



**HORTONVILLE**

**HIGH SCHOOL**

**HOME OF THE POLAR BEARS**



ACADEMIC AND CAREER PLANNING GUIDE  
2024-2025



*"Our community ensures that every student learns at the highest level."*

## **Welcome to Hortonville High School!**

During high school, students are preparing for more advanced curriculums while continuing to strengthen basic skills. It is our intention that this Academic and Career Planning Guide helps you gain a general understanding of the type of learning experiences you may participate in throughout the course of high school. It is your responsibility to ensure that you have enough credits to graduate and that you have satisfied all HHS requirements. You should check your credits at the beginning of each school year. Students planning on post-secondary education should meet with their School Counselor to make certain requirements are being met for acceptance to these institutions. Your involvement in your education plays a significant role in your success in school. Students will be recognized for their high achievement and completion in rigorous courses and courses that align with their post-secondary plans with the implementation of the Laude System. This system gives us a chance to recognize all students, in all career pathways, that are achieving highly in all departments. Please feel free to contact your teachers, school counselor, or school administrators if you need assistance with your course registration or academic and career planning. As always, we look forward to working with you.

HHS Administration

**Principal – Mr. Tim Rietveld**

**Associate Principal – Mr. Dallas Herbst**

**Dean of Students – Mrs. Kari Rankin**

*"Intelligence plus Character—that is the goal of true education." Martin Luther King, Jr.*



### **Pupil Non-Discrimination Policy**

Pupil Nondiscrimination Statement: It is the policy of the Hortonville Area 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 the person's sex, color, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability.



## COMPREHENSIVE SCHOOL COUNSELING PROGRAM

### Counseling Office

Phone: (920) 779-7934

Fax: (920) 779-7909

Website: <http://www.hasd.org>schools>

Julie Patri, Registrar

Jennifer Van Asten,

Counseling Administrative Assistant

### HHS Professional School Counselors

Laura Kuether, Last names starting with A-G & T

Staci Chevremont, Last names starting with H-O

Alli Winch, Last names starting with P-S & U-Z

Alaina Bennett, School Psychologist

**To make an appointment with your counselor, please see Mrs. Van Asten in the Counseling Office.**

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The Hortonville High School Counseling Program provides a framework to service all students in social/emotional, academic and career development. The program is driven by key components including:

- Individual Student Planning – Helping students evaluate their own interests, abilities, and skills; helping students develop personal goals; helping students create plans for the future.
- Responsive Services – Individual short-term counseling and crisis response services.
- Indirect Services – Make referrals for outside counseling or assistance, consult with parents and teachers to share effective strategies that support students, collaborate with parents, professionals, and community members to support student success, review, and analyze data. (E3 School-Based Counseling) Please see the HASD website for more information. <https://www.hasd.org/e3/e3schoolbasedcounseling.cfm>

**If you or someone you know is in a crisis at school, reach out to a staff member.**

*There is always hope!*

### SUPPORT SERVICES

Hopeline Text Crisis Line: Text HOPELINE to 741741

Outagamie County Crisis Line: 800-719-4418

National Suicide Prevention Lifeline: 988

Youth Suicide Prevention Resources

[https://dpi.wi.gov/sites/default/files/imce/sspw/pdf/2022\\_Model\\_Notice.pdf](https://dpi.wi.gov/sites/default/files/imce/sspw/pdf/2022_Model_Notice.pdf)

Trevor Project: 866-488-7386

Crisis Chat <https://988lifeline.org/chat/>



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## **THE REGISTRATION PROCESS**

As you select courses for the next year, you will need to consider graduation requirements, college admission standards, your own academic performance, and your Academic Career Plan. The information provided on these first pages is important as you make decisions. Students are responsible for scheduling courses to comply with graduation requirements. Please contact your counselor if you need assistance. Current and former teachers are an excellent resource for determining courses such as Advanced Placement, honors, and the sequence of courses. The following is an outline of the registration process:

- ❖ Counselors will present course registration materials to current students by grade level.
- ❖ Course registration will be done through Skyward Family/Student Access.

## **IMPORTANT INFORMATION FOR SCHEDULING**

- Know the Graduation Requirements (page 7).
- Students must request as follows:
  - Freshmen and Sophomores: 8 credits
  - Juniors: 7 credits
  - Seniors: 6 credits
  - Students in all grade levels should request at least three alternate courses.
- Many classes have prerequisites that must be taken prior to enrolling in the class.
- Choose your electives carefully. Course changes may not be available to you after schedules are made.
- A course may not be used to complete a credit requirement in more than one area.
- Every attempt will be made to meet all requests, but in some cases, scheduling conflicts will occur.
  - No courses changes will be allowed after three days into the class.
- All students must meet their 36 hours of community service.
- Some courses have fees associated with them to cover the cost of consumable supplies and resources used by students and to receive college credit. Fees are listed with the course description and are subject to change.



## COURSE CHANGES

Each year, Hortonville High School creates a master schedule for the following school year, which reflects students' course requests made during course registration. Faculty members are employed, textbooks are purchased, and rooms are assigned based on these requests, thus, once a student enrolls in a course, he/she is expected to remain in the course. **Careful consideration of course selection by the student and parent, with input from the counselor, prior to course registration is critical to this process.**

Students requesting a course change will need to complete a "Schedule Change" request form. The form must be completed before any change will be considered. Schedule changes cannot be made if there are no seats available in course requested. Schedule changes requested after the 3-day grace period for straight block classes or after the 6-day grace period for Red/White classes may result in the student receiving an F for the course. A course may be changed for the following reasons:

- ❖ Medical excuse with physician documentation
- ❖ Early Graduation plans (Completed Application)
- ❖ Acceptance into the Early College Credit/Start College Now programs, (Schedule from Post-Secondary School)
- ❖ Summer School Class
- ❖ School-to-Career Work Release/Youth Apprenticeship (Completed Application & Job)
- ❖ Significant changes to a student's post high school plans
- ❖ Course needs to be added to meet a graduation requirement.

Seniors requesting a schedule change will need to make sure that their admission status in all colleges/universities that they were accepted is not compromised by the changes. Universities have informed the school, that if you have been accepted and you change your courses without their acknowledgement, your admission status may be compromised.



## GRADUATION REQUIREMENTS

The responsibility for completing all graduation requirements at the proper times rests with the student. While faculty and counselors will assist students in planning their program, they are not expected to relieve the students of their responsibility. Class of 2024 – 25 credits required; Class of 2025 – 26 credits required; Class of 2026 and beyond – 27 credits required.

<u>Area</u>	<u>Requirement</u>	<u>Notes</u>
Computer Literacy	0.50 Credit	Computer Applications or Office for the 21 <sup>st</sup> Century
English	4.0 Credits	
Financial Literacy	0.50 Credit	Personal Finance
Health	0.50 Credit	
Mathematics	3.0 Credits	Algebra and/or Geometry successfully completed at the 7 <sup>th</sup> and/or 8 <sup>th</sup> grade level will count toward the 3-credit math requirement for graduation when the student enrolls in the next sequential math class in the 9 <sup>th</sup> grade year. The instructor must have been certified by the Wisconsin Department of Instruction in secondary mathematics
Occupations	2.0 Credits	Met through Art, Business, FACS, Music, Technology or any credits earned in core classes beyond the required credits.
Physical Education	1.5 Credits	Earned over three (3) years
Science	3.0 Credits	
Social Sciences Civics Assessment	4.0 Credits Successful completion	
World Language/Fine Arts	1.0 Credit	Art, Music or World Language--World Language successfully completed at the 8 <sup>th</sup> grade level will count toward the 1 cr. Graduation requirement if the instructor is certified by the WI Dept. of Instruction in secondary World Language.
Electives	5.0 – Class of 2024 6.0 – Class of 2025 7.0 – Class of 2026 and beyond	
Youth Service-Learning	36 hours	



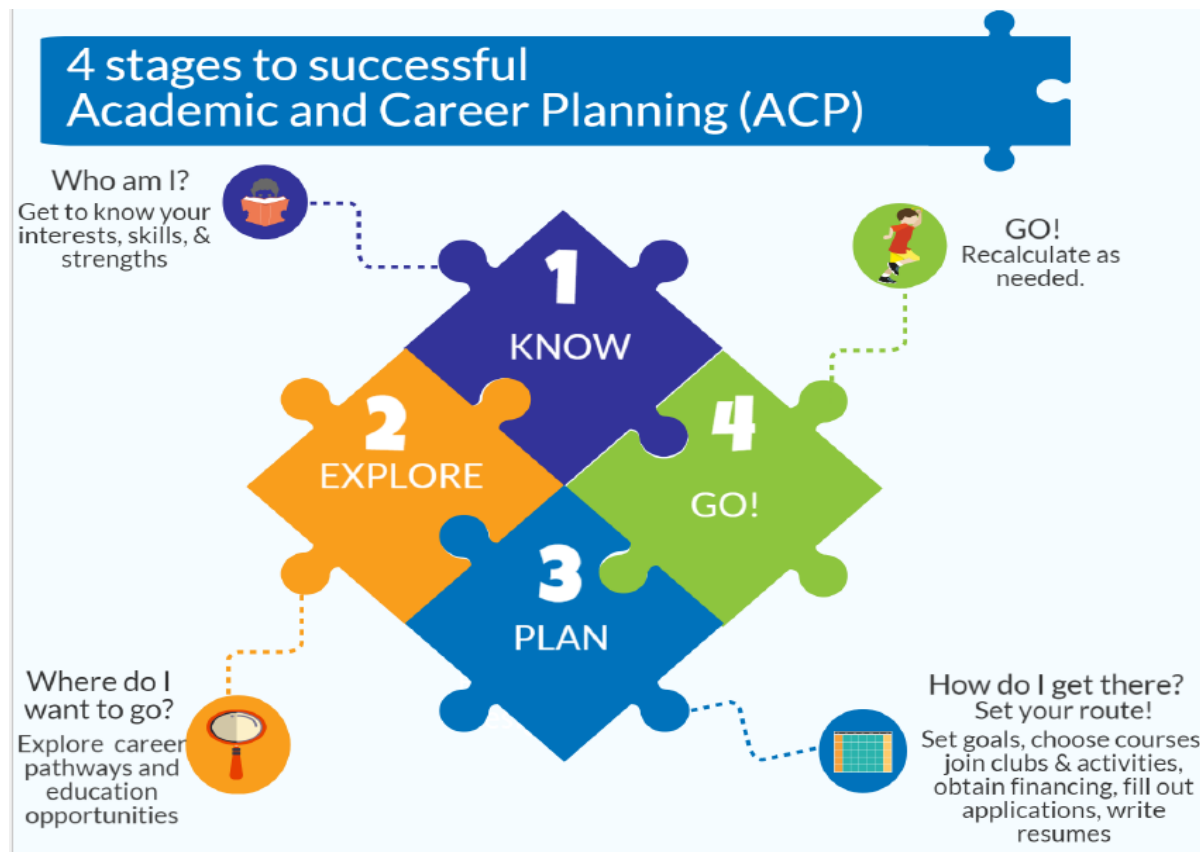


## ACADEMIC AND CAREER PLANNING (ACP)

Academic and Career Planning, or ACP, is a student-driven, adult-supported process in which students create and cultivate their own unique and information-based visions for post-secondary success, obtained through self-exploration, career exploration, and the development of career and management and planning skills.

The term ACP refers to both a process that helps students engage in academic and career development activities, as well as a product that is created and maintained for students' academic, career and personal advancement.

It is an ongoing process to actively engage students to develop an understanding of self, create a vision for the future, develop individual goals and prepare a personal plan for achieving the vision and goals.





## Self-Awareness (KNOW)

**1. KNOW**  
Who am I? Get to know your interests, skills, and strengths.



This stage of Academic and Career Planning is about students developing an awareness of self. Through collaborative conversations with parents, educators, and the community, students will have multiple opportunities to develop an understanding of their personal interests, skills, preferences, and aspirations so they can explore opportunities right for them.

## Career Exploration (EXPLORE)

This stage is about students discovering and learning about the many academic and career opportunities available based on a foundational awareness and understanding of interests, skills, and strengths. This exploration stage will help students narrow down the options to further explore pathways that fit them best, so that they may begin planning a course of action.

**2. EXPLORE**  
Where do I want to go? Explore career pathways and education opportunities.



## Career Planning (PLAN)



**3. PLAN**  
How do I get there?  
Set your route! Set goals, choose courses, join clubs and activities, obtain financing, fill out applications, write resumes.

The planning stage is all about connecting the dots from student's short and long-term goals to what they need to know and do to successfully navigate after high school. The plan will help students take the appropriate courses, extracurriculars and experiences that will enhance each student's plan. Throughout this stage, students will utilize Xello as well as other school-designated resources/tools to help them develop and document their academic and career plans.

## Career Management (GO)

Remember, there is no wrong pathway to success, and through ACP we will ensure that all students travel the road to adulthood equipped with the knowledge, skills, and dispositions to be successful in tomorrow's workforce.

As students gain experience, knowledge, and skills, they can reassess and change their plans.



**4. GO!**  
Recalculate as needed.



**HHS ACADEMIC AND CAREER PLANNING**

<b>Core Courses</b>	<b>Grade 9</b>	<b>Grade 10</b>	<b>Grade 11</b>	<b>Grade 12</b>
<b>English</b> 4.0 Credits	English 9 Honors English 9 Interdisciplinary Studies	English 10 Honors English 10	English 11 CAPP Writing 101	CAPP American Literature II 214 CAPP British Literature II 212 Senior English A & B Written Communication Intro to Public Speaking CAPP Writing 101
<b>Math</b> 3.0 Credits	Algebra Geometry	Geometry Algebra 2 Pre-Calculus Pre-Calculus TC CAPP Calculus AP Calculus BC	Algebra 2 Pre-Calculus Pre-Calculus TC CAPP Calculus AP Calculus BC AP Statistics	Pre-Calculus Pre-Calculus TC College Tech Math CAPP Calculus AP Calculus BC AP Statistics
<b>Science</b> 3.0 Credits	Integrated Science Biology Honors Biology	Integrated Science Biology/Honors Bio Chemistry/Honors Chem Human Anatomy Physics AP Physics I	Choose 1.0 Science Credit	Optional – refer to college program requirements or career interest
<b>Social Studies</b> 4.0 Credits Civics Assessment	Interdisciplinary Studies Global Studies/Civics	World History AP World History-Modern	US History AP US History	Choose 1.0 Social Studies Elective Credit
<b>Wellness</b> 1.5 Credits (Over 3 years)	Physical Education Athletic Performance 9 Weight Training I	Physical Education Athletic Performance Weight Training II	Choose .5 Physical Education Credit (required 11 or 12)	Choose .5 Physical Education Credit (required 11 or 12)
<b>Health</b> .5 Credit		Health		
<b>Personal Finance</b> .5 Credit			Personal Finance (Required 11 or 12)	Personal Finance (Required 11 or 12)
<b>Computer Proficiency</b> .5 Credit	Computer Applications Office for the 21 <sup>st</sup> Century	Computer Applications Office for the 21 <sup>st</sup> Century		
<b>Fine Arts and/or World Language</b> 1.0 Credit				
<b>Occupations</b> 2.0 Credits				
<b>Electives</b> 2025-6 Credits 2026+-7 Credits				



## LAUDE SYSTEM

Starting with the Class of 2024, the Laude System replaces rank at Hortonville High School, and it will be used as our recognition of graduates for both high academic standing and rigorous course selections. Class GPA shall be maintained starting with the first semester of ninth grade and continuing through the 12<sup>th</sup> grade. Students must have a minimum cumulative GPA of 3.4 to qualify for Laude recognition. Only full-time students shall qualify for Laude status. Final grades for the quarter and/or semester shall be used to calculate grade point average (GPA) for Laude calculation and recognition. Only high school level academic subjects approved by the Board, or its designee, shall be included in computing grades. Official Laude calculation will be completed after spring semester grades are earned during their senior year.

The Laude System at Hortonville High School will consist of three levels of recognition for academic grades earned and rigorous courses selected. From most rigorous to decreasing, the levels are Summa Cum Laude, Magna Cum Laude, and Cum Laude. Class rank will be determined by the Laude calculation when needed for external purposes (i.e., scholarship requests).

**Summa Cum Laude** (With highest honor/distinction): Laude Score of 152 and above

**Magna Cum Laude** (With great honor/distinction): Laude Score of 128 - 150.5

**Cum Laude** (With honor/distinction): Laude Score of 80 – 125.9

Laude calculations and eligible courses will be updated and described annually in the student handbook for Hortonville High School. Any course not listed on Page 14 that earns college credit or AP credit, may be considered with prior approval by the principal.



## LAUDE RECOGNITION RANGES

Number of courses eligible for  
 Laude recognition.  
 ➤ Honors  
 ➤ Advanced Placement  
 ➤ Advanced Standing  
 ➤ Dual Credit  
 - Transcribed  
 - CAPP  
 - ECCP  
 - SCN  
 - ITV  
 See List on the following page.

	4	3.9	3.8	3.7	3.6	3.5	3.4
50	200	195	190	185	180	175	170
49	196	191.1	186.2	181.3	176.4	171.5	166.6
48	192	187.2	182.4	177.6	172.8	168	163.2
47	188	183.3	178.6	173.9	169.2	164.5	159.8
46	184	179.4	174.8	170.2	165.6	161	156.4
45	180	175.5	171	166.5	162	157.5	153
44	176	171.6	167.2	162.8	158.4	154	149.6
43	172	167.7	163.4	159.1	154.8	150.5	146.2
42	168	163.8	159.6	155.4	151.2	147	142.8
41	164	159.9	155.8	151.7	147.6	143.5	139.4
40	160	156	152	148	144	140	136
39	156	152.1	148.2	144.3	140.4	136.5	132.6
38	152	148.2	144.4	140.6	136.8	133	129.2
37	148	144.3	140.6	136.9	133.2	129.5	125.8
36	144	140.4	136.8	133.2	129.6	126	122.4
35	140	136.5	133	129.5	126	122.5	119
34	136	132.6	129.2	125.8	122.4	119	115.6
33	132	128.7	125.4	122.1	118.8	115.5	112.2
32	128	124.8	121.6	118.4	115.2	112	108.8
31	124	120.9	117.8	114.7	111.6	108.5	105.4
30	120	117	114	111	108	105	102
29	116	113.1	110.2	107.3	104.4	101.5	98.6
28	112	109.2	106.4	103.6	100.8	98	95.2
27	108	105.3	102.6	99.9	97.2	94.5	91.8
26	104	101.4	98.8	96.2	93.6	91	88.4
25	100	97.5	95	92.5	90	87.5	85
24	96	93.6	91.2	88.8	86.4	84	81.6
23	92	89.7	87.4	85.1	82.8	80.5	78.2
22	88	85.8	83.6	81.4	79.2	77	
21	84	81.9	79.8	77.7			
20	80	78					

The range for each award as follows:

Summa Cum Laude	152 and above
Magna Cum Laude	128 to 150.5
Cum Laude	80 to 125.8

Examples:

$(3.8 \times 44 = 167.2/\text{Summa Cum Laude})$

$(3.7 \times 35 = 129.5/\text{Magna Cum Laude})$

$(3.4 \times 26 = 88.4/\text{Cum Laude})$



## 2024-2025 Laude Courses

### Art

- Advanced 2D Art
- Advanced 3D Art
- Ceramics II
- Senior Studio-CAPP Art 101 Elements of Studio Art
- Art History-CAPP Art 105 Understanding the Arts

### Business Ed. / Computer Science

- Accounting (CAPP)
- Advanced Marketing TC
- Business Management TC
- Office for the 21<sup>st</sup> Century AS
- Advanced Microsoft Office TC
- AP Computer Science A
- AP Computer Science Principles

### English

- Honors 9
- Interdisciplinary Studies 9
- Honors 10
- CAPP Writing 101
- Intro to Public Speaking
- CAPP American Literature II
- CAPP British Literature II

### Family & Consumer Science

- ECE: Child Development TC
- ECE: Infant & Toddler TC
- ECE: Health, Safety & Nutrition TC
- CAPP Educ 110/ECE: Foundations of Early Childhood Education TC
- /Intro to Educ Prac/Technology in Education. TC

- Culinary Catering TC

### Health Sciences

- Medical Terminology

### Math

- Pre-Calculus
- Pre-Calculus TC (college credit)
- CAPP Calculus
- AP Calculus BC
- AP Statistics
- College Technical Math

### Manufacturing, Engineering & Technology

- Metals Fab & Welding TC
- GMAW Techniques 1 TC
- Cabinet & Furniture Making TC
- DC Fundamentals TC
- Project Lead the Way (PLTW)
  - Intro to Engineering Design
  - Principles of Engineering
  - Computer Integrated Manufacturing
  - Engineering, Design & Development

### Music

- Wind Ensemble
- Arctic Singers
- Music Theory
- 3<sup>rd</sup> & 4<sup>th</sup> year of choir/band

### Physical Education

- CAPP Active Lifestyle
- CAPP Weight Training I
- 4<sup>th</sup> Year of Physical Education

### Science

- Honors Biology
- Human Anatomy & Physiology
- Honors Chemistry
- Honors Physics
- AP Biology
- AP Chemistry
- Honors AP Chemistry
- AP Physics 1 & 2
- AP Environmental Science
- Organic Chemistry
- Zoology

### Social Science

- AP US History
- AP World History-Modern
- AP Psychology
- AP Human Geography
- AP U.S. Government & Politics
- AP Microeconomics
- Sociology II
- Psychology II

### World Language

- Spanish 4
- Spanish 5 (CAPP 204/AP)
- Spanish 6 (CAPP 312)
- German 4
- German 5 (CAPP 204)
- German 6 (CAPP 304)

### ECCP/SCN/ITV

- Any course taken through a post-secondary institution



## **PLANNING FOR THE FUTURE**

During the four years of high school, students are establishing an educational foundation for their future. This may include immediate employment after completing high school, enlistment in one of the military services, or post-high school education or training. Factors that are important for each student's future are:

1. The selection of courses while in high school.
2. The grades received which determine the grade point average, the rigor of classes taken and the student's rank within the class.
3. The attendance record that includes both absenteeism and tardiness.
4. The activities in which a student has participated, both in and outside of school; the personal recommendations of teachers, counselors, and administrators.

Careful selection of high school courses is essential for students considering post-high school education, which may include colleges, technical schools, and military academies. Please carefully consider the following recommendations as they may affect your future plans.

### **POST HIGH SCHOOL EDUCATION PLANNING**

1. Always check the website, catalog, or brochure of the school in which you are interested and select courses necessary to meet the entrance requirements of that school. Counselors can also help you interpret admission requirements.
2. Students planning to attend a college or university may want to take the Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) as juniors. This examination helps students to assess and compare their verbal and mathematical reasoning abilities. It can also provide students with an estimate of their probable performance on the Scholastic Aptitude Test (SAT) which is a college entrance examination and is the qualifying exam for the National Merit Scholarship. See your counselor for details.
3. Colleges may require the American College Test (ACT) or the Scholastic Aptitude Test (SAT) as entrance examinations. If either is required, we suggest that you take it in the spring or summer after your junior year or no later than the fall of your senior year. The ACT will be administered at HHS to every junior, at no cost to the student.
4. Students planning to attend a college or university should plan to take Algebra 1, Geometry, and Algebra 2 and are encouraged to take as much mathematics as they can successfully complete. Post high school programs vary in their mathematics requirements for admissions.
5. Students should consider taking Chemistry and Physics. If a scientific or medical field is considered, student should take as much science as possible, depending upon interest and school requirements. Always check the website, catalog, or brochure of the school in which you are interested.
6. Although not all colleges require a foreign language for admittance, many schools require it for college graduation. These schools usually accept high school foreign language as one way of meeting their foreign language requirement. Students should always consult the specific college requirements.
7. If students know what interest areas they are going to pursue, they should take the advanced courses offered in the high school curriculum.





8. Students should be aware and consult with their counselor about opportunities for college credit through:
  - a. Advanced Placement (AP) Courses
  - b. Cooperative Academic Partnership Program Courses-UW-Oshkosh & Concurrent-Academic-Progress-Program-Lakeland University  
CAPP courses are dual credit: HHS credit and UW-Oshkosh credit or HHS credit and Lakeland University credit.
  - c. Technical College Tech Prep
  - Hortonville High School has partnered with FVTC and Northeast Wisconsin Technical College for transcribed (dual) credit. In addition to receiving a high school transcript, grades are posted on an official technical college transcript and tabulated in the student's technical college GPA.
  - d. Early College Credit Program  
This program is an opportunity for students, 9-12, to earn credits at university campus. Participating in this program requires approval by the high school counselor, principal, Board of Education, and post-secondary school.  
Application deadlines are as follows: **\*February 1 for summer courses \*March 1 for fall semester courses \*October 1 for spring semester courses**
  - e. Start College Now Program  
This program is an opportunity for high school students, 11-12, to take college courses at Wisconsin Technical Colleges. Students looking to take courses in the fall semester must turn in the application by **March 1**. For spring semester courses the same application is used, however the due date is **October 1**.
  - f. Part-time Public-School Open Enrollment  
Wisconsin public high school pupils may apply to attend one or two courses in nonresident school districts, while remaining enrolled in their district of attendance for most of their classes.
9. Colleges and universities help qualified students who have financial need by offering scholarships, grants, loans, and employment programs. For further information, contact the specific financial aid offices at colleges or universities to which you have applied.
10. Students may have questions about their future educational plans. They are encouraged to make an appointment with their counselor. Parents are encouraged to attend the Sophomore Planning conferences with their student and their student's counselor.
- 11 Here you will find links to the University of Wisconsin System, the Wisconsin Technical College System, and the Wisconsin Association of Private Colleges & Universities for specific admissions requirements by school. You could also go to the website of the specific educational institute of interest to you.
12. If you are a college-bound student athlete, you will also find links for **NCAA** and **NAIA** eligibility information on the Counseling webpage, under the Academics/Counseling tab and then click on College Planning.



## College Credit Comparison

	<b>Advanced Standing (AS)</b>	<b>Transcripted Credit (TC) (Dual Credit)</b>	<b>CAPP Courses</b>	<b>Early College Credit (ECCP)/Start College Now (SCN)</b>	<b>Advanced Placement (AP)</b>
<b>Description</b>	High School course that matches a technical college course. Successful students become eligible to received advanced standing after enrolling in an Associate Degree or Technical Diploma at the college. You must request Advanced Standing when you enroll at the technical college.	Technical college course taught by a high school teacher that FVTC certifies for Dual Credit instruction. Student earns credit at HHS and the technical college. "C" minimum grade to receive credit.	CAPP courses are actual college courses through UW Oshkosh or Lakeland University, where students may request an official college transcript. College curriculum and grading scale are used. Student receives HHS and college credit. Retroactive credits granted for World Language students earning a B or better (earning up to 16 credits with course).	ECCP are college courses through the U.W. System or Private Universities. Open to Gr 9-12.  SCN courses are technical college courses. Open to Gr. 11-12. Courses are offered on campus and/or online. Students earn HHS and college credit.	Advanced Placement is supported by the College Board and allows high school students to take college-level courses that might earn them college credit and/or qualify them for more advanced classes when they begin college if they score high enough on the exam. AP exams are given every year in May. You may take AP exams without taking the course if you feel you can prepare for the exam independently.
<b>Cost to student</b>	\$0	\$0	\$105 per credit (2023-24 Subject to change on a yearly basis)	\$0 if approved by BOE and class is passed. District pays for up to 18 college credits.	Cost of the exam (2023-24 = \$98)
<b>Requirement</b>	Student must request HHS final transcript be sent to FVTC to be awarded credit. Rachel Aldrich is the current contact person at FVTC.	Online registration with the help of the HHS teacher, at the beginning of the semester.	Junior or senior who meets at least 1 of these 3 requirements, is eligible to enroll. Class rank in top 30 percent GPA of at least 2.75 or above on a 4.0 scale. Application to UW Oshkosh; registration for the class(es) and payment <b>Fall application deadline is July 31 and Spring application is due December 20.</b>	DPI form submitted. <b>February 1 for summer term (ECCP only)</b> <b>March 1 for fall semester of following school year</b> <b>October 1 for spring semester of current school year</b> Approval by BOE. Scheduling the classes with the college.	Registration and payment for the exam. November 1 deadline.
<b>Transferability</b>	Accepted by WI technical college per their guidelines.	Transfers to other colleges as technical college course credit and letter grade per receiving college's guidelines	UW Oshkosh credits will transfer to over 200 schools across the country. There is more info. available on the CAPP website. Please refer to the Credit Recognition Sheet. Note that this does not guarantee transfer.	Transfers to most technical colleges and/or most colleges.	Many colleges in the United States offer credit for AP scores.



## ALTERNATIVE EDUCATION

The Hortonville Alternative High School Program provides direct services to grades 10, 11 and 12. Two full-time teachers staff the program. The instructors are responsible for coordination of the program with the main building, day-to-day operation, supervision and teaching of students under direction from the high school administration. Alternative Education uses curriculum aligned with the essential learning standards created by the departments at HHS. Students work independently in a self-paced environment. Students may also take mainstream classes. *Students are referred by school counselors, administration, parents, teachers, or student self-referral through the Counseling Department.*

Student eligibility is assessed based on status of “Legally at Risk” according to Wisconsin state statute, need for credit remediation, as well as other educational and/or personal factors that indicate the need for support. The Alternative Education teachers interview candidates prior to each semester. Placement in Alternative Education is voluntary, and enrollment is limited.



## SERVICE LEARNING

Hortonville High School requires 36 hours of community service as a graduation requirement. Students log their hours through the Transeo program. Please note that to participate in certain programs, service hours must be current. Any questions should be directed to Mrs. Jessica St. John, coordinator.

- ❖ Freshmen year - 9 hours complete
- ❖ Sophomore year - 18 hours complete
- ❖ Junior year - 27 hours complete
- ❖ By April 15 of senior year, 36 hours need to be completed.



## COURSE OFFERINGS

On the following pages, courses are listed by subject and subjects are listed alphabetically. Each subject begins with a course map/pathway.

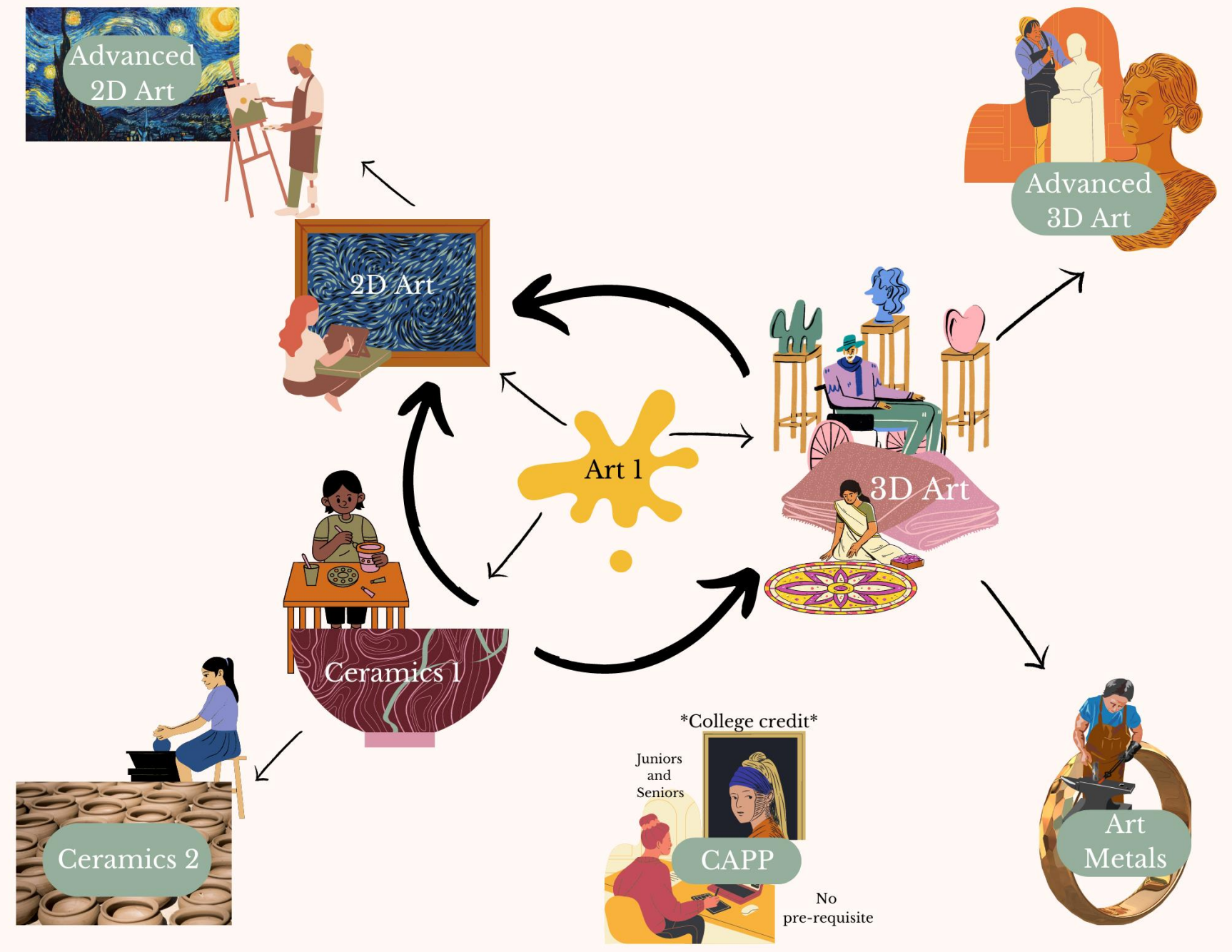
New courses for the 2024-2025 school year are highlighted:

Name changes in established courses are highlighted.

The number of Laude points are in red font within the course description.

Information that is to be emphasized is highlighted.

# ART DEPARTMENT COURSE MAP



## ART COURSES

### **Art 1 #5005 #5005**

**.50 CR**

**Years 9-12**

**Prerequisite: None**

Art 1 encourages students to develop an appreciation for art as we create and observe art through media, nature, architecture, advertising, museums, and more. In Art 1 you are building foundational skills that can be used on their own or developed further in other art courses.

---

### **Art Metals/Jewelry #5009      Fee: \$15** *Formerly Art Metals*

**.50 CR**

**Years 9-12**

**Prerequisite: Art 1 & 3D Art**  
**No prerequisite for 11 & 12**

Art Metals centers around jewelry making with materials like metal, glass, beading, clay, and fiber. Jewelry is an opportunity for students to work with different materials and learn about techniques. Students will learn how to saw, file, and polish solid materials. Beading, Polymer Clay, Fibers, and various jewelry completion techniques will also be part of this program.

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### **2D Art #5019      Fee: \$15**

**.50 CR**

**Years 9-12**

**Prerequisite: Art 1**

#### *Combination of previous Drawing I & Painting I*

2D Art is a course that builds on Art 1 by focusing on 2D mediums. This includes drawing, paintings, and printmaking. Students will dive deeper into the technical skills of drawing and painting by focusing on things like still life, perspective, portraiture, and figure drawing, abstraction.

---

### **Advanced 2D Art #5021      Fee: \$15**

**.50 CR - 1 Laude Point**

**Years 11-12**

**Prerequisite: Art 1 & 2D Art**

#### *Combination of previous Drawing II & Painting II*

Advanced 2D Art is an extension of 2D Art. You are using a combination of drawing, painting, and printmaking skills to create complex, highly developed works of art. As students are mastering mediums there is more freedom in artistic expression.

---

### **3D Art #5024      Fee: \$15**

**.50 CR**

**Years 10-12**

**Prerequisite: Art 1**

#### *Combination of previous Sculpture, Fibers, Printmaking, Metals and Glass*

3D Art is a course that builds on Art 1 by focusing on 3D mediums. This includes glass, metals, beading, fibers, clay, wood, mix media, printmaking, and sculpture. Students will explore a variety of these mediums as well as artistic techniques to create 3D works of art.

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**Advanced 3D Art****.50 CR - 1 Laude Point****Years 11-12****Prerequisite: Art 1 & 3D Art****#5026 Fee: \$15***Combination of previous Sculpture, Fibers, Printmaking, Metals and Glass--more in-depth level*

Adv. 3D Art is an extension of 3D Art. You are using a combination of 3D materials like glass, metals, beading, fibers, clay, wood, mixed media, printmaking, and sculpture to create highly developed works of art. As students are mastering mediums there is more freedom in artistic expression.

---

**Ceramics 1****.50 CR****Years 9-12****Prerequisite: Art 1****#5030 or****No prerequisite for 11 & 12**

In Ceramics 1, students will learn various methods of handbuilding and forming using the slab and coil technique. Students will be introduced to the potter's wheel. They will glaze their ceramics and learn about the firing process.

---

**Ceramics 2****.50 CR - 1 Laude Point****Years 11-12****Prerequisite: Art 1, Ceramics 1****#5032**

Ceramics 2 is an advanced ceramics course that builds upon the concepts learned in Ceramics 1. A strong emphasis will be on wheel thrown pots, combination wheel, and hand-built pots. Experimentation with glazes is expected in Ceramics 2.

---

**Senior Studio****1 CR - 2 Laude Points****Years 11-12****Prerequisite: 2.75 GPA****#5051****Fee: Optional college credit \$110/college credit (\$330)**

Senior Studio is for Seniors interested in gaining art credit with or without college credit. This course gives artful experiences in a variety of 2D and 3D Studio Art Media and techniques to expand their knowledge, appreciation and understanding of Art and Design within the context of the Liberal Arts. Must have at least a 2.75 GPA or upper 30% of your class.

**CAPP ART 101 \*UWO 101 Elements of Studio Art (3 Credits)** Open to Juniors and Seniors (For non-Art Majors and Minors only).

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**Art History****1 CR - 2 Laude Points****Years 11-12****Prerequisite: 2.75 GPA****#5052****Fee: Optional college credit \$110/college credit (\$330)**

Art History is open to Juniors and Seniors and can be taken with or without college credit. Art History provides students with an education that increases their understanding and appreciation of the visual arts. Must have at least a 2.75 GPA or upper 30% of your class.

**CAPP ART 105 \*UWO 101 Understanding the Arts (XC) (3 Credits)** (Not applicable to Art major or minor degree)

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**Independent Art Study  
#5059      Fee \$15.00**

**.50 CR**

**Years 11-12**

**Prerequisite: Art 1, two advanced  
art courses and consent of instructor**

Independent Study in Art is for the advanced art student who has demonstrated exceptional ability in other art courses. They must be self-motivated and disciplined to produce a body of work in a concentrated concept or medium. May be required to participate in class critiques and other written work.

---

**Studio Assistant  
#5064**

**.50 CR**

**Years 9-12**

**Prerequisite: Previous Art course &  
Instructor consent**

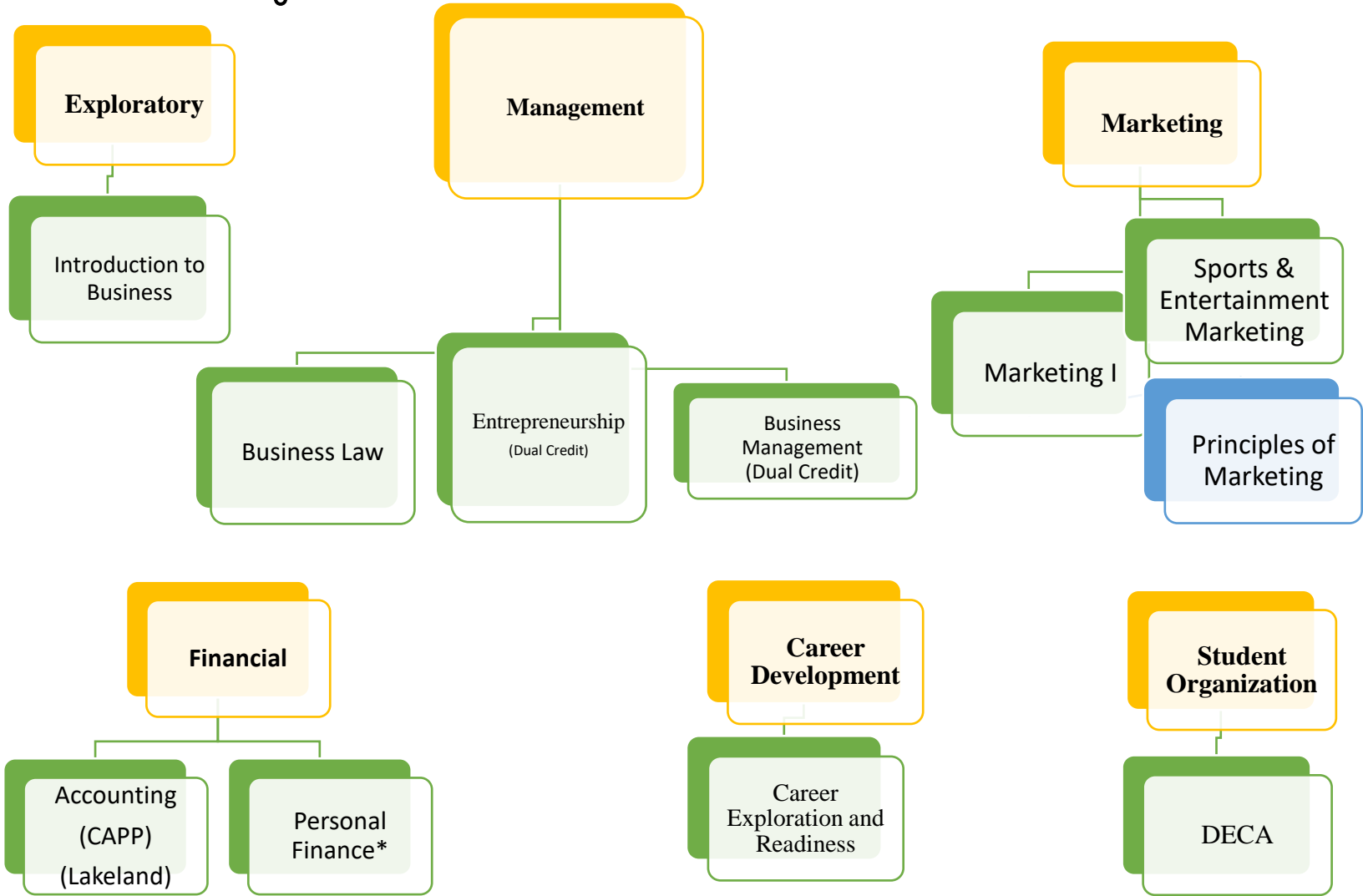
The Studio Assistant's role is helping around the art room. This role is for the independent student who is a leader and enjoys helping others. Role may include but is not limited to; Helping with clerical duties like seating charts, organization, paperwork, cutting and organizing, Helping run games, take notes and or other studio care projects.

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# BUSINESS AND MARKETING COURSE MAP



\*Graduation Requirement

## **BUSINESS and MARKETING COURSES**

### **Introduction to Business #6015**

**.50 CR**

**Years 9-12**

**Prerequisite: None**

Want to learn about the world of business? This course is designed to provide students with a fundamental understanding of key business concepts, principles, and practices. Introduction to Business aims to equip you with the knowledge and skills necessary to navigate the complex world of commerce, entrepreneurship, and economics. Whether you aspire to become a future business leader, an entrepreneur, or simply want to be an informed consumer, this course will provide you with a strong foundation in the business world.

---

### **Business and Law #6021**

**.50 CR**

**Years 11-12**

**Prerequisite: None**

This class is a comprehensive and engaging course designed to introduce students to the fundamental principles and concepts of business law. This course will provide students with a solid understanding of the legal framework that governs various aspects of business operations, contracts, and the broader commercial environment. Students will explore real-world case studies, engage in discussions, and develop critical thinking and problem-solving skills to better prepare them for future academic and professional endeavors.

---

### **Accounting (CAPP) #6039**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prerequisite: None**



Concepts and application of accounting principles will be presented. We view the accounting function as an essential and powerful activity in the business environment. The students will look at the basic accounting vocabulary, analyze business transactions from an accounting viewpoint, and recognize, record, and classify new accounting data. Upon completion of the course, the students should have a solid foundation in the theory of financial accounting and should be able to solve problems utilizing accounting principles and techniques. This is an advanced course which may be taken for the Concurrent Academic Progress Program (CAPP). University tuition is charged if the course is taken for CAPP credit. The course of study is the same for all students whether taken for high school credit only or CAPP. Students who meet CAPP criteria take this course through Lakeland University. Those who pass the CAPP course earn 3 college credits in addition to 1 high school credit.

---

### **Career Exploration & Readiness #6051**

**.50 CR**

**Years 9-12**

**Prerequisite: None**

Designed to allow students to explore different career possibilities, to prepare students for the job hunt, and to prepare students for success on the job.

---

**Sports/Entertainment Marketing #6063** .50 CR

**Years 9-12**

**Prerequisite: Office for the 21<sup>st</sup> Century**

Students will investigate marketing specific to the sports, travel, hospitality, and entertainment industries. Marketing strategies, including market research, branding, sponsorship, endorsements, public relations, events, social media, and advertising, will be explored. Students will learn the skills necessary to develop a franchise concept and implement marketing strategies to build a marketing plan for their team.

---

**Marketing I #6109**

**.50 CR**

**Years 9-12**

**Prerequisite: Sports Marketing**

This course provides an overview of the essential functions and foundations of marketing. These functions include market planning, channel management/distribution, selling, economics, and our free enterprise system. Students will also explore careers in the field of marketing. This course is highly recommended for students interested in business and marketing and who want to understand marketing's important role in our economy.

---

**Principles of Marketing #6114**

**.50 CR**

**Years 11-12**

**Prerequisite: Marketing I**

Introduces modern marketing practices. The course examines the role played by marketing in society and covers consumer motivation, marketing segmentation, product development, advertising, and channels of distribution. This class will build on ideas learned in introductory marketing classes and introduce advanced level marketing concepts such as buying behavior, product development, information technology, and many more!

---

**Entrepreneurship TC #6115**

**.50 CR - 1 Laude Point**

**Years 11-12**

**Prerequisite: None**



This is a dynamic and engaging course designed to introduce high school students to the exciting world of entrepreneurship. This course is an opportunity for young minds to explore their creativity, develop critical thinking skills, and learn the fundamentals of starting and running a successful business. Whether you dream of launching a startup, want to understand the business world, or simply want to think more innovatively, this course is your gateway to a wealth of knowledge and practical skills. This is an articulated course with F.V.T.C.

---

**Business Management TC  
#6017**

**.50 CR - 1 Laude Point**

**Years 11-12**

**Prerequisite: None**



This course is intended to provide 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 and the economy in both national and international business. It introduces business students to the core concepts through hands-on learning activities. Students are engaged with projects that allow them to explore business and entrepreneurial opportunities. This is an articulated course with F.V.T.C

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**Personal Finance  
#6105**

**.50 CR**

**Years 11-12**

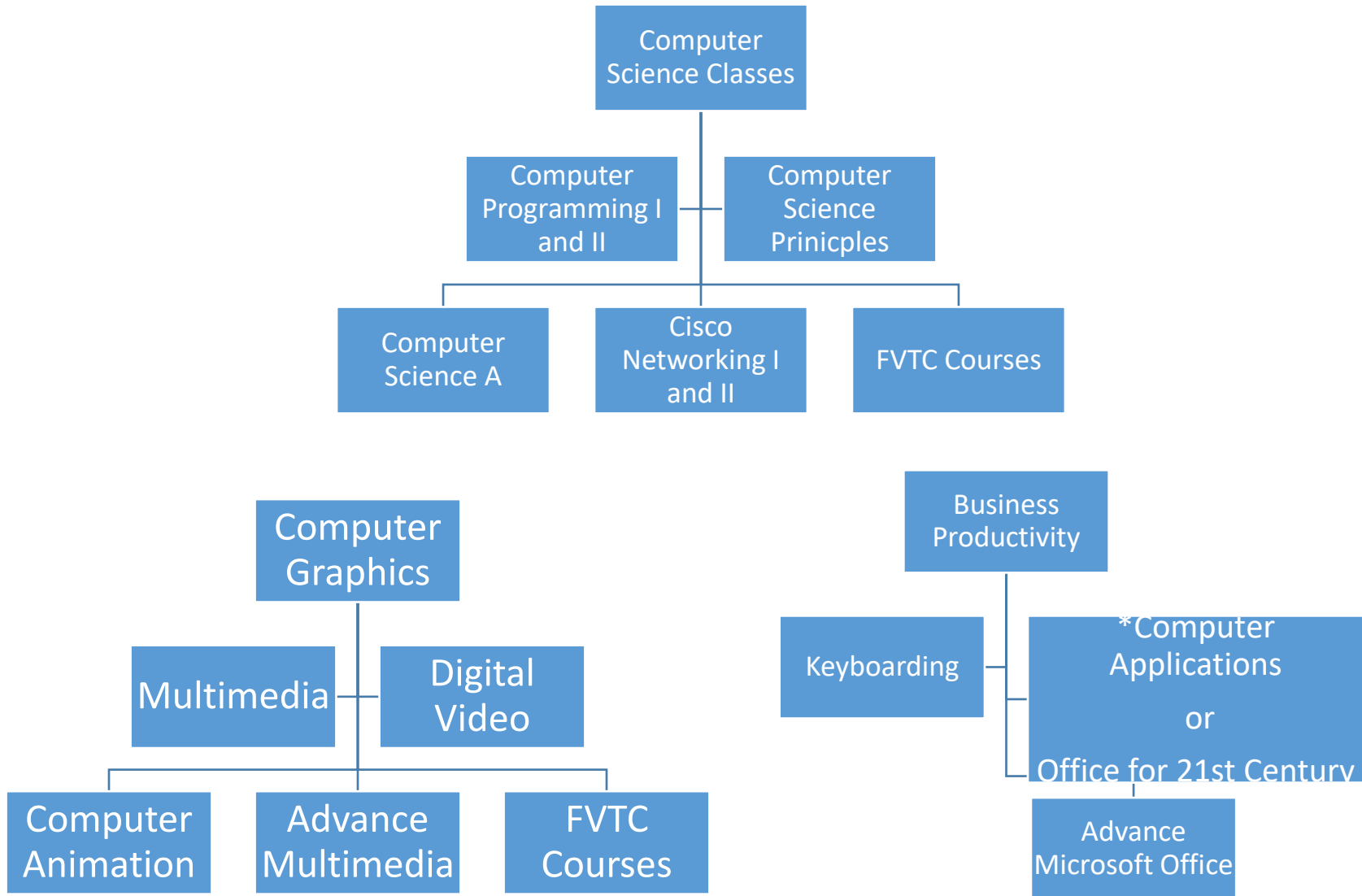
**Prerequisite: None**

A **required** course that prepares students for their financial future. Topics include developing an understanding of financial planning, budgeting, personal banking, credit, income taxes, investing, retirement, and insurance.

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# COMPUTERS COURSE MAP

## Ideal Course Sequence for Computer Science Classes



\*Graduation Requirement (Must complete Computer Applications OR Office for the 21<sup>st</sup> Century)



## COMPUTER/COMPUTER SCIENCE COURSES

### Ideal Course Sequence for Computer Science Classes

Year 1	Year 2	Year 3	Year 4
<ul style="list-style-type: none"> <li>• Computer Programming I and</li> <li>• Computer Programming II</li> </ul>	<ul style="list-style-type: none"> <li>• AP Computer Science Principles</li> </ul>	<ul style="list-style-type: none"> <li>• AP Computer Science A</li> <li>• Cisco I</li> </ul>	<ul style="list-style-type: none"> <li>• FVTC Courses</li> <li>• Youth Apprentice Classes</li> <li>• Cisco II</li> </ul>

(Classes can be taken in any order.)

#### **Keyboarding**

**.50 CR**

**Years 9-12**

**Prerequisite: None**

#### **#6005RW**

Keyboarding is designed to teach the students to “touch type” while giving the student a working knowledge of the computer so that they will be able to type letters, reports and other business documents with accuracy and speed. Highly recommended for students that type at less than 30 words per minute.

---

#### **Computer Applications**

**.50 CR**

**Years 9-10**

**Prerequisite: None**

#### **#6007 or 6007RW**

In this class you will learn how to use Microsoft (Word, Excel, and PowerPoint) and Google products in a productive and professional capacity. Having these skills will make you more employable, but your knowledge and ability to use these programs will allow you to complete homework in high school and college better, faster, and more efficiently. Get these skills today, to be more marketable tomorrow.

---

**Office for the 21<sup>st</sup> Century AS  
#6013 or 6013RW**

**.50 CR - 1 Laude Point**

**Years 9-10**

**Prerequisite: Middle School Teacher  
Recommendation**



In this course, students will learn career-ready skills in Microsoft Office and an overview of Computer Science. Students will gain hands-on experience in Word, Excel, and PowerPoint that will prepare them to take Microsoft Office Specialty Certifications (MOS) at the end of each unit and could receive Advanced Standing at FVTC. Students can use these certifications on their resumes when they apply for jobs. Additionally, students will receive an introduction to computer science in which they will learn about various topics in the field of study. (Students can take either Office for the 21<sup>st</sup> Century or Computer Applications for the required graduation requirement, but students cannot take both.)

---

**Advanced Microsoft Office TC  
#6053**

**.50 CR - 1 Laude Point**

**Years 10-12**

**Prerequisite: Comp Apps or Office 21<sup>st</sup>**



Students will learn intermediate skills in Word, Excel, and PowerPoint. In this Microsoft Office College Series course, students will learn lifelong computer skills in these programs. This class will prepare students to take the Microsoft Office Specialist certification exams, and it will prepare student to meet the college software competency requirements.

---

**Computer Animation/Game Design  
#6057**

**.50 CR**

**Years 10-12**

**Prerequisite: Multi-Media Web**

This beginning animation course exposes students to the range of traditional and digital techniques used in 2-D or 3-D computer animation. In the first half of the class students will learn the principles of animation using basic theory and mechanics of their drawing skills. They will study the fundamental principles of character design, layout, and storyboarding. The second half of the class, students will also be exposed to the game and the app development process of game design. Students will create games while learning the basic programming that is involved in the game design process.

---

**Digital Video  
#6061**

**.50 CR**

**Years 9-12**

**Prerequisite: None**

Do you like making videos? Digital Video class focuses on learning post-production software using Adobe Premiere and After Effects while learning the fundamental skills necessary to complete a high-quality video. This project-based class gives students the chance to create different kinds of videos using different techniques while having the opportunity to collaborate with other students in and out of class.

---



**Multi-Media & Web Design #6071** .50 CR Years 9-12 Prerequisite: Comp. Apps or equivalent

Do you like working with computers and graphics? This is an introductory course for you in digital media. Students will use different techniques on how to edit images using Adobe products to use on the Web. The class will also cover an overview on how to create basic web pages using HTML and Computer Programming Concepts.

---

**Adv. Multi-Media & Web Design #6073** .50 CR Years 10-12 Prerequisite: Multi-Media & Web Design

Do you want to do more with graphics? In this course students will dive in deeper on concepts in photo editing and webpage development. Students will apply this knowledge to a student developed project that is of student interest. Adobe Certification will be encouraged for students to work towards.

---

**Computer Programming I #6069** .50 CR Years 9-12 Prerequisite: None


Are you ready to start to learn the basics of programming? Computer Programming I is an introductory course in computer programming that is approachable and engaging. This course will focus on basic programming concepts that all programming languages use while becoming familiar with the program development process. The class will start in Block base programming language such as SNAP and will transfer into text base programming using Python programming language.

---

**Computer Programming II #6067** .50 CR Years 9-12 Prerequisite: Computer Programming I or AP Computer Science Principles

This class is a continuation of Computer Programming I. The class will continue in the Python programming language and instructs students correct programming structure and style. The topics covered include input, output, conditionals, looping, variables, lists, functions, and libraries. Structured programming and good style are emphasized.

---

**AP Computer Science A #6121RW-6122RW**  1 CR - 2 Laude Points Years 10-12 Prerequisite: None

This course is equivalent to a first-semester, college-level course in computer science for CS majors. The course introduces students to computer science using the industry-standard Java Programming language and presents fundamental topics that include problem solving. AP CS A has been described as one of the most challenging and rewarding courses offered at the AP level. It introduces students to the importance of resilience and project planning through the implementation of several large-scale and complex projects. The daily student-centered lesson plans emphasize practice through working on problems, group activities, and projects that help integrate the learning objectives.



**AP Computer Science Principles**  
**#6123RW-6124RW**



**1 CR - 2 Laude Points**

**Years 9-12**

**Prerequisite: Completion of Algebra**

Are you looking for a hands-on engaging class to develop problem solving skills? Computer Science Principles introduces students to the foundational concepts of computer science and explores how computing and technology can impact the world. The class will be introduced to the concepts on digital information, how the Internet works, cyber security, data science, programming, and the global impact that computer science has on society.

---

**Cisco Networking I**

**1 CR**

**Years 10-12**

**Prerequisite: Geometry**

**#9101-9102**

Teaches students valuable Internet technology skills, including networking, Unix, Web design, and other IT essentials. The curriculum covers a broad range of topics from basics to how to build a network, to how to build a website, and more complex IT concepts, such as applying advanced trouble shooting.

---

**Cisco Networking II**

**1 CR**

**Years 11-12**

**Prerequisite: Cisco Networking I**

**#9103**

This is a continuation of Cisco Networking I. Topics covered include Spanning Tree Protocol, Virtual LANs, Domains, VLAN Trunk Protocol (VTP), Wide Area Networks and troubleshooting.

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**ENGLISH COURSE MAP-4 CREDITS ARE REQUIRED**

*The English curriculum provides all students with the skills necessary to ensure that they are college and career ready in literacy no later than the end of high school. As students advance through the grades and master the standards in reading, writing, speaking, listening, and language, they are able to exhibit, with increasing fullness and regularity, these capacities of the literate individual: they demonstrate independence; they build strong content knowledge; they respond to the varying demands of audience, task, purpose, and discipline; they comprehend as well as critique; they value evidence; they use technology and digital media strategically and capably; and they come to understand other perspectives and cultures.*

<b>GRADE 9</b>						
English 9	English 9 Honors			Interdisciplinary Studies		
<b>GRADE 10</b>						
English 10				English 10 Honors		
<b>GRADE 11</b>						
English 11				CAPP Writing 101		
<b>GRADE 12</b>						
Senior English A	Senior English B	Written Communications TC	CAPP Writing 101 (If not taken Junior yr.)	CAPP American Literature 214 (Fall Sem.)	CAPP British Literature 212 (Spring Sem.)	Intro to Public Speaking (Either semester)



## ENGLISH COURSES

### **English 9**

**1 CR**

**Year 9**

**Prerequisite: None**

#### **#0005RW-0006RW**

English 9 teaches fundamental reading, writing, and communication skills that will help students succeed in high school and prepare them for their postsecondary plans. Class readings include novels, plays, short stories, speeches, and a variety of other fiction and nonfiction works. Student tasks include close reading, written responses, group discussions, formal speeches, and research inquiry. In conjunction with these tasks, students will continue their practice with grammar, usage, and punctuation to further refine their language skills. Throughout each unit, freshmen will focus on essential skills that are necessary for success in English 10 and beyond.

---

### **Honors English 9**

**1 CR - 2 Laude Points**

**Year 9**

**Prerequisite: None**

#### **#0007RW-0008RW**

English 9 Honors is an advanced course that teaches fundamental reading, writing, and communication skills that will help students succeed in high school and prepare them for their postsecondary plans. Class readings include novels, plays, short stories, speeches, and a variety of other fiction and nonfiction works. Student tasks include close reading, written responses, group discussions, formal speeches, and research inquiry. In conjunction with these tasks, students will continue their practice with grammar, usage, and punctuation to further refine their language skills. Throughout each unit, freshmen will focus on essential skills that are necessary for success in English 10 Honors and CAPP courses. Although English 9 and 9 Honors have the same units and learning targets, English 9 Honors involves the challenges of faster pacing, additional reading and writing, and increased expectations for work outside of class.

---

### **Interdisciplinary Studies**

**1 CR - 2 Laude Points**

**Year 9**

**Prerequisite: None**

(English 9 and Global Studies/ Civics)

#### **#0031RW-0032RW**

This course is designed as an integration of English 9 and Social Studies 9. As students study various forms of communication through multiple literary forms throughout the year, they will study both Global Studies in the fall and Civics in the spring with the intention of connecting elements of both classes daily. English texts are going to be selected based on their connection to real world issues and cultural relevance. The content and assessments of both courses, English 9 and Social Studies 9, are used to give students a clearer understanding of how literary forms and the process of writing are connected to the world in which they live. This course utilizes computer and project-based learning activities which requires students to work both independently and collaboratively with their peers and moves at an accelerated pace.



**English 10**  
**#0011-0012**

1 CR

Year 10

Prerequisite: None

English 10 is a required course that builds upon the fundamental reading, writing, and communication skills that students developed in 9th grade. Class readings include novels, plays, short stories, speeches, and a variety of other fiction and nonfiction works. Students can expect to engage in close reading, written responses, group discussions, formal speeches, and research inquiry with an emphasis on deeper analysis and increased independence from their freshman year. In conjunction with these tasks, students will continue their practice with grammar, usage, and punctuation to further refine their language skills.

---

**Honors English 10**  
**#0013-0014**

1 CR - 2 Laude Points

Year 10

Prerequisite: None

Can be taken in place of English 10 for those students who want an additional challenge in the language arts. Students will study the English 10 curriculum with additional emphasis on more demanding reading assignments and more complex writing assignments that will prepare them for senior level AP or CAPP options.

---

**English 11**  
**#0029-0030**

1 CR

Year 11

Prerequisite: None

The English 11 course will continue to focus on reading, writing, speaking, and listening skills that students have developed throughout English 9 and 10. The class will focus on American literature through the various literary time periods. A focus will be on the time periods that the authors/writers we study lived in and how that impacted their writing. Students will be challenged to find multiple themes in literature and link them together. Students will focus on the writing process by writing, rewriting, and revising their work for a variety of audiences while also further strengthening their speaking and listening skills through formal and informal class discussions and oral presentations. This course will also provide students with extensive grammar practice and ACT preparation.

---


**CAPP Writing 101**

1 CR - 2 Laude Points

Year 11

Prerequisite: None

**#0058-0059 \*Fee: Optional College Credits \$110/college credit (\$330)**

 This course aligns to an introductory college-level rhetoric and writing curriculum, which requires students to evaluate, synthesize, and cite research to support their arguments. Additionally, students read and analyze the rhetorical elements and their effects in a variety of texts. Given the advanced level of this class, students will be expected to write extensively, with an emphasis on expository, persuasion, and analysis. *\*There is no fee for high school credit; however, students who enroll as U.W.-Oshkosh students to receive CAPP credit will be charged a fee, which can vary from year to year. Students will apply to U.W. Oshkosh in the summer and then register for CAPP classes with the University at the start of the high school term. Students are required to take and pass an English Placement exam prior to registering for the class. Information on the test will be emailed to each student upon application to UW-Oshkosh as a CAPP student.*

**UWO Writing 101 – First-Year College Writing (3 credits) (formerly English 101)** A Writing-Based Inquiry Seminar for students in CAPP and select other distance learning programs. Students will develop their writing, critical reading, critical thinking, and information literacy skills by exploring a single topic in depth. Students are expected to participate actively in their own learning through class discussions and group activities. Successful completion of Writing 101 fulfills the English composition or Quest Writing general education requirement.



## CAPP American Literature 214

.50 CR - 1 Laude Point

Year 12

Prerequisite: CAPP Writing 101 if

#0057

\*Fee: Optional College Credits \$110/college credit (\$330)

taking for CAPP credit



This course engages students in the careful reading and critical analysis of fictional literature from modern American Literature (Civil War and forward). Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read and write, students consider a work's structure, style, and themes, as well as figurative language, imagery, symbolism, and tone. Additionally, research skills will be reinforced through the study of connections between literature and life. Students are expected to read, write, and participate in collaborative discussions on a regular basis. *\*There is NO fee for high school credit; however, students who enroll as U.W.-Oshkosh students to receive CAPP credit will be charged a fee, which can vary from year to year. Students will apply to U.W. Oshkosh during the summer and then register for CAPP classes with the University later.*

**UWO 214 – American Literature II (3 credits)** A study of American literature from the Civil War to the present. Prerequisite: Writing 101, or Writing 188, or Writing 110. Writing assignments will be required. Class size limited to 32 students.

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## CAPP British Literature 212

.50 CR - 1 Laude Point

Year 12

Prerequisite: CAPP Writing 101 if

#0060

\*Fee: Optional College Credits \$110/college credit (\$330)

taking for CAPP credit



This course engages students in the careful reading and critical analysis of fictional literature from modern British Literature. Through the close reading of selected texts, students deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. As they read and write, students consider a work's structure, style, and themes, as well as figurative language, imagery, symbolism, and tone. Additionally, research skills will be reinforced through the study of connections between literature and life. Students are expected to read, write, and participate in collaborative discussions on a regular basis. *\*There is NO fee for high school credit; however, students who enroll as U.W.-Oshkosh students to receive CAPP credit will be charged a fee, which can vary from year to year. Students will apply to U.W. Oshkosh during the summer and then register for CAPP classes with the University later.*

**UWO 212 – British Literature II (3 credits)**  
A study of English literature from 1800 to present. Prerequisite: Writing 101, or Writing 188, or Writing 110. Writing assignments will be required. Class size limited to 32 students.



**Intro to Public Speaking  
#0053RW**

**.50 CR - 1 Laude Point**

**Year 12**

**Prerequisite: None**

This semester course will introduce students to the skills necessary to successfully construct and communicate your ideas and positions throughout your college experience, in your future profession, and in your civic interactions. Upon completing this course, professors will assume that you are able to write and deliver a presentation that is organized, audience-centered, researched, and logical.

---

**Written Communication  
#0051**

**.50 CR**

**Year 12**

**Prerequisite: None**

This is a quarter-long writing course that emphasizes concise and accurate business-style writing. The course focuses on clear, concise communication skills in a variety of formats. Students learn to use language more effectively by focusing on audience, purpose, construction, and support of logical arguments. There will be a particular emphasis on the quality of mechanics in writing, as well as the planning, writing, editing, and revision of said writing.

---

**Senior English A  
#0043**

**0.50 CR**

**Year 12**

**Prerequisite: None**

**Senior English B  
#0044**

**0.50 CR**

**Year 12**

**Prerequisite: None**

This course is a culmination and expansion of English Language Arts skills, with a focus on college and career ready expectations. Emphasis will be placed on the reading of fiction, nonfiction, various choice writing assignments with practice in multiple revision strategies and making strategic use of digital media to present information. The goal of this course is to appropriately prepare students for secondary education and workplace communication. *These courses can be split up to allow for enrollment into other English electives.*

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**Yearbook Production**  
**#5091RW-5092RW**

**1 CR**

**Years 10-12**

**Prerequisite: Application/Instructor  
Consent**

Designed for students who wish to learn the basics of yearbook production. It covers the roles of staff members, mechanics, and skills used in planning and preparation of a yearbook for final printing. Collaboration in decision making will be required. Students enrolling in this course for a second year will assume editorial responsibilities. This is an elective course and does not count toward the art or fine arts or occupational graduation requirement. Application can be found on the Counseling Office webpage under Course Registration.

<https://www.hasd.org/counseling/courseregistration/YEARBOOK%20APP.pdf> Students must submit an application to the Counseling Office by June 1.





## FAMILY CONSUMER SCIENCE PATHWAYS

Several of the Family Consumer Science classes are transcribed. Transcribed credit agreements mean that an actual technical college course, using college textbooks and materials, is being taught at Hortonville High School. You will earn high school credit and, if you meet the conditions of the agreement, will be awarded college credit at the same time. The college grade and credits will be recorded on both a technical college transcript and an HHS transcript.

Design					
Courses	Prerequisite	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
Introduction to Design ★	None	X	X	X	X
FCS Assistant	<i>Application process</i>		X	X	X
Health Science					
Courses	Prerequisite	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
Health Careers ★	None	X	X	X	X
Human Services/Education & Training					
Courses	Prerequisite	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
ECE: Child Development* L ★	None	X	X	X	X
ECE: Infant & Toddler Development* L ★	Child Development	X	X	X	X
ECE: Health, Safety, Nutrition* L	Child Development		X	X	X
LEADERS	None		X	X	X
Intro to Educational Practices*/Technology in Education* L	Child Development/ <i>Application process</i>			X	X
CAPP Ed 110**/ECE: Foundations of ECE* L	Child Development/ <i>Application process</i>			X	X
Hospitality & Tourism					
Courses	Prerequisite	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
Introduction to Culinary Arts ★	None	X	X	X	X
Culinary Arts ★	Introduction to CA	X	X	X	X
Baking and Pastry Arts	Introduction to CA		X	X	X
Culinary Catering L	Culinary Arts OR Baking & Pastry Arts			X	X
FCS Assistant	<i>Application process</i>		X	X	X

### Student Activities/Clubs-

Educators Rising- Teachers of Tomorrow  
 HOSA-Future Health Professionals  
 Culinary Club

### Courses open to Freshmen ★

Transcribed course through Fox Valley Technical College\*  
 CAPP course through UW-Oshkosh\*\*  
 Gray Box/L=Laude Course

## FAMILY CONSUMER SCIENCE COURSES

### **Introduction to Design**

**.50 CR**

**Years 9-12**

**Prerequisite: None**

#### **#7004**

Do you have an interest in fashion or interior design and enjoy hands-on learning? This course is the place for you! This class will cover the basics of hand sewing, tool usage, sewing with a sewing machine, and garment construction. We will also cover the basics of interior design as we study the elements and principles of design. Students will then work to develop floor plans and sample boards based on their personal design taste. (FCS Quest without the culinary aspect)

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### **Introduction to Culinary Arts**

**.50 CR**

**Years 9-12**

**Prerequisite: None**

#### **#7013**

This course is designed for students who are interested in cooking. Students will acquire knowledge and skills necessary to be confident in the kitchen using demonstrations and culinary labs. Topics include safe food handling, equipment selection and use, measuring techniques, and culinary terminology. Students will showcase their skills during culinary competitions.

---

### **Culinary Arts**

**.50 CR**

**Years 9-12**

**Prerequisite: Intro to Culinary**

#### **#7016**

Do you have a passion for cooking? Culinary Arts is a gamified course where students develop advanced food preparation skills based on kitchen essentials learned in Introduction to Culinary Arts. Culinary labs will focus on breakfast foods, sandwiches, soups, sauces, herbs, spices, potatoes, grains, and pasta. Students will explore U.S. regional cuisine and showcase their skills during their food truck culinary competitions.

---

### **Baking and Pastry Arts**

**.50 CR**

**Years 10-12**

**Prerequisite: Intro to Culinary**

#### **#7019**

This gamified course focuses on baking fundamentals. Students will apply the knowledge and skills of how basic ingredients function, baking/pastry vocabulary, baking equipment, and mixing techniques to produce baked products based on industry standards. Students will prepare quick breads, yeast breads, cookies, pies, cakes, pastries, and specialized desserts. Attention to detail and plating techniques are key skills developed during this class. Students will showcase their skills during culinary competitions.

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**Culinary Catering  
#7018**

**.50 CR - 1 Laude Point**

**Years 11-12**

**Prerequisite: Culinary Arts or Baking  
and Pastry Arts**

This course will focus on customer service, management essentials, and sustainability in the food service industry as we run Café 154 Catering. Throughout the course, students will develop advanced food preparation skills and plating techniques. Students will explore a variety of chefs and prepare different cuisine from countries around the world. Cooking challenges, catering events, and culinary competitions make this an ideal course for students interested in the food service industry or learning advanced cooking skills.

---

**ECE: Child Development TC  
#7081**

**.50 CR - 1 Laude Point**

**Years 9-12**

**Prerequisite: None**



This FVTC course introduces students to the development of young children. Students will analyze child development theories, focus on the development of children ages three through eight, and plan developmentally appropriate activities. Play days and child observations may be part of this class. This course serves as an introduction to careers in childcare, early childhood education, elementary education, or careers closely related to children such as a pediatric nurse or child psychologist. Students may qualify for transcribed credit at FVTC. **Universities may accept this course as general education or transfer credit.**

---

**ECE: Infant & Toddler  
Development TC**

**.50 CR - 1 Laude Point**

**Years 9-12**

**Prerequisite: Child Development**

**#7042** This FVTC-blended course is designed for students interested in some day becoming a parent or are interested in working with children. Course topics include conception and prenatal development, infant and toddler development, early brain development, and principles of care giving. Students may qualify for transcribed credit at FVTC. **Universities may accept this course as transfer credit.**

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**ECE: Health, Safety  
& Nutrition TC**

**.50 CR - 1 Laude Point**

**Years 10-12**

**Prerequisite: Child Development**

**#7086** In this FVTC course, students will examine the topics of health, safety, and nutrition within the context of the early childhood education setting. This course will be offered in a blended format. Students will participate in weekly seminars and complete online assignments and projects. Students may qualify for transcribed credit at FVTC. **Universities may accept this course as transfer credit.**

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**\*\*Students who successfully complete Child Development AND Health Safety & Nutrition for FVTC credit may obtain the Teacher Aide certification.**

**L.E.A.D.E.R.S**

**.50 CR**

**Years 10-12**

**Prerequisite: None**

**#7051 (Leadership, Education and Development in Equity, Respect and Socialization)**

This is a unique opportunity to develop friendships between students with and without disabilities in a safe and nurturing environment. Students work with a partner to learn leadership and valuable life skills. Students will gain an awareness of individuals with special needs, experience working with special education students, and career exploration in related fields. Students will work with a partner to plan and conduct teaching units throughout the semester.

**Intro to Ed Practices/Technology in Education TC**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prerequisite: Child Development and Application required**

**#7087**



In this dual credit course, students will analyze preK-12 education in the United States, determine roles and responsibilities of school personnel, and explore current trends and best practices. Students will identify how students learn, classroom management strategies, the foundations of lesson planning, and techniques for supporting learners. Students will develop the knowledge and skills to use trending classroom technologies and gain experience creating and using web tools. **Universities may accept this course as transfer credit.** During the field experience, students will further apply concepts learned in this pathway. **Students will spend 2 days a week in an elementary or middle school classroom working with a mentor teacher. Transportation may be required for this course.**

**\*\*Students who successfully complete Child Development, Intro to Education, AND Technology in Education at FVTC may obtain the Introduction to Education Certification.**



**CAPP Ed 110/ECE: Foundations of Early Childhood Education TC**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prerequisite: Child Development and Application required**

**#7084**



This dual credit course allows learners to scrutinize media accounts and public policy proposals for accuracy, bias, and potential for effectiveness to engage in community life and advocate for young children. Students will learn about the history of education, identify the components of quality programs, and examine the critical role of play as it relates to developmentally appropriate practice.

During the field experience, students will further apply concepts learned in this pathway. **Students will spend 1-2 days a week in an early childhood and elementary classroom working with a mentor teacher. Transportation may be required for this course.**

**Universities may accept this course as a general education or transfer credit.**



*UWO CAPP Description - Elementary/Secondary Education 110 – Education Policy: Truth and Myths: For more than three decades, public education policy in the United States has become a pervasive part of the public discussion. U.S. media is dominated by doom and gloom stories, and pessimistic assessments of U.S. students in international education rankings, and other failings of the U.S. public education system. This course will help learners scrutinize media accounts and public policy proposals for accuracy, bias, and potential for effectiveness. By understanding how to critically examine a variety of claims and learn about ways citizens can influence public policy learners will have a better capacity to engage in community life.*



**FCS Assistant****.50 CR****Years 10-12****Prerequisite: Previous culinary course, application & consent of instructor****#7079**

The focus of this course is to assist in a culinary or sewing/design class. Students can apply to be an assistant in Introduction to Design or any culinary course if they have taken and excelled in the class. Teachers will choose students based on the overall schedule and need.



**\*Students interested in this class must complete the application process. Scan the QR code to fill out the application form.**

**HEALTH SCIENCES PATHWAY**

Health Science					
Courses	Pre-requisite	9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup>	12 <sup>th</sup>
Health Careers	None	X	X	X	X
Medical Terminology	Human Anatomy & Physiology			X	X

**HEALTH SCIENCE COURSES**

**Health Careers****.50 CR****Years 9-12****Prerequisite: None**

**#7021** This course exposes students to a variety of health-related careers based on the five health science pathways. The course focuses on past, present, future of health care, healthcare systems, medical terminology, infection control, employability skills, cultural diversity, and legal and ethical responsibilities. Speakers will be brought in from the community to share their work experiences in the health field. Students are required to complete a 3-hour job shadow in a healthcare career that interests them.

**Medical Terminology TC****1 CR - 2 Laude Points****Years 11-12****Prerequisite: Human Anatomy & Physiology****#4200S**

This semester-long course focuses on the component parts of medical terms: prefixes, suffixes, combining forms and root words. Students practice formation, analysis, and reconstruction of terms. Emphasis is on spelling, definitions, pronunciation, and clinical connections. Introduction to operative, diagnostic, therapeutic, systemic, and surgical terminology of all body systems will be covered. This is a transcription course for FVTC and will be placed on your college transcript. Students who are taking this as a required program course will need to pass with a C or higher. Universities may accept this course as transfer credit.

# MANUFACTURING, ENGINEERING & TECHNOLOGY CLASS FLOW CHART

## ENGINEERING FIELD

INTRODUCTION TO ENGINEERING & DESIGN

↓

PRINCIPLES OF ENGINEERING

↓

COMPUTER INTEGRATED MANUFACTURING

↓

ENGINEERING DESIGN & DEVELOPMENT

## EXTENDED PATHWAY ENRICHMENT

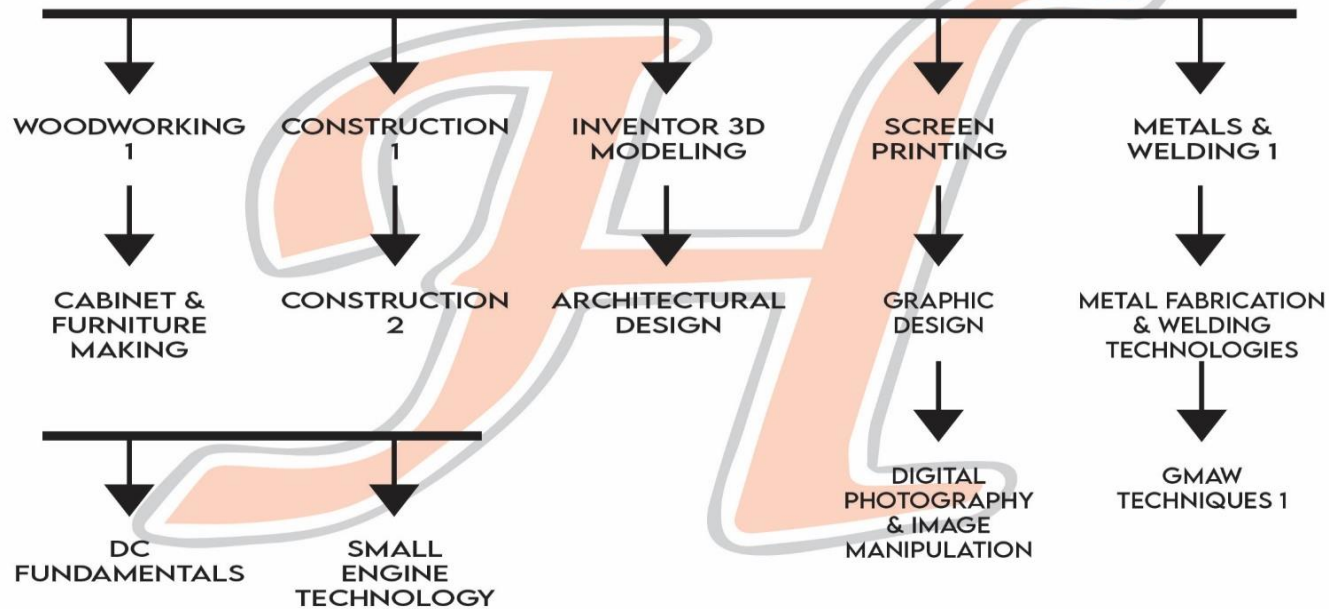
MILLWRIGHT AND / OR  
POLAR BEAR ENTERPRISE



# MANUFACTURING, ENGINEERING & TECHNOLOGY CLASS FLOW CHART

## TRADES FIELD

### INTRODUCTION TO TECHNOLOGY



## EXTENDED PATHWAY ENRICHMENT

MILLWRIGHT AND / OR  
POLAR BEAR ENTERPRISE





## MANUFACTURING, ENGINEERING AND TECHNOLOGY COURSES

*MET courses are designed to encourage the study of how people apply knowledge, scientific, mathematical and communication skills using various tools and materials to solve problems and meet human needs. The purpose of the curriculum is to prepare all students to function in an ever-changing technological society, develop employability, and provide the transition from school to gainful employment. Courses are broken down into several different pathways throughout the curriculum, with trades and engineering being the main fields.*

### Trades Field

**Introduction to Technology**                      1 CR                      Years 9-12                      Prerequisite: None  
**#9003W1 & 9003M1 or #9004W2 & 9004M2**      Fee \$10

Designed to be an exploratory semester course where students will explore in each of the following areas: Computer aided design (CAD), metals, woods, and graphics. The CAD unit will provide a brief introduction into AutoCAD, Autodesk Inventor and Autodesk Revit. The metals unit is designed as an introduction to sheet metal and welding. The woods unit will introduce basic woodworking skills and concepts. The graphics unit is designed as an introduction to Adobe Illustrator and Photoshop where students will design and print their own t-shirt. Each of the 4 units will give students the opportunity to explore the different skills used through hands-on activities and projects.

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**Metals and Welding I**                      .50 CR                      Years 9-12                      Prerequisite: Intro to Technology  
**#9007**                      Fee: \$10

The student will study basic hand tools and machine operations in metalworking; blueprint reading, basic math (adding and subtracting fractions), reading a ruler to sixteenth of an inch, sheet metal fabrication, welding with GMAW (MIG), SMAW, and GTAW (TIG). All concepts will be taught through hands on activities and projects. There will be strong emphasis on safety procedures in all areas. Class fees will be charged to the individual student as such materials are used in class. All bills will be sent through the High School Office.

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**Metal Fabrication & Welding Technologies TC**                      1 CR - 2 Laude Points                      Years 10-12                      Prerequisite: Metals & Welding I  
**#9013-9014**                      Fee: \$15



Provides students an opportunity to continue to develop their technical skills in the Metal Fabrication and Welding trades. This course will provide midline training for skill trades working with welding (SMAW, GMAW, TIG, and Flux Core) in all welding positions (Flat, horizontal, vertical down, vertical up, overhead). Students will also learn basic knowledge of blueprint reading, welding symbols, destructive and non-destructive testing methods. As a part of this course, students will also have the opportunity to receive 1 credit through the Fox Valley Technical College welding program.



## **GMAW Techniques I TC** **#9115-9116**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prereq/Coreq: Metal Fab & Welding**



Students taking **Gas Metal Arc Welding** have an opportunity to receive dual credit through Hortonville High School and up to 4 credits at Fox Valley Technical College. The Fox Valley Technical College courses included in this class are GMAW Techniques 1, Weld Print Reading, and Weld Symbols. Students who complete these credits will receive a GMAW Welder certificate from Fox Valley Technical College. These courses can also be used for the Associate Degree Industrial Welding Technician program, Diploma Metal Fabrication/Welding program, and Diploma Production Welding program. This course, in the Diploma programs, could be used as a "steppingstone" to the Associate Degree. Essential standards include identifying terminology, equipment, shielding gas, and consumable requirements, limitations, and quality standards. Students will also be able to perform fillet and groove welds on plain carbon steel in all positions with the short circuit and pulse spray mode of transfer, as well as fillet and groove welds in the flat and horizontal positions with the spray transfer mode.

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## **Woodworking I** **#9009**

**Fee \$55**

**.50 CR**

**Years 9-12**

**Prerequisite: Intro to Technology**

The student will study basic hand tools and machine operations in woodworking; planning and producing wood joints, gluing, hand tool (identification, usage & safety), machinery (planer, table saw, radial arm saw, jointer, wood lathe, router, sanders and various machine power tools), clamping, furniture construction, sanding and preparing for a finish and wood finishing. There will be strong emphasis on safety procedures in all areas. Class fees will be charged to the individual student as such materials are used in class. All bills will be sent through the High School Office.

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## **Cabinet & Furniture Making TC** **#9047-9048**

**Fee \$30 + supplies**

**1 CR - 2 Laude Points**

**Years 10-12**

**Prerequisite: Woodworking I**



Students taking this course have an opportunity to receive dual credit through Hortonville High School and 2 credits at Fox Valley Technical College. This course provides students with an opportunity to develop their technical skills in the wood-manufacturing field. Students will explore basic layout and measurement practices using both customary and metric units and machine safety. Students will first make a small demonstration cabinet to simulate the various building techniques used in the cabinet-making field. A completed project of the student's choosing will be constructed during their course using various building materials and fastening techniques taught in class. A portfolio will also be part of the coursework. Students are expected to pay for all project materials.

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## **Construction 1** **#9019**

**Fee \$25**

**.50 CR**

**Years 9-12**

**Prerequisite: Intro to Technology**

Students taking this course will learn basic skills and knowledge in the residential construction field. Students will learn the skills needed to properly frame, sheet, and apply siding to a wall. Students will also have basic skills in electrical wiring, plumbing, and roofing systems. Students will learn these skills through several hands-on projects and experiences. This course will help get students ready to enroll in Construction 2.

**Construction 2****1 CR****Years 10-12****Prerequisite: Construction 1****#9049-9050****Fee \$15**

Designed for students who would like to gain a working understanding of the basics of building design, construction, and remodeling for their personal use as well as students who would like to learn the knowledge and skills necessary for entering the building trades at the apprenticeship level. Typical units include safe use of hand tools for carpentry; operation and use of transit/level for building layout; reading and interpreting blueprints; building materials for use today; cost estimates for construction; framing of floors, walls, ceilings, and roofs, masonry and building codes. This course will include several hands-on exercises as well as a full-size framing project.

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**Architectural Design****.50 CR****Years 10-12****Prerequisite: None****#9015**

Designed for students with a serious interest in learning the information and skills to design, draw plans for an estimate the cost of a typical residential structure. Students will design and construct a model for a single-family dwelling. Areas covered include architectural design, construction methods and materials, cost estimates, building codes, Auto Desk Revit Design Software, floor plans, elevations, wall sections, plot plans, detail drawings, and pictorial drawings.

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**Inventor – 3D Modeling****.50 CR****Years 10-12****Prerequisite: None****#9023**

Designed for the student who would like to gain a working understanding of 3-dimensional concepts and drawings using *AutoDesk Inventor*. Topics that will be covered are shading, rendering, solid modeling and 3D printing. Students who are considering a career in engineering, mechanical design or any technology related field is strongly recommended to take this course. Students taking or planning to take *Introduction to Engineering Design* should not take this course.

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**Small Engine Technology****.50 CR****Years 10-12****Prerequisite: None****#9041**

This course that deals with the theory of operation, disassembly, parts checking/measuring for limitations, repairing, re-assembly, testing and adjusting of small 4-stroke cycle engines used in gardening type equipment. Time will also be spent on 2-stroke cycle engines. Units to be covered include fuel, lubrication, cooling, and electrical systems; trouble shooting, repair and parts manual use, measurement, and tools testing. The major portion of the lab work will be on school-owned Briggs and Stratton and Kohler engines. Students may also bring in similarly sized small engines to work on. Costs: any parts broken or lost on school engines or any parts or materials for student-owned engines.

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**Digital Photography &  
Image Manipulation  
#9017**

**.50 CR**

**Years 10-12**

**Prerequisite: Intro to Technology**

Designed to introduce students to the basics of photography. Students will study the function and operation of a DSLR camera while applying various camera techniques to the pictures they capture. The elements and principles of design are introduced as they relate to photographic composition and exposure. Students learn and apply digital photo manipulation techniques using Adobe Photoshop.

*With a signed permission form, the prerequisite is waived for seniors. The form can be found on the Counseling webpage under Course Registration.*

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**Screen Printing  
#9081**

**.50 CR**

**Years 10-12**

**Prerequisite: Intro to Technology**

The basics of t-shirt design and printing will be covered. Students will utilize Adobe Illustrator to design single or multi-color images to be replicated using the screen-printing process. Students will design artwork to create various vinyl decal projects. Safety in the graphics lab will also be included.

*With a signed permission form, the prerequisite is waived for seniors. The form can be found on the Counseling webpage under Course Registration.*

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**Graphic Design  
#9082**

**.50 CR**

**Years 10-12**

**Prerequisite: Intro to Technology**

Students will strengthen skills in graphic design and utilize the Adobe Creative Suite software, specifically Adobe Photoshop and Adobe Illustrator. The graphic course is designed to educate students about the basics of graphic communications and procedures used in today's graphics industry.

*With a signed permission form, the prerequisite is waived for seniors. The form can be found on the Counseling webpage under Course Registration.*

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**DC Fundamentals TC  
#9031**

**Fee Varies**

**.50 CR - 1 Laude Point**

**Years 10-12**

**Prerequisite: None**



The study of the basics of electricity, electronic theory, electronic component identification, resistor color code, Ohm's law and power formulas, series and parallel circuits, schematic diagrams, and circuit assembly. This course is a dual credit course, transcribed through Fox Valley Technical College.

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## Engineering Field

*Project Lead the Way courses can earn college credit for students. Please see the website below for more information.*

<https://uwhelp.wisconsin.edu/prepare-for-college/additional-credit-opportunities/project-lead-the-way/>

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### Project Lead the Way IED #9027-9028

1 CR - 2 Laude Points

Years 9-12

Prerequisite: Strong background in Math



Students taking **Introduction to Engineering Design** have an opportunity to receive dual credit through Hortonville High School and 4 credits at Fox Valley Technical College. Students will use 3D solid modeling design software to help the design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. This course is designed for 9<sup>th</sup> or 10<sup>th</sup> grade students. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.

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### Project Lead the Way POE #9029-9030

1 CR - 2 Laude Points

Years 10-12

Prerequisite: IED



**Principles of Engineering** is designed for 10<sup>th</sup>- or 11<sup>th</sup>-grade students, this survey course of engineering exposes students to major concepts they will encounter in a postsecondary engineering course of study. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges, documenting their work and communicating solutions to peers and members of the professional community. This class is a great jump start for anyone planning on taking physics as a junior or senior.

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### Project Lead the Way CIM #9025-9026

1 CR - 2 Laude Points

Years 10-12

Prerequisite: POE



**Computer Integrated Manufacturing** applies principles of robotics and automation to Computer Aided Design (CAD) and builds on computer solid modeling skills developed in Introduction to Engineering Design (IED). Students use Computer Numerical Control (CNC) equipment to produce actual models of their three-dimensional designs. Fundamental concepts of robotics used in automated manufacturing, and design analysis are included.

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**Project Lead the Way EDD**  
**#9033-9044**      Fee varies

**1 CR - 2 Laude Points**      Year 12

**Prerequisite: 2 of 3 PLTW courses**



**Engineering, Design & Development** is the capstone class for PLTW. Students will work in teams to design and develop an original solution to a valid, open-ended technical problem by applying the engineering design process. Students perform research to choose, validate, and justify a technical problem. After carefully defining the problem, teams design, build, and test their solutions while working closely with industry professionals who provide mentoring opportunities. Finally, student teams present and defend their original solution to an outside panel.

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**Extended Pathway Enrichment**

**Millwright**  
**#9063**

**.50 CR**

**Year 11-12**

**Prerequisite: Instructor-signed  
permission form found in Counseling Office**

Students taking this course will be getting experience in the operation and maintenance of all equipment in the labs and helping the instructor maintain the facilities. The course will also include the designing of jigs, and set-up and repair of equipment. This course will only be open to those students who have demonstrated a career interest in vocational work by excelling in other Manufacturing, Engineering and Technology courses. Enrollment will be limited to one student per period that the instructor has a class. *Credit will only be awarded once for being a Millwright.*

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**Polar Bear Enterprise**  
**#9113-9114**

**1 or 2 CR**

**Years 11-12**

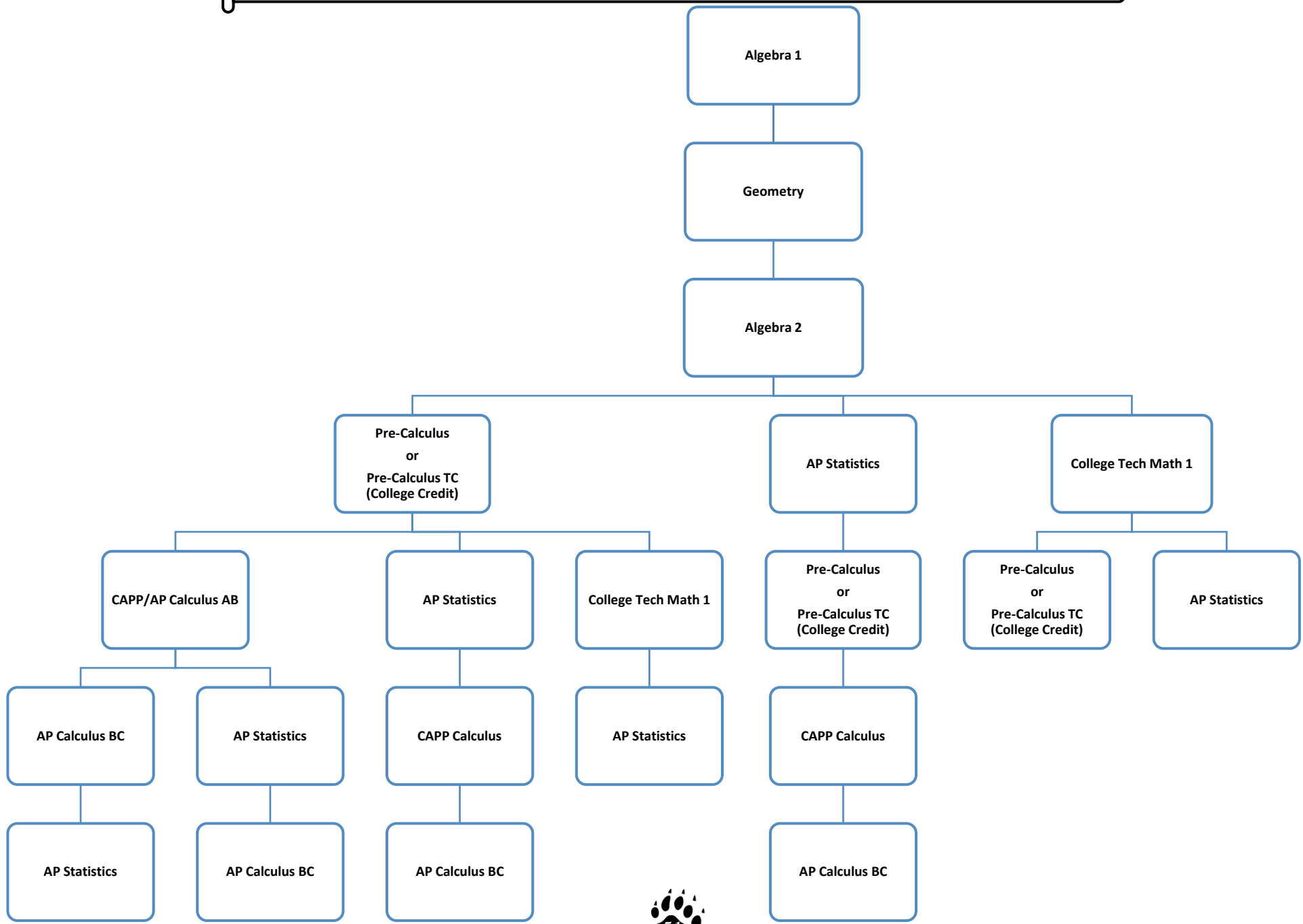
**Prerequisite: Taken at least one class  
beyond IED or Intro to Technology**

Polar Bear Enterprise is a student-led business through a collaborative effort with the Business Education Department and the Manufacturing, Engineering, and Technology Department. Students work with local businesses to design and manufacture products. Students develop an understanding of how a business operates through skill development that focuses on marketing, accounting, communication, quality assurance, and production of products.

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# MATHEMATICS COURSE SEQUENCE MAP -3 CREDITS REQUIRED



## MATHEMATICS COURSES

### **Algebra I**

**1 CR**

**Years 9-12**

**Prerequisite: None**

**#2013-2014 OR 2013RW-2014RW**

Students will explore one & two-variable statistics, linear equations, linear inequalities, systems of linear equations, functions, and quadratic equations. Using a problem based-based curriculum, students learn by doing math, solving problems in mathematical and real-world contexts, and constructing arguments using precise language.

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### **Algebra Extended**

**1 CR**

**Year 9**

**Prerequisite: Placement identified using**

**#2015RW-2016RW**

**testing data. Must be taken concurrently with Algebra 1.**

Intended for students identified in need of support while enrolled in Algebra. Each lesson is associated with a lesson in the Algebra 1 course and the intention is that students experience each Algebra Extended lesson before its associated Algebra 1 lesson. The materials covered in this course will help student learn or remember a skill or concept that is needed to access and find success with the associated Algebra 1 lesson. Additionally, class time is devoted to improvement of skill deficiencies from previous math courses. Students will receive a Pass/Fail grade and this course is for elective credit only.

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### **Geometry**

**1 CR**

**Years 9-12**

**Prerequisite: Algebra 1**

**#2031-2032 OR 2031RW-2032RW**

Students will explore constructions & rigid transformations, congruence, similarity, right triangle trigonometry, solid geometry, coordinate geometry, circles, and conditional probability. Using a problem based-based curriculum, students learn by doing math, solving problems in mathematical and real-world contexts, and constructing arguments using precise language.

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### **Geometry Extended**

**1 CR**

**Years 9-11**

**Prerequisite: Placement identified using**

**#2035RW-2036RW**

**testing data. Must be taken concurrently with Geometry.**

Intended for students identified in need of support while enrolled in Geometry. Lessons and activities done in this class are associated with lessons in the geometry course and the intention is that students experience either a pre-teach or a re-teach of the content. The materials covered in this course will help student learn or remember a skill or concept that is needed to access and find success with the associated Geometry lesson. Additionally, class time is devoted to improvement of skill deficiencies from previous math courses. Students will receive a Pass/Fail grade and this course is for elective credit only.

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## Algebra 2

1 CR

Years 9-12

Prerequisite: Geometry

### #2041-2042 OR 2041RW-2042RW

Students will explore sequences & functions, polynomials & rational functions, complex numbers & rational exponents, exponential functions & equations, transformations of functions, trigonometric functions, and statistical inferences. Using a problem based-based curriculum, students learn by doing math, solving problems in mathematical and real-world contexts, and constructing arguments using precise language.

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## College Technical Math I

1 CR - 2 Laude Points

Years 12 OR

Prerequisite: Algebra 2

### #2097-2098

\*Fee

11 w/instructor consent



This is an articulated course with FVTC and can be taken for transcribed credit. Students have the option to earn credit through FVTC. Topics included: solving linear, quadratic, and rational equations; graphing; formula rearrangement; solving systems of equations; percent; proportions; measurement systems; computational geometry; right and oblique triangle trigonometry; trigonometric functions on the unit circle; and operations on polynomials. Emphasis will be on the application of skills to technical problems. *\*Students taking the course for FVTC credit will incur a class fee to be determined on a yearly basis. In the 2023-24 school year, the fee was \$71.84.*

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## Precalculus

1 CR - 2 Laude Points

Years 10-12

Prerequisite: Algebra 2

### #2059-2060

The study of functions (including parametric and polar), matrices, vectors, and trigonometry that prepares the student for college math classes. Algebraic, analytical, numerical, and graphical approaches will be used to develop the relationship between functions and the behavior of functions. The student will be introduced to advanced linear, quadratic, polynomial, power, rational, exponential, systems and matrices and conic sections. Second semester topics will include trigonometry, probability, and statistical analysis. Mathematical modeling for real world applications is included.

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## Precalculus TC

1 CR - 2 Laude Points

Years 10-12

Prerequisite: Algebra 2

### #2063-2064

\*Fee



This is an articulated course with FVTC and can be taken for transcribed credit. Students have the option to earn college credit through FVTC, which is transferable to any 2 or 4-year campus in the UW system. The study of functions (including parametric and polar), complex numbers, matrices, vectors, and trigonometry that prepares the student for the important ideas of calculus. Algebraic, analytical, numerical, and graphical behavior of functions. Mathematical modeling for real world application is included. Topics covered will include advanced linear, quadratic, polynomial, power, rational, exponential, logarithmic functions, systems and matrices, conic sections, trigonometry, analytic trigonometry, vectors, polar equations, sequences and series, and an introduction to limits. *\*Students taking the course for FVTC credit will incur a class fee to be determined on a yearly basis. In the 2023-24 school year, the fee was \$71.84.*

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## CAPP Calculus

1 CR - 2 Laude Points

Years 11-12

Prerequisite: Pre-Calc or Pre-Calc TC

### #2081-2082 \*Optional Fee



This course is equivalent to a first-semester college course Calculus I. It covers the basic topics of a beginning college calculus course including limits and continuity, differentiation, the definite integral, integration, and the applications of derivatives and integrals. Students will use the Rule of 5 to reason and solve problems; (1) analytically, (2) graphically, (3) numerically, (4) verbally or (5) written and interpret the solution within the original context of the problem. Students will be actively involved in understanding calculus problems through explorations, group activities, data analysis, algebraic manipulation, graphical representations, and writing to learn. This is an advanced course which may be taken for the Concurrent Academic Progress Program (CAPP). University tuition is charged if the course is taken for CAPP credit. The course of study is the same for all students whether taken for high school credit only or CAPP. Students who meet CAPP criteria take this course through Lakeland University. Students will earn high school credit and 4 college credits simultaneously if they earn a C or better in the class.

*\*Optional college credits – There is NO fee for high school credit; however, students enrolling as Lakeland University students to receive CAPP credit will be charged a fee, which can vary from year to year. Students will enroll with Lakeland University during first few weeks of class.*

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## AP Calculus BC

1 CR - 2 Laude Points

Years 11-12

Prerequisite: CAPP Calculus

### #2084S

AP Calculus BC is designed to be the equivalent to both first and second semester college calculus courses. AP Calculus BC applies the content and skills learned in Calculus AB to parametrically defined curves, polar curves, and vector-valued functions; develops additional integration techniques and applications; and introduces the topics of sequences and series. Students cultivate their understanding of differential and integral calculus through engaging with real-world problems represented graphically, numerically, analytically, and verbally and using definitions and theorems to build arguments and justify conclusions as they explore concepts like change, limits, and the analysis of functions. Students passing the AP Calculus BC exam with a score of 3, 4, or 5 earn college credit at many universities and colleges.

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## AP Statistics

1 CR - 2 Laude Points

Years 10-12

Prerequisite: Algebra 2

### #2127RW-2128RW

An advanced course that prepares students for the AP Statistics exam given in May. Students considering a career in business, science, or medicine should think about taking a statistics course in high school. To do well on the AP test, and in this course, you'll have to do a couple of things you might not expect in a math class: (1) *write well*—yes, this is a math class, but you must be able to communicate clearly and concisely what you're thinking to others; and (2) *use your judgment*—at times there is not necessarily a right or wrong answer. Now, as to what's covered in the course: (1) exploring and finding patterns in data (*e.g.*, by graphically displaying data; by characterizing quantitative data using summary statistics such as mean and standard deviation; etc.); (2) designing, and analyzing the results of, experiments, surveys, etc.; (3) understanding randomness and probability; and (4) understanding, and using, statistical inference (*e.g.*, using statistical tests to determine whether the results of an experiment were due to chance, or to changes to an explanatory variable). Students passing the AP Statistics exam with a score of 3, 4, or 5 earn college credit at many universities and colleges.



## MUSIC COURSES

### **Freshmen Band #5105RW-5106RW**

**Fee \$45**

**1 CR**

**Year 9**

**Prerequisite: Prior music experience or  
by audition**

Freshmen will need to show a basic understanding of one standard band instrument. Students will learn a large variety of musical styles such as pop, rock, classical, and jazz. Students will be expected to participate in all rehearsals and perform in all scheduled concerts and required performances. Other parts of the course include band clinics and quarterly lessons. Curriculum content includes street and field marching techniques, basic “band-key” scales, chorale books, rhythm studies, and several types of concert music and festival music used for solos, small ensembles, and instrumental choirs. Required performances include home football games and half-time shows, Homecoming, the Appleton Christmas Parade, four pep band performances (Jan - March), December (Winter) Concert, March (Collage) Concert, May (Pops) Concert, Memorial Day, and Graduation.

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### **Concert Band #5111RW-5112RW**

**Fee \$45**

**1 CR**

**Year 10-12**

**Prerequisite: One year of playing  
experience or Consent of Instructor**

Provides students with suitable, satisfying musical experiences. These fundamental skills in performance are incorporated and developed: tone, intonation, ear training, phrasing, expression, posture, and other related skills necessary for good musicianship. Other parts of the course include band clinics and quarterly lessons. Curriculum content includes street and field marching techniques, basic “band-key” scales, chorale books, rhythm studies, and several types of concert music and festival music used for solos, small ensembles, and instrumental choirs. Required performances include home football games and half-time shows, Homecoming, the Appleton Christmas Parade, four pep band performances (Jan - March), December (Winter) Concert, March (Collage) Concert, May (Pops) Concert, Memorial Day, and Graduation.

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### **Wind Ensemble #5119RW-5120RW**

**Fee \$45**

**1 CR - 2 Laude Points**

**Year 10-12**

**Prerequisite: Audition and/or Consent of  
Instructor**

Designed for students ready to perform advanced-level music. Students are admitted by audition only. Members should expect to learn a wide variety of musical styles and be prepared to expand their understanding of their instrument and the musical ensemble. Curriculum content includes advanced street and field marching techniques, advanced keys, scales, rhythms, dynamics, and articulations through increasingly challenging music. Required performances include home football games and half-time shows, Homecoming, the Appleton Christmas Parade, four pep band performances (Jan - March), December (Winter) Concert, March (Collage) Concert, May (Pops) Concert, Memorial Day, and Graduation.

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*Third & Fourth year of choir/band would earn Laude points also.*



**Polar Voices****1 CR****Years 9-10****Prerequisite: None****#5211RW-5212RW**

**Polar Voices is for all Freshmen and Sophomore treble singers.** Polar Voices focuses on learning basic and intermediate choral singing skills through a variety of 2, 3, and 4-part music. Music will be chosen from Baroque, Renaissance, classical, and modern periods as well as international selections and pop styles. Classwork consists of music theory, history, sight singing, and proper vocal techniques. In addition to in-class preparations, individual, and small group lessons, concert, and classroom performances are required. Field trips and solo/ensemble opportunities are available.

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**Arctic Singers****1 CR - 2 Laude Points****Years 9-12****Prerequisite: None****#5231RW-5232RW**

**Arctic Singers is for 9-12 bass clef singers and 11-12 treble singers.** Arctic Singers focuses on learning intermediate to advanced choral singing skills through a variety of 3, 4, and more divisi music. Music will be chosen from Baroque, Renaissance, classical, and modern periods as well as international selections and pop styles. Classwork will include music history, theory, sight reading, and proper vocal techniques. In addition to in-class preparations, individual, and small group lessons, concert, and classroom performances are required. Performance at the Madrigal dinner on the second Saturday in December is required. Other performances may be added as requirements during the year such as the Annual Choral Festival at the Appleton Performing Arts Center, choir clinics and festivals, and visiting clinicians. Field trips and solo/ensemble opportunities are available.

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**Music Theory****1 CR - 2 Laude Points****Years 10-12****Prerequisite: 1 year of high school band  
OR choir****#5238RW-5239RW**

This course will cultivate students' understanding of music theory through analyzing performed and notated music as they explore concepts like pitch, rhythm, form, and musical design. This course examines the fundamental building blocks of music theory. Students who successfully complete this course will have a solid foundation in music theory language that includes notation, major and minor scales, key signatures, intervals, triads, 7th chords, inversions, voicing, part writing, sight singing, and basic aural and dictation skills. These skills are the fundamentals for a future career in music.

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*Third & Fourth year of choir/band would earn Laude points also.*



**PHYSICAL EDUCATION COURSE MAP– 1 ½ Credit Required**

State law mandates that one and one-half (1.5) credits of physical education, needed to meet the graduation requirements, **must be taken in three (3) different academic years.** Students may take Physical Education class all four years to benefit from the physical activity.

9 <sup>th</sup>	10 <sup>th</sup>	11 <sup>th</sup> and 12 <sup>th</sup>
Physical Education	Physical Education	CAPP Active Lifestyle CAPP Weight Training
Weight Training I	Weight Training II	Weight Training II or III
Athletic Performance 9	Athletic Performance	Athletic Performance
		Lifetime Sports
<b>Graduation Requirement: 3 P.E. classes over 3 separate academic years</b>		



**Physical Education****.50 CR****Years 9-10****Prerequisite: None****#3010 or #3010RW**

Students will develop and improve fundamental sport skills, game strategy skills, rules and game techniques in team sports and individual activities. Included but not limited to are the following activities: flag football, volleyball, soccer, basketball, softball, fitness gram testing, floor hockey, pickle ball, ultimate Frisbee, Speedball, and badminton. The class will emphasize the five health-related components of fitness.

**CAPP 105 Active Lifestyle****.50 CR - 1 Laude Point****Years 11-12****Prerequisite: Phys. Educ. II or WT II****#3021 Fee: \$110 per college credit**

Continues to emphasize the five health-related components of fitness along with development of skills practiced in Physical Education II. Emphasis placed on competitive game play. Safety, courtesy, rules, and strategy will also be taught. Activities include, flag football, volleyball, basketball, speedball, softball, fitness testing, floor hockey, biking, disc golf, archery, ultimate Frisbee, badminton, lacrosse, and pickle ball. Also, a contemporary examination of the effects of lifestyle, wellness, and health promotion on the individual. Instruction in procedures for self-evaluation and participation in a planned program of aerobic activity is required. Students who meet CAPP criteria, can take this course through the University of Wisconsin – Oshkosh and earn **2 college credits**.



- **UWO 105 – The Active Lifestyle (2 credits)** A contemporary examination of the effects of lifestyle, wellness, and health promotion on the individual. Instruction in procedures for self-evaluation as well as an individualized exercise program for the development of health fitness. Participation in a planned program of aerobic activity is required. This course meets the two unit (cr.) physical education requirement.

**CAPP 113 Weight Training****.50 - 1 Laude Point****Years 11-12****Prerequisite: 2 yrs. Phys. Educ. or WT II****#3022 Fee: \$110 per college credit**

This course is designed to introduce the student to weight training principles, methodologies, and techniques for improving muscular strength and endurance through program design. Methods of training will include machines, free weights, and training with and without apparatus. Orientation to equipment, safety, and proper technique will be emphasized. Students who meet CAPP criteria, can take this course through the University of Wisconsin—Oshkosh and earn **1 college credit**. **This course is the same curriculum as Weight Training III but only earns credit when Mr. Gennrich is the teacher.**



- **UWO 113 – Weight Training (1 credit)** This course is designed to introduce the student to weight training principles, methodologies, and techniques for improving muscular strength and endurance through program design. Methods of training will include machines, free weights, and training with and without apparatus. Orientation to equipment, safety, and proper technique will be emphasized.

**Lifetime Sports I****.50 CR****Years 11-12****Prerequisite: 2 yrs. Phys. Educ. or WT II****#3025**

Emphasize the five health-related components of fitness along with development of skills practiced in Physical Education II. Activities include Softball, Flag Football, Soccer, Ultimate Frisbee, Disc Golf, Mountain Biking, Bowling, Horseshoes, Speedball, Floor Hockey, Pickleball, Volleyball, Basketball, Golf, Archery, Bocce Ball, and Bag Toss.



**Weight Training I**  
**#3007**

**.50 CR**

**Years 9**

**Prerequisite: None**

Designed for the freshmen student with minimal or no previous weight training experience. Students will learn the basics of safe and effective strength training, as well as safe spotting techniques and weight room etiquette. All students will actively participate in a safe, effective strength training program throughout the semester. This course can be taken with PE I but in separate semesters and not for meeting additional required Physical Education credits.

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**Weight Training II**  
**#3033**

**.50 CR**

**Years 10-12**

**Prerequisite: WT I or instructor approval if WT I not taken**

Designed for the student who wants to increase his or her strength and flexibility with the use of weights and aerobic exercise. Continues to emphasize the health-related components of fitness and complete body balance. Upper body, core, and lower body exercises will be stressed throughout the units. Weight Training I is strongly recommended.

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**Weight Training III**  
**#3067**

**.50 CR**

**Years 11-12**

**Prerequisite: Weight Training II**

Designed for the student who wants to increase his or her strength and flexibility with the use of weights and aerobic exercise. Continues to emphasize the health-related components of fitness and complete body balance. Upper body, core, and lower body exercises will be stressed throughout the units. Weight Training II is required.

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**Athletic Performance 9**  
**#3051RW-3052RW**  
**recommended.**

**1 CR**

**Years 9**

**Prerequisite: Prior participation in Build-A-Bear is highly**

Designed for the freshmen student with a background in weight training. Students will learn the basics of safe and effective strength training, as well as safe spotting techniques and weight room etiquette. All students will actively participate in a safe, effective strength training program throughout the semester. This class is specifically designed for the high school athlete looking for a more advanced course. Prior participation in summer or winter Build-a-Bear is highly recommended.

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**Athletic Performance  
#3037-3038**

**2 CR**

**Years 10-12**

**Prerequisite: Athletic Performance 9  
or instructor approval**

This is a year-long course that is geared to enhance student's physical abilities and fitness levels. Students will have individualized workouts created to improve their strength, agility, flexibility, explosiveness, fitness level, and athletic abilities. This class is specifically designed for the high school athlete looking for a more advanced course. Prior participation in summer Build-a-Bear is required. Class begins at 7:05 a.m.

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**Athletic Performance Single Hr.  
#3065RW-3066RW**

**1 CR**

**Years 10-12**

**Prerequisite: Athletic Performance 9  
or instructor approval**

This course is geared to enhance student's physical abilities and fitness levels. Students will have individualized workouts created to improve their strength, agility, flexibility, explosiveness, fitness level, and athletic abilities. This class is specifically designed for the high school athlete looking for a more advanced course. This course is a yearlong. Prior participation in summer Build-a-Bear is required.

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*A fourth year of Physical Education will earn Laude Points.*

**HEALTH -1/2 CREDIT REQUIRED**

**Health  
#3081**

**Fee: \$5.00 for CPR certification**

**.50 CR**

**Year 10**

**Prerequisite: None**

A one-semester course **required** for all sophomores. Enroll in Health class the semester you do not have physical education. This curriculum is designed around the risks, responsibilities, and relationships through the seven dimensions of wellness: Emotional, Physical, Intellectual, Environmental, Spiritual, Occupational (Career), and Social. The topics help our students understand that the decisions that they make now will affect the quality of their lives both now and in the future. Specific topics covered in health will consist of Signs of Suicide, sexual assault awareness, social skills (interpersonal communication), emotional/mental health, drug/alcohol education, nutritional awareness, Human Growth and Development, Red Cross AED/First Aid/CPR Certification, and healthy relationship development along with a health holistic approach to managing your life.

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## SCHOOL-TO-CAREER EXPERIENCE/YOUTH APPRENTICESHIP

### **School-To-Career Experience #9207RW-9208RW**

**.50 CR/Semester**

**Year 12**

**Prerequisite: Must be employed by  
the start of the semester and \***

A work-based learning program, which provides students with the opportunity to develop positive attitudes, knowledge and work skills that will contribute to success in work, learning and life. Students will learn habits and principles that will empower them to be an asset to the business and industries in which they are employed. Students will be expected to work an average of 10 hours per week and submit a monthly log of hours worked, signed by the employer. In addition, students will provide a weekly journal in Canvas, reflecting on their work week. Students may enroll in SCE during their senior year for one semester or for the full year. Students in SCE will develop work experience related skills through direct employment. Students wishing to participate in SCE must show evidence of paid employment. Students will be excused from school for a maximum of 1 class period a day, as decided in cooperation with the Counseling Department. \* *Course permission form signed and submitted to the Counseling Office. Service-Learning hours must be up to date in Transeo (27 approved hours) <https://app.goтранseo.com>*

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### **Youth Apprenticeship #9211-2912**

**2 CR/Semester**

**Years 11-12**

**Prerequisite: Service-learning hours  
current in Transeo (27 hrs. approved) \***

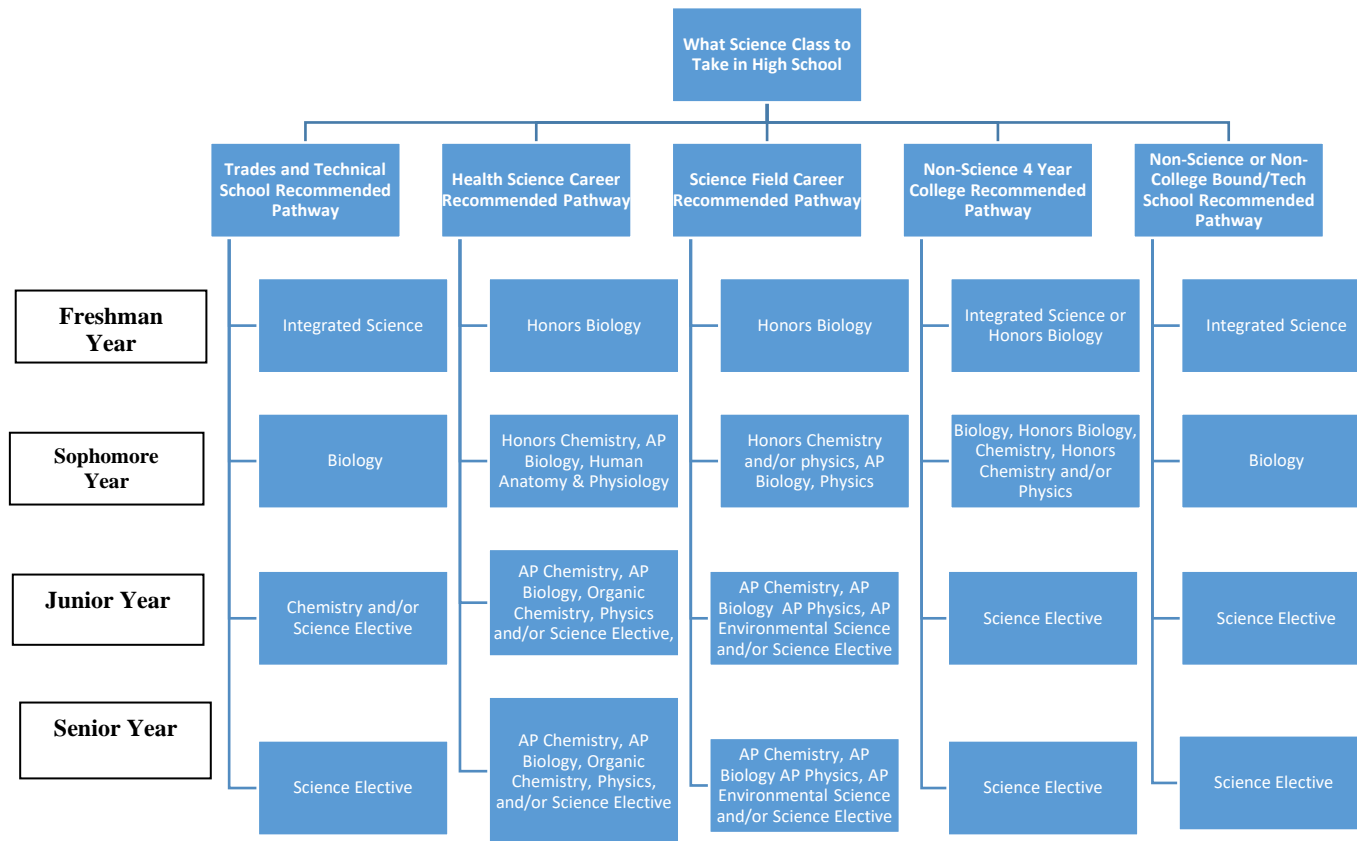
Integrates school-based and work-based learning to instruct students in employability and occupational skills defined by Wisconsin industries. Local programs provide training, based on statewide Youth Apprenticeship curriculum guidelines, endorsed by business and industry. Students are simultaneously enrolled in academic classes to meet high school graduation requirements and are employed by a participating employer under the supervision of a skilled worksite mentor. YA offers several career programs including Agriculture, Food & Natural Resources, Architecture & Construction, Art, A/V Technology & Communications, Finance, Health Science, Hospitality & Tourism, Information Technology, Manufacturing, Science, Technology, Engineering & Mathematics (STEM), Transportation, Distribution & Logistics, and Marketing. Students may enroll in YA for a minimum of 2 semesters, completing a minimum of 450 hours of work-based learning while simultaneously completing 2 semesters of related classroom instruction. Students wishing to participate in YA must submit a registration form, employer agreement, and have a job in one of the career program areas. Students can be excused from school for a maximum of 4 hours a school day. Upon completion of the YA, students will earn a state-issued skill certificate. \* <https://app.goтранseo.com>

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# SCIENCE PATHWAYS– 3 CREDITS REQUIRED



## SCIENCE COURSES SUMMARY

Science Courses	Class Type	Dual Credit	Laude Class	Fall	Spring	All Year	Total Credits
Integrated Science	Physical			Yes	Yes	Yes	1.0
Biology	Life			Yes	Yes	Yes	1.0
Honors Biology	Life		Yes	Yes	Yes	Yes	1.0
AP Biology	Life		Yes	Yes	Yes	Yes	1.0
Chemistry	Physical			Yes	Yes	Yes	1.0
Honors Chemistry	Physical		Yes	Yes	Yes	Yes	1.0
AP Chemistry	Physical		Yes	Yes	Yes	Yes	1.0
AP Honors Chemistry	Physical		Yes			Yes	2.0
Physics	Physical			Yes	Yes	Yes	1.0
AP Physics 1	Physical		Yes	Yes	Yes	Yes	1.0
AP Physics 2	Physical		Yes	Yes	Yes	Yes	1.0
Plant Biology	Elective			No	Yes	No	.5
Zoology	Elective		Yes	Yes	Yes	No	.5
Aquatic Ecology	Elective			Yes	Yes	No	.5
Meteorology	Elective			Yes	Yes	No	.5
Human Anatomy/Physiology	Elective		Yes	Yes	Yes	Yes	1.0
Conservation	Elective			Yes	Yes	Yes	1.0
Taxidermy (Non-Science)	Elective			Yes	No	No	.5
Taxidermy II (Non-Science)	Elective			No	Yes	No	.5
AP Environmental Science	Elective		Yes	Yes	Yes	Yes	1.0
Organic Chemistry	Physical		Yes	Yes	Yes	No	.5
Independent Science	Elective			Yes	Yes	No	.5

**Integrated Science**  
**#4005-4006**

**1 CR**

**Year 9-10**

**Prerequisite: None**

Required for all freshmen unless recommended for Honors Biology. This course is designed to give freshmen an introduction to Earth/Space Science, Chemistry and Physics. Students in this course will be exposed to many of the Next Generation Science standards in Earth and Physical Science. This course also incorporates the application of basic math skills.

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**Biology**  
**#4011-4012**

**1 CR**

**Year 9-10**

**Prerequisite: None**

Explores the fundamental characteristics of living matter from the molecular level to the ecological community with the continual emphasis being placed on the unifying themes of biology (cellular structure, reproduction, metabolism, homeostasis, heredity, evolution, and interdependence).

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**Honors Biology**  
**# 4015-4016**

**1 CR - 2 Laude Points**

**Years 9-10**

**Prerequisite: Consent of Middle School Science or Integrated Sci. and/or overall 3.0 GPA.**

Based on the structure and function of life. Honors Biology focuses on the study of cells, obtaining and using energy, cell reproduction, genetics, evolution, the interdependence of life and the environment.

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**AP Biology**  
**#4017RW-4018RW**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prerequisite: Hon. Bio or Biology  
Hon. Chem or Chemistry**

Designed to be the equivalent of a two-semester college introductory biology course usually taken by biology majors during their first year. AP Biology will include topics such as cell structure and function, genetics and evolution, plant and animal biology and ecology. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Students who elect to take and pass the Advanced Placement exam can receive college credits.

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**Human Anatomy & Physiology**  
**#4023-4024**

**1.00 CR – 2 Laude Points**    **Years 10-12**    **Prerequisite: B- or better in Biology or a C or better in Hon. Biology**

Studies a detailed structure and function of major systems of the human body. It also studies the coordination of those systems in the functioning of the whole human. This course is recommended for students interested in biology or health related careers.

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**Zoology**  
**#4039**

**.50 CR - 1 Laude Point**    **Years 10-12**    **Prerequisite: Biology**

Study of the Animal Kingdom. This course will survey the invertebrate and vertebrate animals. Emphasis on dissection will show the increasing complexity of systems in various representative animal groups. The course is recommended for students interested in biology, health-related careers, and environmental studies.

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**Plant Biology**  
**#4045**

**.50 CR**    **Years 11-12**    **Prerequisite: C or better in Biology or Hon. Biology**

Study of the Plant Kingdom. This course will survey green plants from simple to complex. Students will study the structure and functions of the flowering plants and factors affecting their growth. They will also study plant biology as it applies to agriculture and forestry. The course is recommended for students with interests in biology, horticulture, and environmental studies.

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**Chemistry**  
**#4051-4052**

**1 CR**    **Years 10-12**    **Prerequisite: C- or better in Hon. Bio or Biology or in Algebra**

Focus on the study of matter, its composition, and changes in the composition. This course's five goals are to help students: develop an understanding of chemistry, cultivate problem-solving and critical-thinking skills related to chemistry, apply chemistry knowledge to decision-making about scientific and technological issues, recognize the importance of chemistry in daily life, and understand the benefits and limitations of science and technology.

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**Honors Chemistry**  
**#4053RW/4054RW**

**1 CR - 2 Laude Points**    **Years 10-12**    **Prerequisite: C- or better in Hon. Bio or Biology or in Algebra**

Covers topics of atomic structure, chemical formulas, states of matter, solutions, chemical reactions, and an introduction to organic chemistry. Many of these topics are covered using laboratory experiments, as well as the textbook. Students who plan on taking science courses in post-secondary institutions with the goal of working in the health or science field, should take this course.



**AP Chemistry**  
**#4055RW-4056RW**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prerequisite: B or better in  
Hon. Chemistry**

Designed to be taken after successful completion of high school Chemistry. Topics such as the structure of matter, kinetic theory of gases, chemical equilibrium, chemical kinetics, and the basic concepts of thermodynamics are presented in considerable depth. Students who elect to take and pass the Advanced Placement exam can receive college credits.

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**Honors AP Chemistry**  
**#4047S-4048S**

**2 CR- 4 Laude Points**

**Years 11-12**

**Prerequisite: C- or better in Hon. Bio  
Biology or Algebra**

Honors AP Chemistry is a class that is designed for a student who is looking to prepare themselves for a possible science, health care or engineering career. This class will be offered as a *full year class, meeting every day*, and is composed of 2 credits. The first credit will fulfill the Honors Chemistry class. See the Honors Chemistry description for more information. The second credit will fulfill the AP Chemistry class. See AP Chemistry description for more information. Honors AP Chemistry is designed to allow a student to take both Honors Chemistry (Fall) and AP Chemistry (Spring) in the same year. The second semester is not a standalone class and will not be available to replace the AP Chemistry class. To be eligible for the second semester AP Chemistry class, a student must have completed the first semester Honors AP Chemistry in the previous semester of the same school year.

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**Organic Chemistry**  
**#4057 or #4057RW**

**.50 CR - 1 Laude Point**

**Years 11-12**

**Prerequisite: Chem or Hon Chem**

An introductory class that focuses on the basic principles that govern the structure and reactivity of organic molecules. Emphasis is placed on Nucleophilic Substitution, Elimination Reactions and Addition Reactions. The course also introduces the chemistry of aromatic compounds. This class is designed for the college-bound or technical school-bound student in any field of science but is highly recommended for students pursuing a career in the medical or engineering fields.

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**Meteorology**  
**#4071**

**.50 CR**

**Years 11-12**

**Prerequisite: Integrated Science**

For students who have an interest in meteorology and who would like to develop skills in forecasting weather changes. Topics will include such things as the structure of weather systems; the composition of Earth's atmosphere; air masses and the development of severe storms; the variations of precipitation, clouds, and humidity; and different forecasting techniques. Projects will involve conducting investigations, collecting, and analyzing data, and presenting results. Opportunities will be sought to link with local and regional weather stations.



**Conservation  
#4081-4082**

**1 CR**

**Years 10-12**

**Prerequisite: None**

Designed to help students understand the concept of “wise use” of natural resources. The course covers a wide range of topics especially dealing with Wisconsin outdoors. Subjects are covered in phenologic order.

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**Taxidermy I  
#4085**

**Fee: \$30**

**.50 CR**

**Years 11-12**

**Prerequisite: Instructor consent**

Designed to provide students with the basics of the art of taxidermy. Each student is required to bring in a fish, bird, and a small mammal to work on. Students are also required to complete an outside project. *This course is an elective and does not satisfy any part of the Science graduation requirements.*

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**Taxidermy II  
#4090**

**.50 CR**

**Years 11-12**

**Prerequisite: Taxidermy I & Instructor consent**

Designed to provide students with advanced techniques for the art of taxidermy. Students are required to bring in their own animals to work on. Students will be using technologies to research and develop their projects. Students will need to be creative and innovative in their projects.

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**AP Environmental Science  
#4095RW-4096RW**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prerequisite: Bio or Hon Bio AND  
Chemistry or Hon. Chemistry**

Provides students with the principles, concepts, and methodologies required to understand the interrelationships of the natural world to identify environmental problems and offer solutions to the problems. Students who elect to take and pass the Advanced Placement exam can receive college credits.



**Physics**  
**#4103-4104**

**1 CR**

**Years 10-12**

**Prerequisite: Algebra**

Designed to help students understand the principles of motion, mechanics, energy, waves, electricity, and optics. Students will learn good problem-solving skills and increase their understanding of the physical world via laboratory experiments.

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**AP Physics I**  
**#4105RW-4106RW**

**1 CR - 2 Laude Points**

**Years 10-12**

**Prerequisite: Algebra**

A college level course designed to give the students an understanding of physical laws and principles that govern our universe. Topics include the interaction of matter and energy, linear and rotational motion, forces, mechanical equilibrium, waves, sound, and electricity. The class is designed for students intending to pursue a career in science, engineering, or the applied sciences. Students who elect to take and pass the Advanced Placement exam(s) could receive college credits. Students in this class will be preparing to take the AP Physics 1 Test.

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**AP Physics II**  
**#4109RW-4110RW**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prerequisite: Physics or Instructor consent**

A college level course designed to give the students an understanding of physical laws and principles that govern our universe. Topics include the interaction of matter and energy, fluid mechanics, thermodynamics, electricity, magnetism, optics, and nuclear physics. The class is designed for students intending to pursue a career in science, engineering, or the applied sciences. Students who elect to take and pass the Advanced Placement exam(s) could receive college credits. Students in this class will be preparing to take the AP Physics 2 Test.

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**Aquatic Ecology**  
**#4111**

**.50 CR**

**Years 11-12**

**Prerequisite: C- or better in Hon. Biology or Biology**

A hands-on, project-based investigation of the Black Otter Watershed. It is designed to improve problem-solving skills by integrating classroom discussion with field and laboratory experiences. Students apply acquired knowledge and technological skills to a community service project. The course will help students present and defend their thoughts in a logical, scientific manner.

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**Science Independent Study**

**.50 CR**

**Years 9-12**

**Prerequisite: Instructor consent**

**#4121S or 4121RW-4122RW** Requires a student to complete a comprehensive project and present it to an audience appropriate for the research and level of instruction. The student may assist the supervising teacher by being an integral part of laboratory preparation and tear down. Students who take this course would participate in and complete trial runs to ensure viability and results on new labs. Projects that affect community members would be presented to town councils, or boards, projects that affect future teaching methods or classes would be presented to the school board or the appropriate grade level classes. Student must have a strong science background and must have teacher's permission before taking the credit. The class must have labs during the semester.



## SOCIAL SCIENCES COURSE MAP – 4 CREDITS REQUIRED

*The Social Science curriculums strive to prepare young people to be humane, rational, participating citizens in an ever-changing world by understanding their historical roots and how past events shape their world today. Reconstructing and interpreting historical events provide needed perspective in addressing the past, the present, and the future.*

Freshman Year	Choose only 1		
	Interdisciplinary Studies (Global Studies/Civics with English 9)	Global Studies/Civics	
Sophomore Year	Choose only 1		
	AP World History: Modern	World History	
Junior Year	Choose only 1		
	AP US History	US History	
Junior Year and/or Senior Year to get to 4 Social Studies Credits	Choose from the columns below to finish 4 credits required for Social Sciences—may choose more and count toward electives.		
	AP courses	Transcribed Tech College Courses	Other options
	<p><b>AP Microeconomics</b></p> <p>AP Psychology</p> <p>AP American Government and Politics</p>	<p>Transcribed Psychology</p> <ul style="list-style-type: none"> <li>- Psychology I</li> <li>- Psychology II</li> <li>- Sociology I</li> <li>- Sociology II</li> </ul>	<ul style="list-style-type: none"> <li>- Cultural Geography A</li> <li>- Cultural Geography B</li> <li>- Social Problems I</li> <li>- Social Problems II</li> </ul>



## SOCIAL SCIENCES COURSES

### **Global Studies/Civics #1003RW & 1004RW**

**1 CR**

**Year 9**

**Prerequisite: None**

Explores how the United States government functions and the geography of the world. Global Studies lessons will cover the world's human and physical geography using assigned reading and research topics, map reading, and statistical analysis utilizing charts and graphs. Civics will focus on the rights and responsibilities of citizenship as well as the foundations and formation of the United States government. This is a required course for freshmen and includes the required Civics test.

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### **Interdisciplinary Global Studies-Civics (with Eng. 9)**

**1 CR**

**Year 9**

**Prerequisite: None**

### **#1005RW & 1006RW**

This course is designed as an integration of English 9 and Social Studies 9. As students study various forms of communication through multiple literary forms throughout the year, they will study both Global Studies in the fall and Civics in the spring with the intention of connecting elements of both classes daily. English texts are going to be selected based on their connection to real world issues and cultural relevance. The content and assessments of both courses, English 9 and Social Studies 9, are used to give students a clearer understanding of how literary forms and the process of writing are connected to the world in which they live. This course utilizes computer and project-based learning activities which requires students to work both independently and collaboratively with their peers and moves at an accelerated pace.

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### **World History #1017-1018**

**1 CR**

**Year 10**

**Prerequisite: None**

This course **OR** AP World History is required for all 10<sup>th</sup> graders. This course is the study of the beginning of time to post-WWII. Students will evaluate the social, political, geographical, cultural, and economic influences and their impact on world history. First semester topics focus on laying the foundation for world history, which include origin stories, early civilizations, world religions, and the fall of ancient Rome. Second semester topics focus on the development of Western civilization and imperialism and the impact it had on the global stage. Topics include the Renaissance, exploration and imperialism, revolutions, the world wars, and modern problems.



**AP World History: Modern****1 CR - 2 Laude Points****Year 10****Prerequisite: None****#1019RW-1020RW**

This course **OR** World History is required for all 10<sup>th</sup> graders. AP World History is elevated to the Advanced Placement Level, culminating with the opportunity for students to take the AP test for a possibility of college credit. The goal of the AP World History: Modern course is to provide students with a learning experience equivalent to that of an introductory college course in world history, starting at 1200 to the present. We will highlight the nature of **changes and continuities over time**, focusing on their **causes and consequences**, as well as **comparisons** among major societies. Students develop analytic skills through exposure to historical documents, visual and statistical evidence, and conflicting interpretations.

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**U.S. History****1 CR****Year 11****Prerequisite: None****#1009-1010**

This course **OR** AP U.S. History is required for all 11 graders. The course will cover the period of U.S. History from Pre-Columbian Era to the present. Units of study include Jacksonian Democracy, Manifest Destiny, the Civil War, Reconstruction, Industrial Revolution, Westward Expansion, Imperialism, the Progressive Movement, WWI and its aftermath, the 1920's, the Depression, WWII and its aftermath to current history. The study of basic economic concepts and current significant events will be covered.

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**AP U.S. History****1 CR - 2 Laude Points****Year 11****Prerequisite: None****#1011RW-1012RW**

This course **OR** U.S. History is required for all 11 graders. This is a college level course that will prepare students with the analytical skills and knowledge necessary to deal with problems in U S History. Opportunities will be offered to prepare for the Advanced Placement United States History test. Students who elect to take and pass the AP exam could receive college credits.

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**Social Problems I****.50 CR****Years 11-12****Prerequisite: Global Studies/Civics  
and World History****#1021**

Combines elements of various social studies disciplines to help high school students study and evaluate current problems of society including causes, definitions, and solutions. This is a class that continues to evolve as society changes and new issues emerge. Issues studied in Social Problems I include environment, poverty, populations, crime, and war. Students will study these issues using textbooks, outside readings, newspapers, videos, guest speakers, class discussions, debates, simulations, and written essays



**Social Problems II****.50 CR****Years 11-12****Prerequisite: Social Problems I****#1022**

Combines elements of various social studies disciplines to help high school students study and evaluate current problems of society including causes, definitions, and solutions. This is a class that continues to evolve as society changes and new issues emerge. Issues studied in Social Problems II include problems of racism and ethnic issues, drugs and society, gender issues, family and divorce issues and its impact on society and current events and current controversies in the world. Students will study these issues using textbooks, outside readings, newspapers, videos, guest speakers, class discussions, debates, simulations, and written essays.

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**Sociology I****.50 CR****Years 11-12****Prerequisite: Junior or Senior Standing****#1025**

Sociology, or the study of human society, looks for patterns in societies and allows individuals to see the world in a new framework. In addition to the theories of sociology and sociological research, this course will also examine culture, society and socialization, groups and organizations, and deviance. This course will look at topics both nationally and globally and will include discussions of current social problems.

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**Sociology II TC****.50 CR - 1 Laude Point****Years 11-12****Prerequisite: Sociology I****#1028**

Sociology II is a continuation of Sociology I and will build off the skills and information gathered in Sociology I. In Sociology II, topics covered include stratification, gender, race, and ethnicity, and aging and the elderly in society. This course will look at topics both nationally and globally and will include discussions of current social problems. This course is designed to be the second half of a preparatory course and is articulated with FVTC for college credit. *Students are required to take both Sociology I and Sociology II in order to get college credit.*

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**Cultural Geography A****.50 CR****Years 11-12****Prerequisite: None****#1031**

A study of cultural and physical diversities within world cultures. The topography of the country will be addressed as well as the cultural, historical, political, religious, economic, and current problems of each country. Countries studied: South Asia (including India), Southeast Asia, Latin America, countries known as the former Soviet Union and Russia. This course does not have to be taken in sequence with Cultural Geography B.



**Cultural Geography B**  
**#1032**

**.50 CR**

**Years 11-12**

**Prerequisite: None**

A study of cultural and physical diversities within world cultures. The topography of the country will be addressed as well as the cultural, historical, political, religious, economic, and current problems of each country. Countries studied: The Middle East, Africa, China, Japan, and the Koreans. This course does not have to be taken in sequence with Cultural Geography A.

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**Psychology I**  
**#1035**

**.50 CR**

**Years 11-12**

**Prerequisite: None**

A general survey of the field of psychology with a broad look at areas of human behavior. Units will include history, the brain and biology of behavior, sensation, and perception, altered states of consciousness, learning and memory, and the life span including child development. Students will use practical applications and experimental design to find out why people do what they do. Completion of Psychology I and Psychology II makes a student eligible for transcribed credit through Fox Valley Technical College. Transcribed FVTC credit is 3 college credits transferable to any 2 or 4-year campus in the U.W. system.

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**Psychology II TC**  
**#1038**

**.50 CR - 1 Laude Point**

**Years 11-12**

**Prerequisite: Psychology I**



Continues the survey of human behavior with units on personality, intelligence and testing, abnormal behavior and treatment methods, and social psychology. Application of behavior principles to real world applications will be emphasized, and completion of this course along with Psychology I will earn a student transcribed credit through Fox Valley Technical College. Transcribed FVTC credit is 3 college credits transferable to any 2 or 4-year campus in the U.W. system.

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**AP Psychology**  
**#1041RW-1042RW**

**1 CR - 2 Laude Points**

**Years 11-12**

**Prerequisite: None**

A rigorous yearlong course that will provide students with the opportunity to take a college level introductory course on human behavior. All major areas of psychology will be studied, with an emphasis on useful terminology and the application of these terms to explain why people behave the way that they do. Aspects of this course will specifically prepare students to take the AP Psychology exam in the spring, where a passing grade can make students eligible to receive college credit.



**AP Microeconomics****1 CR – 2 Laude Points****Years 11-12****Prerequisite: None****#1103RW-1104RW**

AP Microeconomics is an introductory college-level microeconomics course. Students cultivate their understanding of the principles that apply to the functions of individual economic decision-makers by using principles and models to describe economic situations and predict and explain outcomes with graphs, charts, and data as they explore concepts like scarcity and markets; costs, benefits, and marginal analysis; production choices and behavior; and market inefficiency and public policy.

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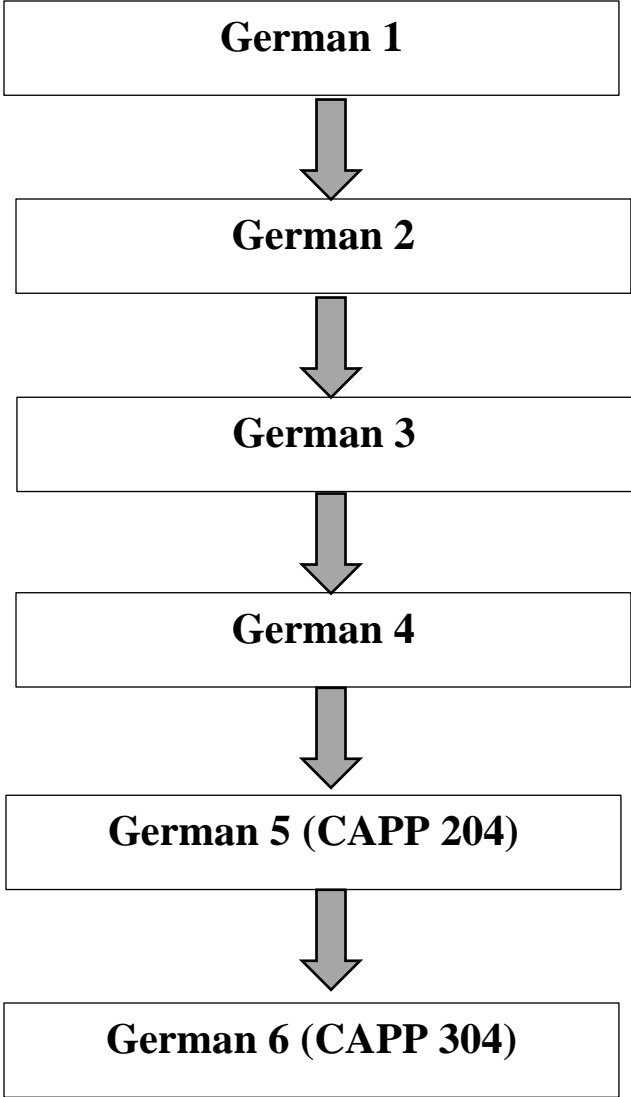
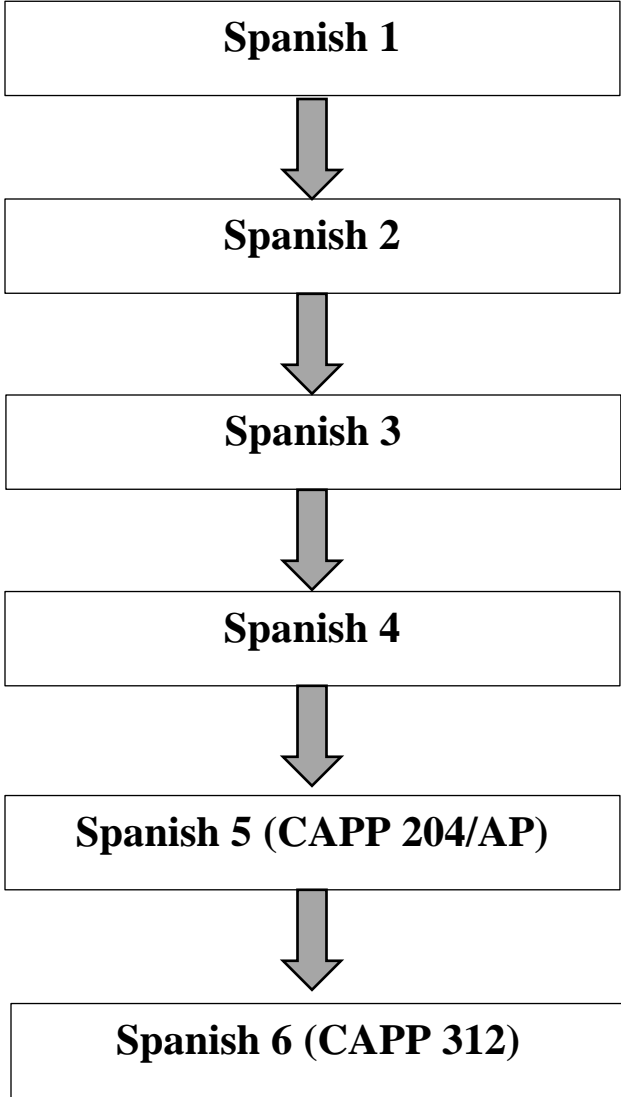
**AP U.S. Government & Politics****1 CR - 2 Laude Points****Years 11-12****Prerequisite: None****#1101RW-1102RW**

A yearlong course taught at a freshman-sophomore college level in preparation for the College Board's AP Exam in the spring. The course addresses the American political system, its foundations, and is designed to give students a critical perspective on politics and government in the United States. The class involves both the study of general concepts used to interpret American politics and the analysis of specific case students. AP American Government and Politics is composed of six major themes: Constitutional Underpinnings of U.S. Government; Political Beliefs and Behaviors; Political Parties, Interest Groups, and Mass Media; Institutions of National Government; Public Policy; and Civil Rights and Civil Liberties. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills, essay writing, debating skills, and interpretation of original documents. Students who elect to take and pass the Advanced Placement exam could receive college credits.

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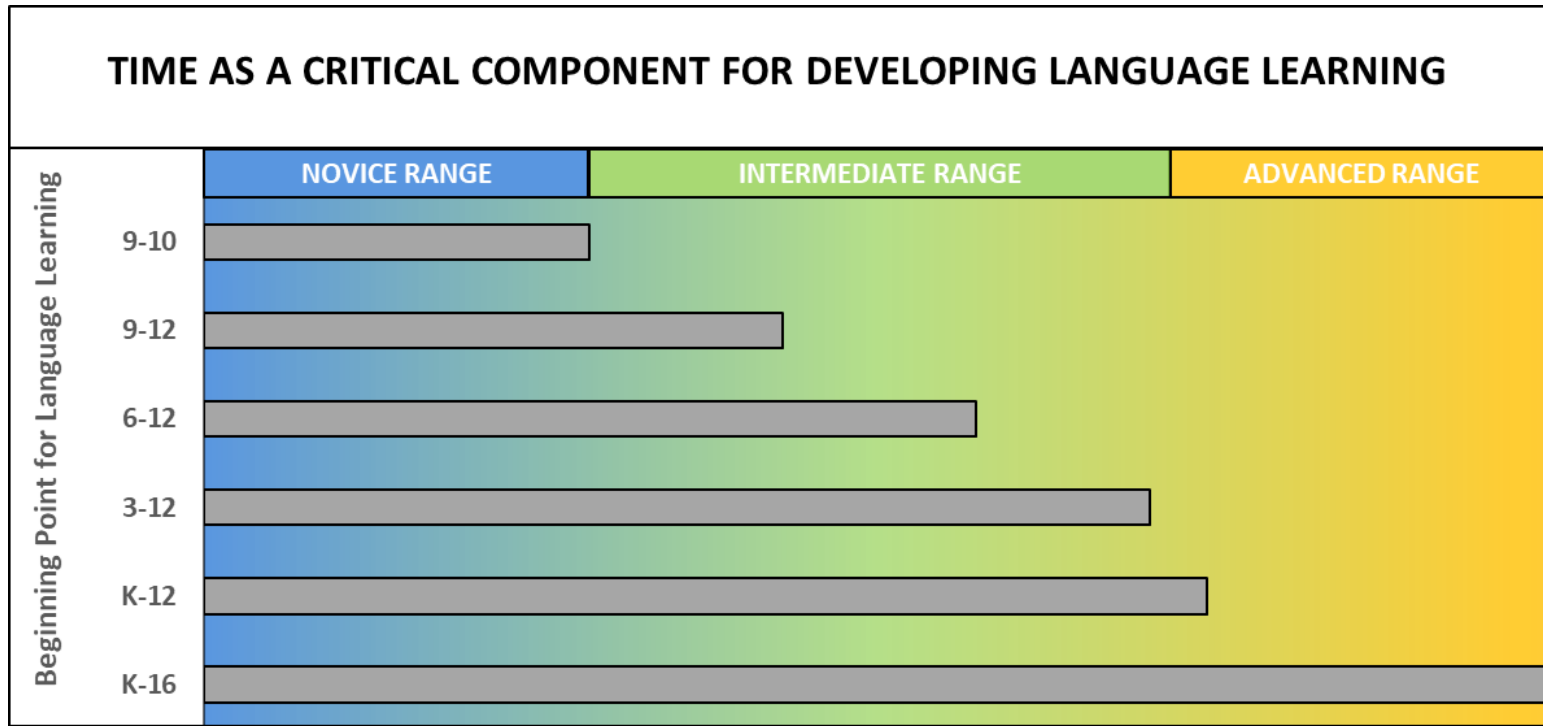


**WORLD LANGUAGE COURSE MAP**



## WORLD LANGUAGE COURSES

The world language curriculum develops an understanding of the language, culture, history, and literature of Spanish and German speaking countries. Spanish and German courses strive to develop student proficiency in reading, writing, listening, and speaking the target language as advocated by the American Council on the Teaching of Foreign Languages. *\*Two to four years of a world language may be required for admission into some universities.*



(Adapted from The National Standards in Foreign Language Education Project 2015)

**Spanish 1****1 CR****Years 9-12****Prerequisite: None****#0205-0206 OR 0205RW-0206RW**

This course is designed for students with little or no formal study of Spanish. Students will learn to interact in a culturally appropriate manner at a survival level in some familiar everyday contexts using memorized words, phrases, and simple sentences. Assessments involve oral and written presentations, spontaneous conversations and interpreting both spoken and written Spanish.

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**Spanish 2****1 CR****Years 9-12****Prerequisite: 8<sup>th</sup> GR Spanish teacher recommendation or HHS Spanish 1****#0211-0212 OR 0211RW-0212RW**

Students will increase their communication skills in Spanish and expand their knowledge of the Spanish-speaking world. Students will learn to interact in a culturally appropriate manner at a novice high proficiency level. Assessments involve oral and written presentations, spontaneous conversations and interpreting both spoken and written Spanish. **(The first semester curriculum of this course is a repeat of 8th grade Spanish at GMS and HMS.)**

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**Spanish 3****1 CR****Years 9-12****Prerequisite: 8<sup>th</sup> GR Spanish or HHS Spanish 2; Non-district students should contact HHS Counseling Office for placement****#0221-0222 OR 0221RW-0222RW**

Students will further develop their language proficiency and cultural understanding of the Spanish-speaking world by expanding their vocabulary and learn to speak about the past, speculate about the future and express their opinions at an intermediate mid proficiency level. Students will read several short novels in Spanish. Assessments involve spontaneous conversations, formal writing, oral presentations and interpreting both spoken and written Spanish.

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**Spanish 4****1 CR - 2 Laude Points****Years 10-12****Prerequisite: Spanish 3****#0231-0232 OR 0231RW-0232RW**

Students will continue to increase their language proficiency and cultural understanding of the Spanish-speaking world. Students will be able to communicate with ease and confidence on familiar topics. They will continue to develop their ability to communicate about events and experiences using various time frames at an intermediate high proficiency level. More emphasis is placed on reading and formal essay writing, while continuing to improve oral presentational skills and interpretation of both spoken and written Spanish.





## Spanish 5 (CAPP 204/AP)

1 CR - 2 Laude Points

Years 11-12

Prerequisite: Spanish 4

#0233-0234 OR 0233RW-0234RW \*Fee: Optional College Credits are \$110 per college credit (\$550.00)

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This course includes a comprehensive review of advanced grammar concepts for increased accuracy and fluency in communication. There is also increased emphasis on Hispanic literature, composition, and conversation. The class is conducted in Spanish and college level work is expected. \*College credit OPTION: The course of study is the same for all students whether taken for high school credit only, CAPP Spanish 204 or Advanced Placement. Students who meet CAPP criteria may take this course through the University of

Wisconsin-Oshkosh. Those who pass the CAPP course, earn five (5) college credits in addition to one (1) high school credit. Those who earn a B or higher will also receive eleven (11) retro-credits in Spanish from UW-Oshkosh. *UW Oshkosh maintains minimum qualifying criteria that students must meet to enroll in the course, including a 2.75 GPA. Please consult the UWO CAPP website for detailed information. Tuition is charged for this course if taken for college credit.*

- **UWO 204 – Intermediate Structure and Expression II (Spanish) (5 credits)** Emphasis on reading and discussion of selected works of authors and/or materials of current interest. Will count toward fulfillment of the Bachelor of Arts language requirement. Prerequisite: Spanish 203 or Placement Test. *This course replaced Spanish 248 in 2015*

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## Spanish 6 (CAPP 312)

1 CR - 2 Laude Points

Years 12

Prerequisite: Spanish 5 (CAPP 204/AP)

#0235-0236 OR 0235RW-0236RW \*Fee: Optional College Credits are \$110 per college credit (\$550.00)

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Students will focus on the accurate use of the Spanish language as well as practice understanding spoken Spanish using authentic aural broadcast and movies in Spanish. Students will further refine their speaking skills through the study of various aspects of culture, history, and literature. Both teacher and students speak exclusively Spanish in this class. \*College credit OPTION: The course of study is the same for all students whether taken for high school credit only or for high school and college credit. Students who meet CAPP

criteria may take this course through the University of Wisconsin-Oshkosh. Those who pass the CAPP course, earn five (5) college credits in addition to one (1) high school credit. *UW Oshkosh maintains minimum qualifying criteria that students must meet to enroll in the course, including a 2.75 GPA. Please consult the UWO CAPP website for detailed information. Tuition is charged for this course if taken for college credit.*

- **UWO 312 – Advanced Spanish Grammar (5 credits)** Thorough and specific survey of advanced grammatical principles with intensive examination of syntax and of constituents of the Spanish utterance. Prerequisite: Spanish 204, or 248 with a grade of B or better.

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## German 1

1 CR

Years 9-12

Prerequisite: None

#0301-0302 OR 0301RW-0302RW

Students will learn to interact in a culturally appropriate manner at a survival level in some familiar everyday contexts using memorized words, phrases, and simple sentences. This course, focusing on the culture of Germany, is designed for students with no formal study of German. Assessments involve oral and written presentations, spontaneous conversations and interpreting both spoken and written German.



**German 2**  
**#0311-0312 OR 0311RW-0312RW**

**1 CR**

**Years 9-12**

**Prerequisite: 8<sup>th</sup> GR German teacher recommendation or HHS German 1; Non-district students should contact HHS Counseling Office for placement.**

Students will increase their communication skills in German and expand their knowledge of Germany. Students will learn to interact in a culturally appropriate manner at a novice high level. Assessments involve oral and written presentations, spontaneous conversations and interpreting both spoken and written German.

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**German 3**  
**#0321-0322 OR 0321RW-0322RW**

**1 CR**

**Years 9-12**

**Prerequisite: 8<sup>th</sup> GR German or HHS German 2; Non-district students should contact HHS Counseling Office for placement.**

Students will further develop their language proficiency and cultural understanding by expanding their vocabulary and learn to speak about the past, speculate about the future and express their opinions. Assessments involve spontaneous conversations, formal writing, oral presentations and interpreting both spoken and written German.

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**German 4**  
**#0331-0332 OR 0331RW-0332RW**

**1 CR - 2 Laude Points**

**Years 10-12**

**Prerequisite: German 3**

Students will continue to increase their language proficiency and cultural understanding of the German-speaking world and focus on Austria. Students will be able to communicate with ease and confidence on familiar topics. They will continue to develop their ability to communicate about events and experiences in various time frames. More emphasis is placed on reading and formal writing, while continuing to improve oral presentational skills and interpretation of both spoken and written German.



## German 5 (CAPP 204)

1 CR - 2 Laude Points

Years 11-12

Prerequisite: German 4

#0341-0342 OR 0341RW-0342RW \*Fee: Optional College Credits are \$110 per college credit (\$550.00)



This course includes a comprehensive review of advanced grammar concepts for increased accuracy and fluency in communication. There is also increased emphasis on German literature, composition, and conversation. The class is conducted in German and college level work is expected. \*College credit **OPTION**: The course of study is the same for all students whether taken for high school credit only or CAPP German 204. Students who meet CAPP criteria may take this course through the University of Wisconsin-Oshkosh. Those who pass the CAPP course, earn five (5) college credits in addition to 1 high school credit. Those who earn a B or higher will also receive nine (9) retro-credits in German from UW-Oshkosh. *UW Oshkosh maintains minimum qualifying criteria that students must meet to enroll in the course, including a 2.75 GPA. Please consult the UWO CAPP website for detailed information. Tuition is charged for this course.*

- **UWO 204 – German Language and Culture IV (5 credits)** Continued structural review with emphasis on reading and discussion of selected works of current interest. Will count toward fulfillment of the Bachelor of Arts language requirement. Prerequisite: German 203 or Placement Test. *This course replaced German 248 in 2015*

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## German 6 (CAPP 304)

1 CR - 2 Laude Points

Years 12

Prerequisite: German 5 (CAPP 204)

#0343-0344 OR 0343RW-0344RW \*Fee: Optional College Credits are \$110 per college credit (\$550.00)



This is an advanced composition/conversation course to improve language skills with an emphasis on reading comprehension and speaking and writing about German culture and society. This course involves a lot of discussion and uses many different types of media, which give many perspectives on historical and modern Germany, Austria, and Switzerland, as well as cross-cultural insights. In addition to vocabulary expansion, we will review grammatical concepts and strengthen the proper usage of appropriate grammatical structures. \*College credit **OPTION**: The course of study is the same for all students whether taken for high school credit only or CAPP German 304. Students who meet CAPP criteria may take this course through the University of Wisconsin-Oshkosh. Those who pass the CAPP course, earn five (5) college credits in addition to 1 high school credit. Those who earn a B or higher will also receive nine (9) retro-credits in German from UW-Oshkosh. *UW Oshkosh maintains minimum qualifying criteria that students must meet to enroll in the course, including a 2.75 GPA. Please consult the UWO CAPP website for detailed info. Tuition is charged for this course.*

- **UWO 304 – Engaging Culture through Media (5 credits)** Development of written and oral facility using materials in German civilization. May be taken before German 301. Prerequisite: German 204, consent of instructor or Placement Test or German 248 with a grade of B or better.

## ITV CLASSES OFFERED

*ITV classes use interactive technology that combines two-way audio and video with Internet access to allow our students to have access to classes taught at different sites without having to leave our building. All the classes are semester long and are offered to students in Grade 11 and 12. There is an application process that goes along with signing up for these classes. Please see Mrs. Patri in the Counseling Office. This list of offerings is subject to change. ITV classes earn **1 Laude Point** each.*



### **American Sign Language I (9339)**

This course will focus on relating to the deaf culture including non-manual grammatical markers, signing, fingerspelling, classifying and the technology related to deafness.

### **American Sign Language II (9342)**

This course will continue to focus on relating to the deaf culture including non-manual grammatical markers, signing, fingerspelling, classifying and the technology related to deafness.



### **Contemporary Healthcare Practices**

This course prepares learners to work in the healthcare environment as part of a healthcare team. Learners will investigate the healthcare community, patient privacy standards, and the professional behavior that is expected in today's medical community. Learner will examine various aspects of verbal and written communication skills, customer service principles, and problem-solving techniques necessary to be a vital member of the healthcare workforce. **1st eight weeks of spring semester**

### **Digital Literacy for Healthcare**

This course introduces basic computer functions and applications utilized in contemporary healthcare settings. Students are introduced to the hardware and software components of modern computer systems. **2nd eight weeks of spring semester**



**Contemporary Healthcare Practices, Digital Literacy for Healthcare, and Medical Terminology will result in a Pathway Certificate in Healthcare Customer Service Representative; Medical Assistant, Healthcare Customer Service Representative, Health Office Professional.**



## ARTICULATION AGREEMENTS

Fox Valley Technical College's **Family Educational Rights and Privacy Act (FERPA)** Standards--The Family Educational Rights and Privacy Act (FERPA) is Federal legislation that sets forth requirements and provides guidelines for post-Secondary Institutions regarding the privacy of student records for ALL students including high school students under the age of 18 enrolled in post-Secondary classes. FERPA governs the release of educational records that are maintained by the College, as well as access to these records.

While the student has full access to their educational records at any time, the following are the only records that Fox Valley Technical College (FVTC) can release regarding the student without written consent of the student (this is called Directory Information): Student's name, Mailing address, E-mail address (@fvtc.edu), Telephone number, Enrollment status (full-time or part-time), Dates of attendance (only by term/semester), Plan of study (major), Degrees (including dates), Academic honors and awards.

Written consent from the student is required for release of any other information regarding the student's educational record – this includes release of information to parents, spouse, siblings, etc. While this may seem restrictive, it is for the protection and privacy of the student that these Federal regulations were mandated. The consent or prevent disclosure forms can be found at FVTC's home page, click "About FVTC", click "Forms & Publications" and then click on "Consent for the Release of Confidential Information" or "Request to Prevent Disclosure of Directory Information". The following items are a sample of what should NEVER be released without the written consent of the student: Social Security Number, Citizenship, Gender, Grades, and Grade Point Average Schedule of Classes.

**TRANSCRIPTED CREDIT AGREEMENTS** Fox Valley Technical College and Hortonville High School--Transcribed Credit Agreements mean that an actual technical college course, using college textbooks and materials, is being taught at Hortonville High School. You will earn high school credit and, if you meet the conditions of the agreement, will be awarded college credit at the same time. The college grade and credits will be recorded on both your HHS transcript and a technical college transcript. Note: Courses that are FVTC specific may be recognized and accepted for advanced standing at FVTC. Hortonville High School courses and their Fox Valley Technical College match for Transcribed Credit are as follows:

<u>Hortonville High School Course</u>	<u>Fox Valley Technical College Course</u>	<u>College Credits</u>
Business Management TC	Introduction to Business (10-102-112)	3 credits
Entrepreneurship TC	Entrepreneurship, Intro (10-145-104)	3 credits
College Technical Math 1 TC	College Technical Math 1 (10-804-115)	5 credits
Pre-Calculus TC	College Algebra W/Trigonometry (10-804-197)	5 credits
Psychology I and Psychology II TC	Intro. To Psychology (10-809-198)	3 credits
Sociology I and Sociology II TC	Intro to Sociology (10-809-196)	3 credits
Medical Terminology TC	Medical Terminology (10-501-101)	3 credits
Cabinet & Furniture Making TC	Layout & Sawing Operations (31-409-317)	2 credits
Intro to Engineering Design TC	Autodesk Inventor, Intro (10-606-139)	2 credits
Intro to Engineering Design TC	Sketching & the Design Process (10-606-151)	1 credit
GMAW Techniques 1	GMAW Techniques 1 (10-422-123)	2 credits
	Weld Print Reading (10-621-105)	1 credit
	Welding Symbols I (10-621-114)	1 credit
Metal Fabrication & Welding TC	Welding Metal Fab., Intro and Safety (10-621-105)	1 credit

DC Fundamentals TC	DC Circuits 1(10-660-110) and DC Circuits 2 (10-660-111)	2 credits
ECE: Foundations of ECE TC	ECE: Foundations of Early Childhood Educ. (10-307-120)	3 credits
ECE: Infant and Toddler Development TC	ECE: Infant and Toddler Development (10-307-151)	3 credits
ECE: Child Development TC	ECE: Child Development (10-307-179)	3 credits
ECE: Health, Safety & Nutrition TC	ECE: Health, Safety & Nutrition (10-307-167)	3 credits
Intro to Educational Practices TC	Intro to Educational Practices (10-522-103)	3 credits
Adv. Microsoft Office TC		
Written Communication	See course description for more information.	3 credits

Hortonville High School Class

Project Lead the Way

Intro to Engineering Design  
Principles of Engineering and Design  
Computer Integrated Manufacturing  
Engineering Design and Development  
(Capstone class)

<https://www.pltw.org/partners#college-and-university-partners>

Intro to Engineering Design  
Principles of Engineering  
Computer Integrated Manufacturing  
Engineering Design and Development

**U.W. - OSHKOSH COOPERATIVE ACADEMIC PARTNERSHIP PROGRAM (CAPP)**

**LAKELAND UNIV. CONCURRENT ACADEMIC PROGRESS PROGRAM (CAPP)**

Enrolling in the CAPP offers high school students a convenient and affordable way to earn high school credit and college credit at the same time (dual credit). There is a fee for these courses, and the tuition is based on the number of credit hours (credits) for the course. The rate can vary from year to year. Last year's rate was \$105 per credit. **Eligibility to enroll in UW-Oshkosh CAPP courses include being in the top 30 percentile of your class, and/or having a GPA of at least 2.75 on a 4-point scale.** For more information, please see the webpage <https://www.uwosh.edu/capp>.

Currently Hortonville High School is offering the following CAPP courses:

<u>Hortonville High School Course</u>	<u>UW-Oshkosh CAPP course</u>	<u>College credits</u>
Senior Studio	Elements of Studio Art 101	3 credits
Art History	Understanding the Arts 105	3 credits
CAPP Writing 101 (#0039)	Writing 101	3 credits
CAPP American Literature II (#0045)	214 American Literature II	3 credits
CAPP British Literature II (#0046)	212 British Literature	3 credits
CAPP Educ 110/ECE: Foundations of ECE	110 Educ. Policy: Truth & Myths	3 credits
Spanish 5/CAPP 204/AP (#0233)	204 Intermediate Structure and Expression II (Spanish)	5 credits
Spanish 6/CAPP 312 (#0235)	312 Advanced Spanish Grammar	5 credits
CAPP 105 The Active Lifestyle (#3021)	105 The Active Lifestyle	2 credits
CAPP 113 Weight Training I (#3022)	113 Weight Training I	1 credit
German 5 CAPP 204 (#0341)	204 Intermediate Structure and Expression II	5 credits
German 6 CAPP 304 (#0343)	304 Adv. Composition and Conversation II	5 Credits

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Student Readiness for Lakeland University CAPP courses:

Lakeland University has observed that students who have an overall unweighted GPA of 2.5 (on a 4.0 scale) or can demonstrate competency in the discipline of the dual credit course have proven to be successful. Tuition is \$90.00 per credit hour, so a 3-credit course's tuition would be \$270.00. For more information, please visit their website <https://lakeland.edu/concurrent-academic-progress-program>.

<u>Hortonville High School Course</u>	<u>Lakeland University CAPP course</u>	<u>College credits</u>
CAPP Accounting (#6039-6040)	206 Essentials of Financial Accounting	3 credits
CAPP Calculus (#2083)	MAT 231 Calculus 1	4 credits