earlier epochs. Warfare, technologies and cultural diffusion will be common threads in the second semester.

Automotive I

Elective

Length: One semester

Prerequisite: None

Grade: 9-12

Credit: .5 credit

This is primarily a hands-on course designed to give students a more in-depth study of the automobile. Major units of study will be engine parts and functions, ignition systems, cooling systems, fuel systems, brakes, drive train systems and basic skills required to properly maintain today's automobile. This course is valuable to every student as a career or hobby, and to become a knowledgeable consumer in auto purchasing and repair.

Automotive II

Elective

Length: One semester

Prerequisite: Automotive I

Grade: 9-12

Credit: .5

This course will be a deeper dive into understanding the automobile. Students will cover all systems of a vehicle including but not limited to brakes, electrical, powertrain, steering, suspension, transmission, fuel and cooling. Students will have the opportunity to diagnose and repair vehicles and earn hands-on experience in a work-like environment.

Automotive III

Elective

Length: One-year

Prerequisite: Automotive I & II (Instructor approval required)

Grade: 10-12

Credit: 1

This course will be an opportunity for students who are interested in a career in the automotive field to gain the skills necessary to move into the workforce. Students will work independently to run an auto shop, completing the full-service experience from the customer service diagnosis, repair and billing. Students will gain a deep understanding of the automobile throughout the course. Students will work on a large project such as a restoration or an overhaul.

Computer Aided Drawing-CAD (H151)

Elective

Length: One semester

Prerequisite: None

Grade: 9-12

Credit: .5

This course covers mechanical drafting, architectural drafting, graphics, sketches, computer-aided drafting (CAD) and calculating strengths of various materials. This course is strongly recommended for any student planning on going into construction trades or any form of engineering. Highly recommended course for those interested in coding, computers and technology.

There is a class limit of 9 students.

Exploring Construction (H145)

Elective

Length: 2nd semester course

Prerequisite: None

Grade: 9-12

Credit: .5 credit

This course provides students with a working understanding of the design, planning, and construction of a structure on site. Students may be involved in one outdoor group project such as a garage or small storage shed construction. Students learn major concepts through hands-on activities using contemporary tools and materials. The following topics may be covered, depending on the class project - commercial, residential, highway, bridge construction, tool safety, plumbing installation and repair, electrical installation and repair, heating and air conditioning, natural gas safety, model construction, architectural blueprint reading and computer stress designs. A small materials fee will be charged for students' personal projects.

Power and Energy (H144)

Elective

Length: One semester

Prerequisite: None

Grade: 9-12

Credit: .5

This is a hands-on course focused on the operating principles of small gas and automotive engines. Students will completely disassemble a small engine under the direction of the instructor, and put it back together; testing it to make sure it runs. Major topics of study include: measuring and testing equipment, ignition systems, carburetion systems and charging systems.

Power and Energy II (H157)

Elective

Grade: 10-12

Length: One semester

Credit: .5

Prerequisite: Power and Energy I

A follow up to Power and Energy I, this is a hands-on course focused on the operating principals of twin and one-cylinder engines, along with the systems they power. Major topics of study include: measuring and testing equipment, ignition systems, carburetion systems and charging systems.

Power and Energy III (H451)

Elective

Grade: 10-12

Length: One-year

Credit: 1

Prerequisite: Power and Energy I & II (Instructor approval)

Students in this course will be running and operating their own small engine shop. Students will field repair orders, diagnose problems, order parts, and fully service machines powered by small gasoline engines. Students will often be working independently, so admission into this course requires instructor approval

Woodworking & Manufacturing (H146)

Elective

Grade: 9-12

Length: One semester

Credit: .5

Prerequisite: None

This is primarily a woods course that teaches students the proper usage of hand and power tools. Students will flow-chart and manufacture a design idea from raw materials to a finished product. The following topics may be covered: safety, major woodworking machine operations, cost estimating, wood joinery, sanding and finishing. Students may be allowed to build projects of their choice with instructor approval. The practical application of math will be emphasized throughout this course, during measuring and estimating processes, as will the development of problem solving and decision making skills. A materials fee will be charged for students' personal projects.

Woodworking & Manufacturing II (H452)

Elective

Grade: 9-12

Length: One semester

Credit: .5

Prerequisite: Woodworking & Manufacturing

This course is designed for students who have taken Woodworking I and are eager to continue their work. Students will learn advanced joinery and finishing techniques and produce show-quality work with the help of the instructor. Students will be expected to complete at least two (2) high-quality and advanced projects during the course of the class.

Intro to Metals (H435)

Elective

Length: One semester

Prerequisite: None

Grade: 9-12

Credit: .5

This is a basic introductory to metal course. Students will learn welding vocabulary, a combination of welding joints, and safety. Using primarily wire feed with some stick welding. Students will learn how to safely use the sheer, band saw, grinders, CNC plasma, hand held plasma, & Oxy Fuel torch. Students will also learn how to properly set up and operate GMAW & SMAW welders and cover safety aspects when using them, demonstrate basic print reading, identify weld faults and techniques. Students will create plant holders, yard art, signs and other projects to learn how to manipulate metal into a useful state. A fee will be charged for any projects taken home.

There is a limit of 12 students.**Intro to Welding & Safety-TC (H156)**

Elective

Length: One semester

Prerequisite: Intro to Metals

Grade: 10-12

Credit: .5

Primarily focusing on welding, along with some metal's projects. Students can earn dual (transcripted) credit with FVTC. Students will explore welding careers, vocabulary, and a combination of welding joints using primarily wire feed with some stick welding. Students will be using the sheer, band saw, grinders, CNC plasma, hand held plasma, & OXY Fuel torch. Students will learn how to maintain safe work spaces, properly set up and operate GMAW & SMAW welders and cover safety aspects when using them, demonstrate basic print reading, identify weld faults and techniques. A fee will be charged for any projects taken home.

There is a class limit of 7 students. Juniors and Seniors will be given precedence.**Related Welding –TC (H440)**

Elective

Length: One semester

Prerequisite: Intro to Welding & Safety-TC

Grade: 11-12

Credit: .5

Students can earn dual (transcripted) credits with Fox Valley Tech. Students will be welding on steel, (sheet metals and plates). Emphasis is placed on axial spray, pulse spray and short circuit mode of transfer. Upon completion of this course the student will be able to weld in all positions, read basic weld symbols, and understand written welding procedures. **There is a class limit of 7 students.**

Dual/Transcripted-(TC) Credit

Fox Valley Technical College (FVTC) and Lakeshore Technical College (LTC) have established dual (transcripted) credit agreements with Hilbert High School. To be eligible for dual (transcripted) credit, students must complete the high school course with a C grade or better. The student will receive 2 separate grades for the course—one on their high school transcript and one on their technical college transcript (Note: the grades may differ depending on the grading scales the technical colleges use).

Virtual Learning

Elective or required

Length & Credit: Varies with course

Grade: 10-12 (grade 9 with principal or counselor approval)

The School District of Hilbert will offer virtual learning courses through Edgenuity, our online platform. Edgenuity virtual courses are built using an instructional model grounded in research and are aligned to state standards, the Common Core, and the NGSS. The courses offer direct-instruction videos featuring expert, on-screen teachers with rigorous assignments and assessments to engage students and ensure subject-area mastery. The courses are offered through the Edgenuity website and courses are completed individually.

Students participating in the virtual learning courses will receive high school and/or college credit (if applicable), which will be reflected on their Hilbert High School transcript. The letter grade reported by the instructor will be recorded on the student's transcript. When only a percentage grade is reported, the grade will be determined based upon the HHS grading scale.

Virtual courses will be offered based on the decisions from the administration, the interest of the HHS students, and the development of the master schedule. The courses will be limited to those not being offered at HHS during the current academic year, or when an HHS course is unavailable to a student due to a scheduling conflict. Enrollment is at the discretion of the administration and school counselor. See the high school principal or school counselor for more information.

Teacher Assistant (H092/H094)

Elective

Length: One semester

Prerequisite: None

Grade: 11-12

Credit: .5

Students interested in being a teacher assistant must arrange it with the teacher they plan to work with. Being a teacher assistant involves tutoring students and assisting the teacher with paperwork, bulletin boards, displays, etc.

- A maximum of one credit can be earned to apply toward graduation.
- A Pass/Fail grade will be assigned – no letter grade. This grade will not apply towards the GPA.

Youth Apprenticeship

Elective

Length: One- or two-years

Prerequisite: None

Grade: 11-12

Credit: 1.5 for 3 hours of work

A limited number of juniors and seniors may have the opportunity to participate in a school supervised, work-based learning experience. Wisconsin's Dept. of Workforce Development Youth Apprenticeship Program is part of a statewide School-to-Work initiative. It is designed for high school juniors and seniors who want hands on learning in an occupational area at a worksite along with classroom instruction. The program combines academic and technical instruction. Students are simultaneously enrolled in high school academic classes to meet graduation requirements, in a youth apprenticeship related instruction class through either the high school or technical college (Start College Now Program-see below), and are employed by a participating employer under the supervision of a skilled mentor. The student, parents, employer, and Youth Apprenticeship Coordinator meet quarterly to review the student's progress. Three hours of work are required on each school day for 1.5 credits per semester.

Interested students must be in good standing, both academically and in discipline/attendance, and complete the application process by the March 1st deadline.

Students should contact the School Counselor to see if they qualify for this program. Go to <https://dwd.wisconsin.gov/youthapprenticeship/> for detailed information.

Start College Now Program

Elective or required

Length: One semester

Credit: .25 high school credit for each 1 credit of post-secondary course

(Example: .75 high school credit for a 3 credit post-secondary course)

The Start College Now Program allows juniors and seniors, who meet certain requirements, to take post-secondary courses at a Wisconsin technical college or online (if offered by the technical college). The purpose for participating in this program would be to take one or more technical college courses not comparable to HHS courses. Students receive high school and/or technical college credit. To qualify for this program, students must be in good standing both academically and in discipline/attendance, have maxed out all possible course options at HHS (if applicable), and meet the criteria and timelines established by the post-secondary institution. The fall semester deadline is March 1st. The spring semester deadline is October 1st. See the school counselor for details.

Early College Credit Program

Elective or required

Length: One Semester

Credit: .25 high school credit for each 1 credit of post-secondary course

(Example: .75 high school credit for a 3 credit post-secondary course)

The Early College Credit program allows students who meet certain requirements to take post-secondary courses at a UW System college or private WI college. The purpose for participating in this program would be to take one or more college courses not comparable to HHS courses. Students receive high school and/or college credit. To qualify for this program, students must be in good standing both academically and in discipline/attendance, have maxed out all possible course options at HHS (if applicable), and meet the criteria and timelines established by the post-secondary institution. The fall semester deadline is March 1st. The spring semester deadline is October 1st. See the school counselor for details.

District Nondiscrimination Policy - It is the policy of the Hilbert School District that no person may be denied admission to any public school or be denied participation in, be denied the benefits of, or be discriminated against in any curricular, extracurricular, pupil services, recreational, or other program or activity because of a person's sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional or learning disability. All career & technical education programs follow the district's policies of nondiscrimination on the basis of race, color, national origin, sex, age or handicap. In addition, arrangements can be made to ensure that the lack of English language skills is not a barrier to admission or participation.

INDIVIDUAL LEARNING PLAN

Name _____ Class of _____

Plans after high school:

Career Pathway: _____

Career Choice: _____

Check one: ☐ College ☐ Technical College ☐ Workforce ☐ Military ☐ Other

.....
Tentative high school courses:

<u>Grade 9</u>	<u>Credit Earned</u>	<u>Grade 10</u>	<u>Credit Earned</u>
English 9 _____	_____	English 10 _____	_____
Civics _____	_____	U. S. History 10 _____	_____
Physical Science _____	_____	Biology _____	_____
Math _____	_____	Math _____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Phy Ed/Health _____	_____	Phy Ed/Careers _____	_____
8 th grade _____	_____	grade 10 total _____	
grade 9 total _____			

<u>Grade 11</u>	<u>Credit Earned</u>	<u>Grade 12</u>	<u>Credit Earned</u>
English 11 _____	_____	English _____	_____
Soc. Stds _____	_____	Soc. Stds _____	_____
Science _____	_____	Science _____	_____
Math _____	_____	Math _____	_____
_____	_____	_____	_____
_____	_____	_____	_____
Phy Ed _____	_____	Phy Ed _____	_____
grade 11 total _____		grade 12 total _____	