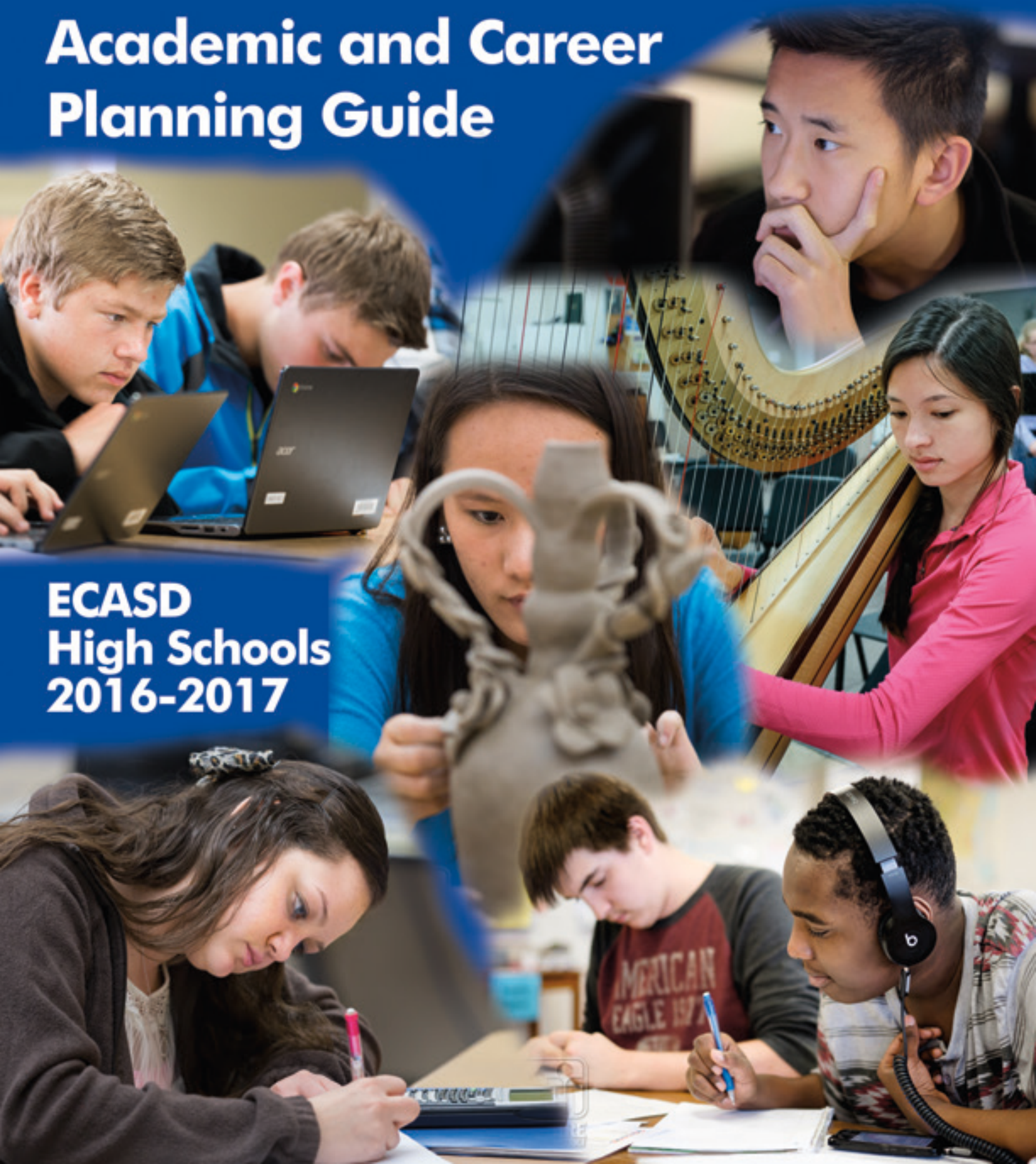




EAU CLAIRE
AREA SCHOOL DISTRICT

Academic and Career Planning Guide

**ECASD
High Schools
2016-2017**



making connections **AND** embracing diversity



Office of Multicultural Affairs Blugold Beginnings

715-836-3367 | OMA.staff@uwec.edu

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www.uwec.edu/multicultural

UW-Eau Claire has

17 Multicultural
Student
Organizations.

Blugolds pursuing their
passions and making
lifelong friends.

Come join us!

The Power of **AND**

University of Wisconsin
Eau Claire

The learning community offers **\$75,000** in Scholarships



EAU CLAIRE
AREA SCHOOL DISTRICT

2016-2017

ECASD High Schools

Academic and Career

Planning Guide for

Post-Secondary Success

ECASD VISION: "All children in the district are prepared for post-secondary success."

An electronic version of this Career and Planning Guide is available at:
[http://www.ecasd.us/District/Departments/Teaching-and-Learning/High-School-\(9-12\)](http://www.ecasd.us/District/Departments/Teaching-and-Learning/High-School-(9-12))

*If you would like language assistance to interpret these materials,
please call your child's school, or
715-852-3555.*

*Yog koj xav tau tsab ntawv nov txhais ua lus Hmoob, thov hu xov tooj
rau koj tus menyuum lub tsev kawm ntawv/715-852-3555.*

*Si Ud. le gustaría ayuda para interpretar el idioma de estos materiales,
por favor llame Ud. a la escuela de su hijo o hija, o 715-852-3555.*

Important Dates for Academic, College and Career Planning

8th Grade Preview Night

Primary Audience: Incoming freshmen and their families

- **Meet administrators, counselors and faculty**
- **Learn about the course selection process with a lens on college and career readiness**

North High School
Monday, January 11, 2016
6:00-7:30 p.m.
NHS Auditorium



Memorial High School
Tuesday, January 12, 2016
6:00-7:30 p.m.
MHS Auditorium



Current 8th Graders Register:

January 14, 2016 - Delong
January 15, 2016 - Northstar and South

Current 9th Graders Register:

Feb. 9, 2016 during English Class

Current 10th – 11th Graders Register:

February 9 - 15, 2016 online anytime
Skyward access open 24 hours

Youth Options Application Deadlines
(see pg. 8)

March 1, 2016
for Fall 2016 Semester

October 1, 2016
for Spring 2017 Semester

All applications should be submitted
to Student Services.

Table of Contents

Post-Secondary Handbook	
Welcome	4
Graduation Requirements and Plan for Post-Secondary Success	5
4-Year Planning Guide	6
Early College Options	
• Advanced Placement (AP)	8
• Youth Options	8
• Course Options	8
• Transcribed Credit - CVTC	9
• Advanced Standing – CVTC	9
• Advanced Standing – Art Institutes International – Minnesota	9
• Project Lead The Way	9
• Internships & Work-based Learning	10
Post-Secondary Planning Resources	11
• University of Wisconsin System	11
• University of Minnesota System	11
• Wisconsin Technical Colleges	12
• Wisconsin Private Colleges	12
General Information/Policies	
• Equal Educational Opportunities	13
• Drop/Add Policy	13
• Early Bird Classes	13
• Gifted Education	13
• Non-Discrimination Policy	14
• Online Learning	14
• Specialized Programs	14
Course Listing By Department	15
Course Descriptions by Department	
• Agriculture and Natural Resources	21
• Art	22
• Business, Marketing & Information Technology	25
• Family and Consumer Sciences	28
• Health	30
• Independent Programs – Library Assistant	31
• Internships & Work-Based Learning	32
• Language Arts	34
• Math	36
• Music	38
• Physical Education	42
• Science	45
• Social Studies	49
• Technology and Engineering	52
• World Languages	57

Welcome to the ECASD Academic and Career Planning Guide

Dear Students,

Your high school education is the foundation for your personal dreams and future careers. I encourage you to take advantage of the outstanding academic course offerings available at our district high schools. You have an opportunity to receive an education that will prepare you well for post-secondary success—make the most of it!

Remember that hard work and a positive attitude are the key ingredients to lifelong success, both personally and professionally. Your teachers, counselors and administrators are dedicated to helping you develop your talents. We believe in you, and we are committed to the goal that every student will graduate from high school with the skills necessary for post-secondary success—whether that means technical college, four-year college, military, adult apprenticeships, etc. As you select your courses for next year...envision a future of success!

Best wishes,

Dave Oldenberg, Principal
Memorial High School

David Valk, Principal
North High School

Administrators

Dave Oldenberg, Principal
Sue Steffes, Associate Principal
Kurt Madsen, Associate Principal
Trevor Kohlhepp, Associate Principal/
Athletic Director

Administrators

David Valk, Principal
Amy Zais, Associate Principal
Joe Eisenhuth, Associate Principal/
Athletic Director

Counselors

Travis Hedtke
John Samb
Michelle Moss
Jane Adler-Corning
Kris Terhark

A - Di
Do - I
J- Mo
Mr - Sn
So- Z

Counselors

Brian Woodie
Maureen Doughy
Dave Reidt
Nisa Giaquinto
Justine Hildebrandt

A - En
Eo-Kh
Ki-O
P-Sto
Str - Z

District Office Administrators

Dr. Mary Ann Hardebeck, Superintendent
Jim Schmitt, Executive Director of Teaching and Learning
Abby Johnson, Executive Director of Business Services
Kay Marks, Executive Director of Human Resources
Tim Leibham, Executive Director of Administration

Dave Oldenberg, Director of Academic Services
Sue Brown, Director of Food Services
Robyn Criego, Director of Special Education
Kaying Xiong, Director of Student Services
Larry Sommerfeld, Director of Buildings and Grounds
Michelle Radtke, Director of Assessment
James Martin, Director of Technology
Heidi White, Director of Early Learning

Graduation Requirements and Plan for Post-Secondary Success

ECASD Requirements For the Classes of 2017, 2018	
22 (minimum) total credits required in the following subject areas:	
English	4 Credits including: English 9 (1.0) English 10 (1.0) English 11 (1.0) English 12 (1.0)
Social Studies	3 Credits including: US History (0.5) World Studies (1.0) Civics (0.5) Econ (0.5) Psych or Soc. (0.5)
Science	3 Credits including: Earth Science(0.5) Life Science (1.0) Physical Science (1.0) Science (0.5)
Math	3 Credits
Physical Education	1.5 Credits including: PE—Level I (0.5) PE—Level II (0.5) PE—Level III (0.5)
Health	0.5 Credit
Electives/Courses from Program of Study Plan	7.0 Credits
Total Minimum Credits	22 Credits

ECASD Requirements For the Classes of 2019 and beyond	
23.5 (minimum) total credits required in the following subject areas:	
English	4 Credits including: English 9 (1.0) English 10 (1.0) English 11 (1.0) English 12 (1.0)
Social Studies	3 Credits including: US History (0.5) World Studies (1.0) Civics (0.5) Econ (0.5) Psych or Soc. (0.5)
Science	3 Credits including: Earth Science(0.5) Life Science (1.0) Physical Science (1.0) Science (0.5)
Math	3 Credits
Physical Education	1.5 Credits including: PE—Level I (0.5) PE—Level II (0.5) PE—Level III (0.5)
Health	0.5 Credit
Electives/Courses from Program of Study Plan	8.5 Credits
Total Minimum Credits	23.5 Credits

**Eau Claire Area School District
4 year plan**

ENGLISH 4.0 credits			
<i>Sequence of English courses by grade level and the courses that can be taken to fulfill the requirement.</i>			
ENGLISH 9	1.0	ENGLISH 10	1.0
<input type="checkbox"/> English 9 <input type="checkbox"/> Enriched English 9	<input type="checkbox"/> English 10 <input type="checkbox"/> Enriched English 10	<input type="checkbox"/> English 11 <input type="checkbox"/> AP Language and Composition <input type="checkbox"/> AP Literature and Composition	<input type="checkbox"/> English 12 <input type="checkbox"/> AP Language and Composition <input type="checkbox"/> AP Literature and Composition

MATH 3.0 credits			
<i>Complete a minimum of 3.0 credits of Math. For the class of 2020, the credits must be taken while a high school student. Courses are listed in sequence and require successful completion of the preceding course.</i>			
MATH 9	1.0	MATH 10	1.0
<input type="checkbox"/> Algebra <input type="checkbox"/> Geometry <input type="checkbox"/> Acc Geometry <input type="checkbox"/> Algebra 2/Trig <input type="checkbox"/> Acc Algebra 2/Trig	<input type="checkbox"/> Geometry <input type="checkbox"/> Acc Geometry <input type="checkbox"/> Algebra 2/Trig <input type="checkbox"/> Acc Algebra 2/Trig <input type="checkbox"/> Precalculus <input type="checkbox"/> Acc Precalculus	<input type="checkbox"/> Algebra 2/Trig <input type="checkbox"/> Acc Algebra 2/Trig <input type="checkbox"/> Precalculus <input type="checkbox"/> Acc Precalculus <input type="checkbox"/> AP Calculus AB <input type="checkbox"/> AP Calculus BC <input type="checkbox"/> AP Statistics <input type="checkbox"/> Digital Electronics	<input type="checkbox"/> Statistics (0.5) <input type="checkbox"/> Functions for College Math (0.5) <input type="checkbox"/> Precalculus <input type="checkbox"/> Acc Precalculus <input type="checkbox"/> AP Calculus AB <input type="checkbox"/> AP Calculus BC <input type="checkbox"/> AP Statistics <input type="checkbox"/> Digital Electronics

SCIENCE 3.0 credits			
<i>Complete a minimum of 3.0 credits of Science. For the class of 2020, the credits must be taken while a high school student. Refer to the Course Catalog for prerequisites and grade level requirements.</i>			
EARTH SCIENCE	0.5	LIFE SCIENCE	1.0
<input type="checkbox"/> Earth Science <input type="checkbox"/> Honors Earth Science	<input type="checkbox"/> Biology For students in the class of 2020 who took Biology in middle school: <input type="checkbox"/> AP Biology <input type="checkbox"/> Anatomy/Physiology <input type="checkbox"/> Botany <input type="checkbox"/> Biotechnology	<input type="checkbox"/> Astronomy/Geology (0.5) <input type="checkbox"/> Oceanography/Meteor. (0.5) <input type="checkbox"/> Chemistry in Comm <input type="checkbox"/> Chemistry <input type="checkbox"/> AP Chemistry <input type="checkbox"/> Physics <input type="checkbox"/> AP Physics <input type="checkbox"/> Environmental Sc A (0.5) <input type="checkbox"/> Environmental Sc B (0.5) <input type="checkbox"/> Princ of Engineering	<input type="checkbox"/> Any Science

SOCIAL STUDIES 3.0 credits									
<i>Social Studies credit requirements by grade level and courses that can be taken to fulfill the requirement.</i>									
SS 9	0.5	SS 10	1.0	SS 11	0.5	SS 12	0.5	SS 12	0.5
						Behavioral		Economics	
<input type="checkbox"/> US History		<input type="checkbox"/> World History		<input type="checkbox"/> Civics		<input type="checkbox"/> Psychology		<input type="checkbox"/> Economics	
<input type="checkbox"/> AP US History (1.0) (meets requirement; must be taken in grades 10-12)		<input type="checkbox"/> AP European History		<input type="checkbox"/> AP Government		<input type="checkbox"/> AP Psychology (1.0)		<input type="checkbox"/> AP Economics	
						<input type="checkbox"/> Sociology			

PHYSICAL EDUCATION 1.5 credits					
<i>Sequence and choices for each level.</i>					
PE LEVEL I	0.5	PE LEVEL II	0.5	PE LEVEL III	0.5
<input type="checkbox"/> PE I		<input type="checkbox"/> PE II Team		<input type="checkbox"/> PE III Team	
<input type="checkbox"/> PE 1 Early Bird		<input type="checkbox"/> PE II Individual		<input type="checkbox"/> PE III Individual	
		<input type="checkbox"/> PE II Early Bird		<input type="checkbox"/> PE III Early Bird	
				<input type="checkbox"/> Strength/Conditioning I	
				<input type="checkbox"/> WSI/LGT Early Bird	

HEALTH 0.5 credits
<input type="checkbox"/> Health

ELECTIVES			
GRADE 9	GRADE 10	GRADE 11	GRADE 12
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
TOTAL CREDITS 9 TH GRADE:	TOTAL CREDITS 10 TH GRADE:	TOTAL CREDITS 11 TH GRADE:	TOTAL CREDITS 12 TH GRADE:
Minimum of 6.0 required	Minimum of 6.0 required	Minimum of 5.0 required	Minimum of 5.0 required

TOTAL CREDITS EARNED _____

22 credits required to graduate for the classes of **2017** and **2018**

23.5 credits required to graduate for the classes of **2019 and beyond**

Dual Credit: College-Level Coursework

	Advanced Placement (AP)	Youth Options (YOP) (Off-site Concurrent Enrollment)	Course Options
DESCRIPTION	Exposure to college level coursework Good indication of college readiness	Take college level courses through a post-secondary institution http://youthoptions.dpi.wi.gov	Take up to two courses at a time at a post-secondary institution
LOCATION	Memorial High School North High School	WI Colleges or Technical Colleges	WI Colleges or Technical Colleges
TAUGHT BY	Eau Claire School District teachers	College professor	College professor
REQUIREMENTS	Most AP courses have prerequisites AP courses are independent of the AP exam You may take AP exams without taking the course if you feel you can prepare for the exam independently.	Juniors and Seniors Maximum of 18 credits Admission requirements set by post-secondary school Course must not be offered in ECASD Application deadline: October 1-fall semester course March 1- spring semester course	You must apply directly to the college/technical school Application deadlines: June 1-fall semester course November 1-spring semester course May 1- summer session course
GRADES & CREDIT OPPORTUNITY	Your grade is based on class performance. College credit is based on your score on the AP exam. Scores of 3 or above (1-5 scale) are considered passing; some colleges require a score of 4 or 5 for a direct credit transfer. AP Credits are considered “credits in escrow”; not guaranteed or “transcribed” until you are admitted to a post-secondary institution. Many AP courses transfer as elective credit. You will receive exam scores in July	Grades earned through the college awarding credit An official transcript from the post-secondary institution is sent to your high school then transferred to your official high school transcript in Skyward Earn 0.25 high school credit per 1.0 semester credit offered by the post-secondary course	Grades earned through the college awarding credit An official transcript from the post-secondary institution is sent to your high school then transferred to your official high school transcript in Skyward Earn 0.25 high school credit per 1.0 semester credit offered by the post-secondary course
COST	Cost for 2016 AP exams-\$92	Transportation is your responsibility ECASD pays for books and course credits provided you pass the course Your family is required to reimburse ECASD if you fail the class	UWEC: 50% cost of tuition paid by ECASD 50% of cost of tuition paid by your family CVTC: no family fee
COURSES	English Literature ▪ English Language and Composition ▪ Statistics ▪ Calculus AB ▪ Calculus BC ▪ Biology ▪ Chemistry ▪ Physics C: Mechanics ▪ Physics C:Electricity & Magnetism ▪ US History ▪ European History ▪ US Government & Politics ▪ Macroeconomics ▪ Psychology ▪ Studio Art-Drawing ▪ Music Theory	You cannot take Youth Options courses that are comparable to courses offered in ECASD	Determined by college prerequisites

	Transcribed Credit (TC)	Advanced Standing with Chippewa Valley Technical College (CVTC)	Project Lead The Way
DESCRIPTION	Agreement between ECASD and CVTC allowing you to earn “transcribed credits” (TC) for approved courses CVTC TC courses are actual CVTC courses, using college textbooks and materials Taught at the high schools by ECASD staff who are CVTC adjunct staff members	An opportunity to earn advanced standing transfer credits through articulated agreements with ECASD	National College pre-engineering program designed to provide an opportunity to apply math and science skills while exploring the broad field of engineering
LOCATION	Memorial High School North High School	Memorial High School North High School	Memorial High School North High School
TAUGHT BY	Eau Claire School District teachers	Eau Claire School District teachers	Eau Claire School District teachers
REQUIREMENTS	You will also register with CVTC at the start of the class to earn TC with CVTC	You will qualify to claim advanced standing credit at CVTC without paying additional fees by earning a final grade of a B or better Credits are claimed when you are admitted to CVTC after high school graduation	Classes are taught in sequence Some classes have prerequisites
GRADES & CREDIT OPPORTUNITY	College grades and credit are recorded on a CVTC transcript and are included in your collegiate GPA	High school credit only No collegiate grades are awarded so it does not affect your college GPA	Your grade is based on class performance Credit transfer is based on your score on the PLTW exam Credits are earned through Milwaukee School of Engineering Credits are transferrable to many institutions including University of Minnesota-Twin Cities, UW-Madison, UW-Platteville, and UW-Milwaukee May be computed as part of the your college GPA
COST	None	None	No cost for exam With a score of 7, 8, or 9 out of 9, you may pay \$65 per course for Milwaukee School of Engineering credit
COURSES	Accounting III Microsoft Office Suite Entrepreneurship Biotechnology Computer Hardware Personal Finance Parents and Children Careers with Children	Veterinary Science II Marketing II *Photography I and II - The Art Institutes International Minnesota	Introduction to Computer Science Digital Electronics Introduction to Engineering Design Civil Engineering & Architecture Principles of Engineering Computer Integrated Manufacturing Engineering Design & Development

ECASD Internship and Work-Based Learning Programs

Work-based learning opportunities are available for all students, grades 9-12. These opportunities include job shadows, mentor programs and more. You are highly encouraged to participate in at least one work-based learning opportunity during high school in order to explore a specific career cluster. Some work-based learning opportunities are posted on the "Your Future Chippewa Valley" website www.yourfuturechippewavalley.com.



The **Internship Program** combines work experience in an area business with technical and academic instruction at school. If you are interested in applying for an internship, make an appointment to meet with your School Counselor. If you are currently employed, you may meet with your counselor to determine whether developing this into an internship is possible. Some internship experiences are provided through the Wisconsin Department of Public Instruction Co-op Program or the Wisconsin Department of Workforce Development Youth Apprenticeship Program. These experiences emphasize a strong "hands-on" approach that links academic, employability, and industry specific skills. *Due to limited availability of work sites, not all applicants will be able to participate in the program.*

For more information see pages 31 & 32. You may also contact your School Counselor OR the Internship Coordinator at internships@ecasd.us.

If you choose to participate in programs requiring release from school (such as Youth Options, Internships, etc.) you may not be enrolled in courses at your high school during the internship release period(s). In order to receive credit for a course you must attend the course full time.



Post-Secondary Planning

Wisconsin and Minnesota Universities Entrance Requirements

English	4 Credits
Social Studies	3 Credits
Natural Science	3 Credits
Math	3 Credits (WI) Including: Algebra (1.0) Geometry (1.0) Algebra II (1.0) 4 Credits (MN)
World Language	Required: UW Madison, and Minnesota Universities-2 years of the same language Recommended by UW Madison: More than 2 years
Fine Arts	Required: Minnesota universities (1.0) credit of fine arts

Remaining coursework should be selected to support an Academic and Career Plan for post-secondary success.

Students are encouraged to select courses beyond the minimum. Students completing rigorous courses will be stronger candidates for college admission.

Wisconsin Technical College System

To apply for admission to an Associate Degree program or Diploma program, the applicant must have accomplished one of the following:

- graduation from high school;
- **or** completion of an accredited high school equivalency program;
- **or** completion of a GED or HSED.



Many technical college programs have additional requirements for admission. Some have specific course requirements; some require that the applicant achieve a “C” or better grade in those courses. Refer to the program listings in the course catalog for a description of admission requirements to specific programs or refer to program listings on the technical college web site at <http://www.witechcolleges.org> for the most current admission requirements.

Private College Admission Requirements

Wisconsin has 20 private colleges and universities. The Wisconsin Association of Independent Colleges and Universities (WAICU), supports these schools. Its mission is to provide access to higher education for every qualified student. The strongest candidates for admission have taken four years of English and three or more years of mathematics, natural science, and social science. Most students go beyond this minimum, taking advantage of AP, enriched, honors, and accelerated courses. Some private colleges may expect two or more years of a foreign or classical language. The greater the number of courses taken in the subjects listed above, the stronger the application. For specific admission requirements at Wisconsin Private Schools, please go to www.wisconsinmentor.org and click on “Select a School.” Students should refer to the particular website for any other private schools.



GENERAL INFORMATION

Equal Educational Opportunities

All ECASD programs and classes (including Career & Technical Education/Project Lead the Way/Transcripted Credit/Advanced Standing/Youth Options/Advanced Placement/Internships/Mentorships) are available to students regardless of their sex, race, religion, color, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability

Drop/Add Policy

Student schedules must be finalized before the beginning of the school year. Any course dropped after mid-quarter of first and third quarters will be recorded on the student transcript as **WF** (withdrew failing) and the grade of **F** will be included in the GPA.

Early Bird Classes

Early Bird classes meet before the buses arrive. Students must provide their own transportation, and should not register for any of these courses if they cannot meet this requirement. Early Bird classes may be offered for physical education and music.

Gifted Education

The Eau Claire Area School District provides for the special learning needs of students who exhibit giftedness in any of the following areas: general intellectual ability, specific academic ability, artistic ability (including art, music, and drama), leadership ability, creative ability.

Gifted education provides the following services: development of appropriate programming for students whose learning needs do not match the typical grade placement of school, assistance for classroom teachers in differentiating curriculum for students, assistance in planning job shadowing or mentor experiences, direct services to students (i.e., differentiated education plans). For further assistance, contact Pam Cernocky, Gifted Education Coordinator, at 715-852-3110 or giftededucation@ecasd.us.

Non-Discrimination Policy

The District encourages informal resolution of complaints concerning alleged discrimination. If any person believes that the Eau Claire Area School District or any part of the school organization has failed to follow the law and rules of §118.13, Wis. Stats., the Americans with Disabilities Act, Title IX, Title VI, or Section 504 or in some way discriminates against students on the basis of sex, race, religion, color, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional or learning disability he/she can bring or send a complaint to Kay Marks, Executive Director of Human Resources, 500 Main Street, Eau Claire, WI 54701. Ms. Marks can be contacted at 715-852-3051.

Online Learning

We have contracted with APEX Learning for online learning options. If you are interested in taking an online course contact your School Counselor for a list of available courses, as well as to determine whether an online course is right for you.

Specialized Programs

Special education services may be delivered in a general or special education environment; or a combination of these options. Individual Educational Plans (IEP) are designed to meet the student's educational needs with accommodations and/or modifications. Course selection decisions are made based on the student's IEP. Most special education courses parallel traditional core academic offerings, but some are significantly modified in content and focus. See your school counselor or IEP manager for more information. You may also contact the district Director of Special Education, Robyn Criego, at 715-852-3074 or rcriego@ecasd.us.

Students who speak a language other than English at home may qualify for English Language (EL) support. For additional information on EL services, you may contact the English Language teacher at your school. You may also contact district's bilingual helpline at 715-852-3555.



Course Listings by Department

Course #	Course Title	Credits	Page
Agriculture and Natural Resources	<i>Course Offerings begin on page 21</i>		
0102	Horticulture I	0.5	21
0106	Agriculture & Natural Resources Internship Classroom Component	1.0	21
0110	Small Animals	0.5	21
0112	Veterinary Science I	0.5	21
0114	Veterinary Science II	0.5	21
0116	Wildlife Management I	0.5	21
0118	Wildlife Management II	0.5	21
Art	<i>Course Offerings begin on page 22</i>		
0200	Combined Visual Arts	0.5	22
0202	Commercial Art I	0.5	22
0204	Commercial Art II	0.5	22
0206	Drawing I	0.5	22
0208	Drawing II	0.5	22
0210	Jewelry/Sculpture I	0.5	23
0212	Jewelry/Sculpture II	0.5	23
0214	Painting I	0.5	23
0216	Painting II	0.5	23
0218	Pottery/Sculpture I	0.5	23
0220	Pottery/Sculpture II	0.5	23
0226	Three-Dimensional Specialized Art I	0.5	23
0228	Three-Dimensional Specialized Art II	0.5	24
0236	AP Studio Art – Drawing	1.0	24
Business, Marketing & Information Technology	<i>Course Offerings begin on page 25</i>		
0300	Accounting I	0.5	25
0302	Accounting II	0.5	25
0303	Accounting III	0.5	25
0304	Microsoft Office Suite	0.5	25
0306	Digital Applications	0.5	25
0308	Yearbook I	1.0	25
0310	Yearbook II	1.0	26
0312	Desktop Publishing	0.5	26
0317	Preparation for College and Business Communications	1.0	26
0318	Entrepreneurship	0.5	26
0320	Keyboarding Applications	0.5	26
0322	Marketing I	1.0	26
0324	Marketing II	1.0	26
0328	Personal Finance	0.5	27
0330	Personal Law	0.5	27

Course #	Course Title	Credits	Page
0332	Web Design Applications I	0.5	27
0334	Web Design Applications II	0.5	27
0336	Business Internship Classroom Component	1.0	27
Family and Consumer Sciences	<i>Course Offerings begin on page 28</i>		
0400	Health Science Occupations	0.5	28
0416	Culinary Arts I	0.5	28
0418	Culinary Arts II	0.5	28
0430	World Cuisines	0.5	28
0432	Food Science	0.5	28
0420	Financial Fitness	0.5	28
0422	Families First	0.5	28
0424	Parents and Children	0.5	28
0426	Careers with Children (ACCT)	0.5	29
0428	Fashion & Interior Design	0.5	29
0406	Family and Consumer Sciences Internship – Classroom Component	1.0	29
Health	<i>Course Offerings begin on page 30</i>		
1000	Health 9	0.5	30
1004	Wellness in the 21 st Century	0.5	30
Independent Programs	<i>Course Offerings begin on page 31</i>		
1700	Library Assistant	0.5	31
Internship Program	<i>Course Offerings begin on page 32</i>		
<i>Application Required</i>	Agriculture and Natural Resources Internship	1.0	32
<i>Application Required</i>	Automotive (Transportation) Internship	1.0	32
<i>Application Required</i>	Business Internship	1.0	32
<i>Application Required</i>	Drafting and Design: Engineering (STEM) Internship	1.0	32
<i>Application Required</i>	Family and Consumer Sciences Internship	1.0	32
<i>Application Required</i>	Finance Internship	1.0	32
<i>Application Required</i>	Graphic Arts – Printing Internship	1.0	32
<i>Application Required</i>	Health Internship	1.0	33
<i>Application Required</i>	Hospitality & Tourism Internship	1.0	33
<i>Application Required</i>	Information Technology: Computer Science Internship	1.0	33

Course #	Course Title	Credits	Page
<i>Application Required</i>	Marketing Internship	1.0	33
<i>Application Required</i>	Technology Education/Construction Internship	0.5 or 1.0	33
Language Arts	<i>Course Offerings begin on page 34</i>		
0600	English 9	1.0	34
0602	Enriched English 9	1.0	34
0604	English 10	1.0	34
0606	Enriched English 10	1.0	34
0608	English 11	1.0	34
0614	English 12	1.0	34
0616	AP English – Language & Composition (Grade 11-12 Enrichment)	1.0	34
0618	AP English – Literature & Composition (Grade 11-12 Enrichment)	1.0	34
0619	Grammar and Usage	0.5	35
0620	Journalism I	1.0	35
0622	Journalism II	1.0	35
0626	Writing With Style	0.5	35
0628	Theatre I	0.5	35
0630	Theatre II	0.5	35
Math	<i>Course Offerings begin on page 36</i>		
0700	Algebra I	1.0	36
0708	Geometry	1.0	36
0709	Accelerated Geometry	1.0	36
0716	Algebra II & Trigonometry	1.0	36
0717	Accelerated Algebra II & Trigonometry	1.0	36
0720	Statistics	0.5	36
0721	Functions for College Math	0.5	36
0722	Precalculus	1.0	37
0723	Accelerated Precalculus	1.0	37
0724	AP Statistics	1.0	37
0726	AP Calculus AB	1.0	37
0728	AP Calculus BC	1.0	37
1312	Digital Electronics (DE)	1.0	37
Music	<i>Course Offerings begin on page 38</i>		
0800	Entry Level Concert Band: White & Purple Bands (Memorial) Entry Level Concert Band: Band 9 (North)	1.0	38
0802	Intermediate Level Concert Band: Eagle Band (Memorial) Intermediate Level Concert Band: Husky Band (North)	1.0	38
0804	Advanced Level Concert Band: Concert Band (Memorial) Intermediate/Advanced Level Concert Band: Varsity Band (North)	1.0	38
0806	Advanced Level Concert Band: Old Abe Wind Ensemble (Memorial)	1.0	38

Course #	Course Title	Credits	Page
	Advanced Level Concert Band: Wind Ensemble (North)		
0807	Entry Level Jazz: Jazz II (North)	1.0	38
0808	Entry Level Jazz: Jazz III (Memorial)	0.5	38
0810	Intermediate Level Jazz: Jazz II (Memorial)	0.5	39
0812	Advanced Level Jazz: Jazz I	1.0	39
0814	Concert Orchestra	1.0	39
0816	Entry Level Orchestra (Memorial)	0.5	39
0818	Advanced Level Symphony Orchestra	1.0	39
0820	Entry Level Choir: Treble Choir (Memorial) Entry Level Choir: Freshman Women's Choir (North)	1.0	40
0821	Entry Level Choir: Men's Choir (North)	1.0	40
0822	Intermediate Level Choir: Mixed Choir (Memorial)	1.0	40
0824	Upper Level Choir: Concert Choir	1.0 MHS 0.5 NHS	40
0826	Intermediate Level Show Choir: Eagle Show Choir (Memorial)	0.5 MHS	40
0827	Intermediate Level Treble Choir: North Singers (North)	1.0	40
0828	Advanced Show Choir: Old Abe Show Choir (Memorial) Advanced Show Choir: Northernaires (North)	0.5 MHS 0.5 NHS	41
0829	Advanced Chamber Choir (North)	1.0 NHS	41
0830	Advanced Vocal Jazz: Madrigals (Memorial)	0.5 MHS	41
0836	AP Music Theory	1.0	41

Physical Education	Course Offerings begin on page 42		
0900	Level 1 Physical Education	0.5	42
0902	Level 2 Physical Education (Team Pursuits)	0.5	42
0903	Level 2 Physical Education (Individual Pursuits)	0.5	42
0910	Early Bird WSI/LGT	0.5	42
0912	Level 1 Early Bird	0.5	42
0914	Level 2 Early Bird	0.5	42
0916	Level 3 Early Bird	0.5	43
0918	Level 3 Physical Education: Team Sports	0.5	43
0920	Level 3 Physical Education: Individual/Dual Sports	0.5	43
0922	Level 3 Physical Education Recreational Sports (Memorial only)	0.5	43
0924	Level 3 Strength and Conditioning I	0.5	43
0926	Level 3 Strength and Conditioning II	0.5	43
0928	Level 4 Strength and Conditioning III (North only)	0.5	44
0906	Senior Physical Education (North only)	0.5	44
Science	Course Offerings begin on page 45		
1100	Earth Science	0.5	45
1102	Honors Earth Science	0.5	45
1104	Astronomy/Geology	0.5	45
1106	Biology	1.0	45
1112	Chemistry in the Community (Chem Com)	1.0	45

1114	Chemistry	1.0	46
1118	Oceanography/Meteorology	0.5	46
1120	Physics	1.0	46
1126	AP Biology	1.0	46
1128	Biotechnology	0.5	46
1130	Botany	0.5	47
1134	AP Chemistry	1.0	47
1136	Environmental Science A	0.5	47
1138	Environmental Science B	0.5	47
1140	Human Anatomy and Physiology	0.5	47
1142	AP Physics C: Mechanics	1.0	48
1144	AP Physics C: Electricity & Magnetism	1.0	48
1324	Principles of Engineering (POE)	1.0	48
Social Studies	Course Offerings begin on page 49		
1200	United States History	0.5	49
1202	AP United States History	1.0	49
1204	World Studies	1.0	49
1206	AP European History	1.0	49
1208	Civics and Public Life	0.5	49
1210	AP United States Government and Politics	0.5	49
1214	Principles of Economics	0.5	50
1216	AP Macroeconomics	0.5	50
1218	Psychology	0.5	50
1220	AP Psychology	1.0	50
1222	Sociology/Social Issues	0.5	50
1226	Ancient and Medieval History	0.5	50
1228	Criminal Justice	0.5	50
1230	Directed Studies: Comparative Political Systems: The Isms	0.5	50
1232	Philosophy A	0.5	51
1234	Philosophy B	0.5	51
1236	Anthropology	0.5	51
1238	The Middle East – Land of Conflict	0.5	51
1240	The Vietnam War	0.5	51
1242	Tolerance & Diversity in America	0.5	51
Technology & Engineering	Course Offerings begin on page 52		
1306	Entertainment Technology	1.0	52
1308	Aviation	0.5	52
1310	Introduction to Electricity and Wiring	0.5	52
1312	Digital Electronics (DE)	1.0	52
1318	Introduction to Engineering Design (IED)	1.0	52
1320	Civil Engineering and Architecture (CEA)	1.0	52
1322	Pre-Engineering (Computer Aided Drafting)	1.0	52
1324	Principles of Engineering (POE)	1.0	53
1326	Computer Integrated Manufacturing (CIM)	1.0	53
1328	Photography I	1.0	53
1330	Photography II	1.0	53
1332	Printing Graphics I	1.0	53

1334	Printing Graphics II	1.0	53
1341	Metals/Welding I	1.0	54
1342	Metals/Welding II	1.0	54
1346	Woodworking I	1.0	54
1348	Woodworking II	1.0	54
1349	Construction I	1.0	54
1350	Construction II	1.0	54
1352	Recreational Small Engines	0.5	54
1354	Vehicle Care	0.5	54
1356	Automotive Mechanics I	1.0	55
1358	Automotive Mechanics II	1.0	55
1360	Engineering Design and Development (EDD)	1.0	55
1370	Computer Hardware	0.5	55
1378	Cartoon Animation	0.5	55
1382	Video Game Development	1.0	55
1384	Introduction to Computer Science (ICS)	0.5	56
World Languages	<i>Course Offerings begin on page 57</i>		
0500	French I	1.0	57
0502	French II	1.0	57
0504	French III	1.0	57
0506	French IV	1.0	57
0508	French V	1.0	57
0510	German I	1.0	57
0512	German II	1.0	57
0514	German III	1.0	58
0516	German IV	1.0	58
0518	German V	1.0	58
0520	Japanese I	1.0	58
0522	Japanese II	1.0	58
0524	Japanese III	1.0	58
0526	Japanese IV	1.0	58
0528	Spanish I	1.0	59
0530	Spanish II	1.0	59
0532	Spanish III	1.0	59
0534	Spanish IV	1.0	59
0536	Spanish V	1.0	59
0538	American Sign Language I	1.0	59
0540	American Sign Language II	1.0	59

Agriculture and Natural Resources

0102 **Horticulture I** Semester Credit: 0.5 Grades 9-12 Elective

Explore the impact of plants on the environment. In a hands-on lab, utilize propagation and growth techniques of plants including the Wisconsin Fast Plants. Study plant physiology, nutrients, diseases and pests. Understand the important role of soil and soilless media for plant growth. Learn about floral design, the flower industry, and other plant-related careers in the Chippewa Valley.

0106 **Agriculture and Natural Resources Internship Classroom Component** Year Credit: 1.0 Grade 12 Elective

Develop leadership skills for a career in agriculture, science, or natural resources, including communication skills, stress management, meeting protocol, time management, goal-setting and team-building. Participate in local, district, state, and national FFA activities.

Advanced Standing with the Wisconsin Technical Colleges. See Chart on page 9.

0110 **Small Animals** Semester Credit: 0.5 Grades 9-12 Elective

Pursue the world of pets! Dogs, cats, fish, birds, hamsters, rabbits and more! Explore breeds, daily care, grooming, health, nutrition, and the breeding of pets. Expand your knowledge of pets, the pet-care industry and responsible pet ownership.

0112 **Veterinary Science I** Semester Credit: 0.5 Grades 10-12 Elective

An introduction to animals and animal-related careers. Study growth and development, anatomy and physiology, care, nutrition and genetics. Learn about animal-related professions, including veterinarians, veterinary technicians, and animal research scientists.

0114 **Veterinary Science II** Semester Credit: 0.5 Grades 10-12 Elective

Prerequisite: Veterinary Science I

Explore animal behavior, reproduction, disease and healthcare. Understand the current issues in veterinary medicine while interacting with guest speakers from the industry.

Advanced Standing with CVTC. See Chart on page 9.



0116 **Wildlife Management I** Semester Credit: 0.5 Grades 9-12 Elective

Through an appreciation of the outdoors and an emphasis on Wisconsin wildlife, study the conservation of game and non-game animals. Learn about animal ecology, identification, habitat, and management principles. Experiment with taxidermy and enjoy guest speakers.

0118 **Wildlife Management II** Semester Credit: 0.5 Grades 10-12 Elective

Prerequisite: Wildlife Management I

A deeper study of large game and prairie animals, including wildlife observation. Aquaculture, the raising of fish, will be a special emphasis. Gain the knowledge and skill necessary in the production of fish for food, stocking, baiting, and for-fee fishing in an aquaculture lab. Understand how a successful aquaculture operation combines science and business to become Wisconsin's most rapidly growing food industry.

Agriculture and Natural Resources Internship available. See pages 31-32.

- Small Animals
- Veterinary Science I & II
- Wildlife Management I & II
- Agriculture & Natural Resources Internship Classroom Component

Art

0200 **Combined Visual Arts** Semester Credit: 0.5 Grades 9-12 Elective

Discover your artistic talent! Whether you are a novice or an experienced art student, explore a variety of art forms, including drawing, painting, design, sculpture, and jewelry.

You may be charged a minimal fee for additional projects based on the materials you choose.

0202 **Commercial Art I** Semester Credit: 0.5 Grades 9-12 Elective

Apply art to the commercial world of CD covers, promotional posters, logos, caricatures, and more! Acquire experience in layout, illustration, creative lettering design and advertising concepts using a variety of media including computer software.

You may be charged a minimal fee for additional projects based on the materials you choose.

0204 **Commercial Art II** Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Commercial Art I

Pursue advanced techniques in layout, illustration, and graphic design. Projects may include t-shirt designs, book jackets, and more.

You may be charged a minimal fee for additional projects based on the materials you choose.

0206 **Drawing I** Semester Credit: 0.5 Grades 9-12 Elective

Learn the foundations of drawing and design while establishing an excellent base for all other art courses! Practice still life drawing, portraiture, figure drawing and abstraction using pencil, colored pencil, charcoal, ink and pastels while focusing on composition and creative problem solving.

You may be charged a minimal fee for additional projects based on the materials you choose.

0208 **Drawing II** Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Drawing I

Build on your skill and experience in observational drawing, including traditional still life objects and the human figure, while applying experimental and abstract approaches to your work. Ink washes, oil, crayon, and chalk are some of the additional drawing media you will use to create your masterpieces!

You may be charged a minimal fee for additional projects based on the materials you choose.



Art

0210 **Jewelry/Sculpture I** Semester Credit: 0.5 Grades 9-12 Elective

Create original jewelry and sculpture! Design jewelry using sterling silver, brass, and nickel silver. Craft sculptures from wood, soapstone, plaster and papier-mache. You may be charged a minimal fee for additional projects based on the materials you choose.

0212 **Jewelry/Sculpture II** Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Jewelry/Sculpture I

Produce quality original jewelry and sculpture while focusing on superior design. Develop the advanced jewelry techniques of lost-wax casting and setting stones. Create sculpture exploring advanced materials. You may be charged a minimal fee for additional projects based on the materials you choose.

0214 **Painting I** Semester Credit: 0.5 Grades 9-12 Elective

Experiment with tempera paint, acrylic paint and watercolor while exploring painting and composition. Build on ideas from life drawing, still-life, nature and more. You may be charged a minimal fee for additional projects based on the materials you choose.

0216 **Painting II** Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Painting I

Experience more in-depth watercolor and acrylic painting styles. Learn to build frames and stretch canvas. Improve your self-expression through painting while working with mixed media painting techniques. You may be charged a minimal fee for additional projects based on the materials you choose.

0218 **Pottery/Sculpture I** Semester Credit: 0.5 Grades 9-12 Elective

Produce pottery and sculpture while learning to "throw" on the potter's wheel. Practice a variety of hand-building techniques using clay, plaster, papier-mache, wire, wood and more to create three-dimensional works of art. You may be charged a minimal fee for additional projects based on the materials you choose.

0220 **Pottery/Sculpture II** Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Pottery/Sculpture I

Focus on quality and design in this more in-depth study of pottery and sculpture. Develop more advanced techniques of hand building, wheel throwing, and sculpture using a wide range of advanced sculptural materials. You may be charged a minimal fee for additional projects based on the materials you choose.

0226 **Three-Dimensional Specialized Art I** Semester Credit: 0.5 Grades 11-12 Elective

Prerequisite: Jewelry/Sculpture I and II, Pottery/Sculpture I and II, and one other high school art course

As a highly motivated and experienced art student, you will create advanced three-dimensional original work in this self-directed course. Display and present your art work at the end of the course. You may be charged a minimal fee for additional projects based on the materials you choose.

Art

0228 **Three-Dimensional Specialized Art II** Semester Credit: 0.5 Grades 11-12 Elective

Prerequisite: Three-Dimensional Specialized Art I

An opportunity to continue developing your advanced techniques as an experienced, self-directed artist. You may be charged a minimal fee for additional projects based on the materials you choose.

0236 **Advanced Placement Studio Art: Drawing** Year Credit: 1.0 Grades 10-12 Elective

Prerequisites: Drawing I, Painting I

Explore drawing issues including line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making through a variety of means, such as painting, printmaking or mixed media. Develop technical skills and familiarize yourself with the functions of visual elements as you create an individual portfolio of work for evaluation at the end of the course.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.



Business, Marketing, & Information Technology

0300 **Accounting I** Semester Credit: 0.5 Grades 10-12 Elective

Discover the value of accounting with this introduction to the financial language of sole proprietorships, partnerships, and personal bookkeeping. Whether you plan to pursue business/marketing as a career or you want to gain knowledge for its practical value in your life, a foundation in accounting is a must!

0302 **Accounting II** Semester Credit: 0.5 Grades 10-12 Elective

Prerequisite: Accounting I

Expand your accounting knowledge whether you are planning a business career, pursuing a business-related degree, or for personal benefit. Interact with guest speakers, and acquire hands-on experience with computerized accounting and Excel spreadsheets. A college accounting textbook is used in this course to prepare you for business courses at the post-secondary level.

0303 **Accounting III** Semester Credit: 0.5 Grades 11-12 Elective

Prerequisite: Accounting II

Develop a more in-depth understanding of the fundamental and theoretical concepts of college-level accounting as it relates to income, financial firms, and corporate accounting. Improve your Excel spreadsheet skills with hands-on activities.

Transcripted Credit with CVTC. See chart on page 9.



0304 **Microsoft Office Suite** Semester Credit: 0.5 Grades 9-12 Elective

Equip yourself with essential computer software skills to assist you through high school and beyond! Prepare for real world demands by developing technological proficiency in Windows, and Microsoft Office Excel, Word, Powerpoint, and Access.

Transcripted Credit with CVTC. See chart on page 9.



0306 **Digital Applications** Semester Credit: 0.5 Grades 10-12 Elective

Make social networking productive! Use Facebook and Twitter in collaborative projects and interactive learning with classmates. Develop advanced social media skills using Microsoft Office Suite. Understand the importance of digital ethics and internet safety in this electronic world.

0308 **Yearbook I** Year Credit: 1.0 Grades 9-12 Elective

Learn to create the hard copy and the video that will record your high school memories forever using desktop publishing software, digital photographs and contemporary design techniques. Take photos and enhance your Adobe InDesign and Adobe Photoshop skills. Then publish, sell, and distribute the yearbook!



Business, Marketing, & Information Technology

0310 **Yearbook II** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: Yearbook I

Enhance the skills you developed in Yearbook I and take more responsibility for publishing, selling, and distributing your high school yearbook!

0312 **Desktop Publishing** Semester Credit: 0.5 Grades 9-12 Elective

An introduction to graphic design techniques that will not only benefit you, but also make you an asset to any organization. Learn page layout and design, as well as desktop publishing terminology and application. Use Adobe Photoshop and Illustrator. Create fliers, brochures, newsletters and more.

0317 **Preparation for College and Business Communications** Year Credit: 1.0 Grades 11-12 Elective

Be post-secondary ready by developing successful communication skills! Practice grammar, writing, small group cooperation, presentations and analytical reading. Use technology to enhance your communication skills.

0318 **Entrepreneurship** Semester Credit: 0.5 Grades 9-12 Elective

Imagine your own business! Develop a simple business plan and run your own business while learning the foundations of marketing, finance, and management.

Transcripted Credit with CVTC. See chart on page 9.



0320 **Keyboarding Applications** Semester Credit: 0.5 Grades 9-12 Elective

Meet the demands of high school, college, and the workplace! Improve your keyboarding speed and accuracy using Microsoft Word, Excel, and Powerpoint.

0322 **Marketing I** Year Credit: 1.0 Grades 11-12 Elective

Learn how a business promotes, manages, merchandises, buys, sells, and distributes its product. Classroom activities will get you involved in discussions, field trips, group projects, and the school store. DECA activities include labs, conferences, trips, social events, and workshops. Explore the many careers in marketing.

0324 **Marketing II** Year Credit: 1.0 Grade 12 Elective

Prerequisite: Marketing

Manage and merchandise the school store! Experience career planning, management decision-making, critical thinking, and entrepreneurship. Analyze today's marketing world through current publications, guest speakers, conferences and classroom activities. Take a leadership role in running the DECA chapter by getting involved throughout the region. Continue your exploration of marketing careers.

Advanced Standing with CVTC. See chart on page 9.



Business, Marketing, & Information Technology

0328 **Personal Finance** Semester Credit: 0.5 Grades 10-12 Elective

A recent graduate says "every kid should take this course!" Learn the lifetime skill of money management! Create a budget. Use a checkbook. Manage a savings account. Complete tax forms. Apply for a loan. Insure your car. Participate in the Real Life Academy sponsored by the Eau Claire Area Chamber of Commerce. *Transcripted Credit with CVTC. See chart on page 9.*



0330 **Personal Law** Semester Credit: 0.5 Grades 11-12 Elective

Laws affect you at home, in school, in the community, on the internet, with your money and your employment. Apply legal principles and practices to your everyday life! Learn how laws are developed and enforced. Understand your legal rights.

0332 **Web Design Applications I** Semester Credit: 0.5 Grades 9-12 Elective

Design and create Web pages! Learn valuable design principles using Adobe Photoshop, Dreamweaver, and Flash in this hands-on introductory class.

0334 **Web Design Applications II** Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Web Design Applications I

Enhance and develop your web design proficiency using Adobe Photoshop, Dreamweaver, and Flash.

0336 **Business Internship Classroom Component** Year Credit: 1.0 Grade 12 Elective

Work toward achieving certification in the Department of Public Instruction's Cooperative Skill Standards Certificate Program. Create a professional portfolio and job manual, develop technology skills, discuss workplace topics, explore international business, and interact with guest speakers.

Business, Marketing & Information Technology Internships available in the areas below. See pages 31-32.

- Business
- Finance
- Hospitality and Tourism
- Marketing



Family and Consumer Sciences

0400 Health Science Occupations Semester Credit: 0.5 Grades 9-12 Elective

Investigate over 200 careers in the health industry! Explore your health-related career interests in the classroom and through job-shadowing experiences.

0416 Culinary Arts I Semester Credit: 0.5 Grades 9-12 Elective

Develop your culinary and management skills in a professional, commercial laboratory setting. Apply the principles of food preparation in a hands-on setting. Learn the importance of teamwork, work ethic, safety and sanitation. Understand food service management costing using business math concepts. Pursue an opportunity for ServSafe certification and earn ProStart credit toward a culinary or hospitality career.

0418 Culinary Arts II Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Culinary Arts I

Enhance your culinary and management skills! Apply the principles of food preparation to more complex foods and meals in a professional, commercial laboratory. Pursue an opportunity for ServSafe certification and earn ProStart credit toward a culinary or hospitality career.

0430 World Cuisines Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Culinary Arts I

Explore the important role of cuisine in understanding cultures around the world. Understand how a population's food habits are influenced by its environment. Experience the cuisines, cookery principles and standards from around the world.

0432 Food Science Semester Credit: 0.5 Grades 10-12 Elective

Prerequisite: Culinary Arts I

Experiment in basic food science. Conduct food lab experiments and apply scientific principles to food products in various stages.

0420 Financial Fitness Semester Credit: 0.5 Grades 9-12 Elective

Learn how to earn, save and spend money in order to live on your own. Explore your options and learn to make informed decisions in everything from housing to transportation. Know your rights and responsibilities as a consumer. Guest speakers, field trips and lab experiences will empower you toward successful independent living.

0422 Families First Semester Credit: 0.5 Grades 9-12 Elective

You impact society as an individual and as a member of your family. Discover how to be a strong member of your current family as well as your future family by learning how families work together; understanding coping skills; and balancing the demands of family, school and work.

0424 Parents and Children Semester Credit: 0.5 Grades 9-12 Elective

The parent-child relationship is complex. Understand the responsibilities and personal interactions between adults and children. Learn the key concepts of a positive adult-child relationship. Discover the importance of this relationship as you consider future careers, or for your own personal growth

Transcribed Credit with CVTC. See chart on page 9.

Family and Consumer Sciences

0426 **Careers with Children** Semester Credit: 0.5 Grades 11-12 Elective

*Prerequisite: Parents and Children (Course #0424).
You must turn 17 before or during the course.*

Increase your knowledge and skill in child development as you begin a career working with young children. Become a certified Child Care Assistant at age 17 by learning to provide quality child care, earning CPR and First Aid certification, and completing 10 hours of job shadowing at a community child care facility.

Earn Dual credit at Wisconsin Technical Colleges and in UW-Stout's Early Education degree.

Transcribed Credit with CVTC. See chart on page 9.



0428 **Fashion & Interior Design** Semester Credit: 0.5 Grades 9-12 Elective

Enter the world of fashion and interior design! Create a variety of projects applying the principles of design. Explore careers, technology, and design-related skills.

0406 **Family and Consumer Sciences Internship - Classroom Component** Year Credit: 1.0 Grade 12 Elective

Advance your employability and develop leadership skills in careers, communities and families.

Students in this course may become members of FCCLA (Family, Career, and Community Leaders of America) a national vocational youth organization. Students attend class one hour per day and then may select one of four work experience options from FACS Internship Work Component.

Family and Consumer Sciences Internships available in the areas below. See pages 31-32.

- Family and Consumer Sciences
- Health
- Hospitality and Tourism



Health

1000 **Health 9**

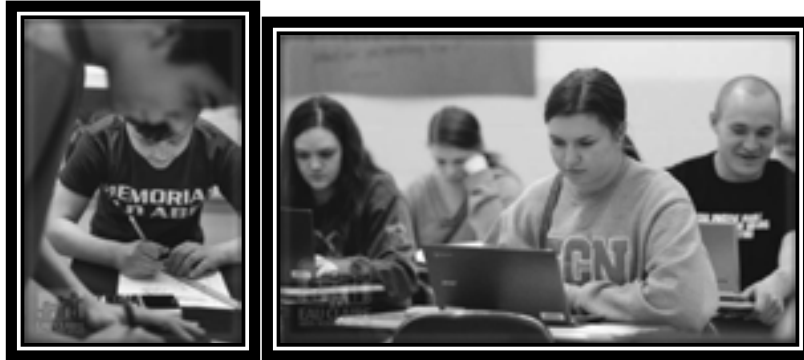
Semester Credit: 0.5 Grade 9 Required

Understand the importance of physical, emotional, social and mental wellness. Learn how to think critically while making decisions that will affect your life today and in the future.

1004 **Wellness in The 21st Century**

Semester Credit: 0.5 Grades 11-12 Elective

Explore current health and wellness trends. Analyze the positive and negative consequences of your lifestyle.



Independent Programs

1700 **Library Assistant**

Semester Credit: 0.5 Grades 10-12 Elective

Learn practical skills while working in the school library. Computer literacy as well as good verbal and written communication skills are required. If you are a responsible, independent worker with exceptional organization skills, register for this position!



Internships and Work-Based Learning Programs

Internships At-A-Glance

- Students in grades 11-12
- State certified programs
- 1-2 year commitment required (typically 8-12 hours/week)
- Paid employment throughout the school year and summer
- Earn high school credit
- Participation in employability skills training

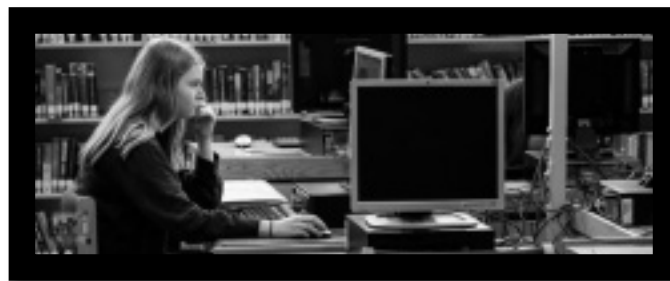
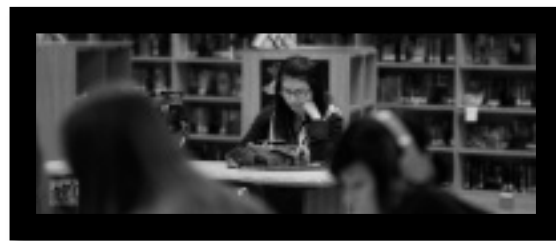
If you are interested in applying for an internship, make an appointment to meet with your School Counselor or contact the internship coordinator at internships@ecasd.us.

The Eau Claire Area School District does not discriminate on the basis of sex, race, color, religion, creed, age, national origin, ancestry, pregnancy, marital status or parental status, sexual orientation or disability.

Availability of internship opportunities for students is dependent on the number of businesses in the community willing to partner with the school district.

INTERNSHIP PROGRAM	RELATED COURSES: Taken prior to or concurrently. Other courses may be substituted.
Agriculture & Natural Resources GRADE: 12 1 credit /year	<ul style="list-style-type: none"> • Small Animals • Veterinary Science I, II • Wildlife Management I, II • Agriculture & Natural Resources Internship Classroom Component
Automotive (Transportation) GRADE: 11, 12 1 credit /year	<ul style="list-style-type: none"> • Recreational Small Engines • Vehicle Care • Automotive Mechanics I • Automotive Mechanics II
Business 12 & Information Technology GRADE: 11, 12 1 credit /year	<ul style="list-style-type: none"> • Entrepreneurship • Microsoft Office Suite • Digital Applications • Accounting I, II, III • Business Internship Classroom Component
Drafting/Design: Engineering (STEM) GRADE: 11, 12 1 credit /year	<ul style="list-style-type: none"> • Pre-Engineering (CAD) • Introduction to Computer Science (ICS) • Civil Engineering and Architecture • Introduction to Engineering Design (IED) • Principles of Engineering (POE)
Family & Consumer Sciences GRADE: 12 1 credit /year	<ul style="list-style-type: none"> • Culinary I & II • Food Science • Family & Consumer Sciences Internship Classroom Component
Finance GRADE: 11, 12 1 credit /year	<ul style="list-style-type: none"> • Personal Finance • Entrepreneurship • Accounting I, II, III • Business Internship Classroom Component • Marketing I • Marketing II
Graphic Design/Printing GRADE: 11, 12 1 credit /year	<ul style="list-style-type: none"> • Printing Graphics I, II • Desktop Publishing

INTERNSHIP PROGRAM		RELATED COURSES: Taken prior to or concurrently. Other courses may be substituted.
Health GRADE: 12	1 credit /year	<ul style="list-style-type: none"> • PREREQUISITE: Basic Nursing Assistant and CAN license (taken at CVTC through Youth Options) • Health Science Occupations • Medical Terminology (taken at CVTC through Youth Options)
Hospitality, Lodging & Tourism GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Entrepreneurship • Marketing I • Marketing II • Culinary I, II
Information Technology: Computer Science GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Web Design Applications I, II • Accounting I • Microsoft Office Suite
Marketing GRADE: 12	1 credit /year	<ul style="list-style-type: none"> • Entrepreneurship • Marketing II
Technology/Construction GRADE: 12	1 credit /year	Construction I, II



Language Arts

0600	English 9	Year	Credit: 1.0	Grade 9	Fulfills Requirement
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Explore literary genres and classics. Use the writing process to produce stories, descriptions, essays and poems. Develop speaking and listening skills.

0602	Enriched English 9	Year	Credit: 1.0	Grade 9	Fulfills Requirement
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Take this course if you are motivated to improve your language arts' skills and have a genuine interest in literature, language, writing and literary analysis. Expand your opportunity to read and write extensively.

0604	English 10	Year	Credit: 1.0	Grade 10	Fulfills Requirement
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Study novels, plays, poetry, short stories, and non-fiction while utilizing your communication skills, especially writing.

0606	Enriched English 10	Year	Credit: 1.0	Grade 10	Fulfills Requirement
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Motivated English students will actively participate in learning and stretch beyond the baseline course requirements. Consult your current English teacher if you question whether this course is right for you.

0608	English 11	Year	Credit: 1.0	Grade 11	Fulfills Requirement
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Engage in the close reading of fiction and non-fiction, conduct research using a variety of sources, write for multiple purposes, and improve your speaking and listening skills.

0614	English 12	Year	Credit: 1.0	Grade 12	Fulfills Requirement
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Prepare for post-secondary opportunities and acquire important 21st Century Skills as you build toward a culminating Capstone project, which is required for completion of this course. The Capstone project incorporates all of the language arts: reading, writing, media, research, speaking and listening.

0616	Advanced Placement English Language & Composition	Year	Credit: 1.0	Grades 11-12	Fulfills Requirement
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Learn about the elements that define effective argument and composition through the critical analysis and interpretation of complex texts. Understand the interactions among a writer's purpose, audience, subject, and genre and how each of these contributes to effective writing. Enhance your own writing skills and understand better each stage of the writing process as you develop expository, analytical, and argumentative compositions. It is recommended that you take this course before taking AP English Literature and Composition. *Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.*

0618	Advanced Placement English Literature & Composition	Year	Credit: 1.0	Grade 11-12	Fulfills Requirement
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Learn to analyze and interpret imaginative literature through the careful reading and critical analysis of representative works from various genres and periods. Explore literary elements such as a work's structure, style and themes, as well as the use of figurative language, imagery, symbolism and tone. Develop your writing skills as you express your ideas and analysis in expository, analytical, and argumentative essays. It is recommended that you take this course after taking AP English Language and Composition. *Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.*

Math

0700	Algebra I	Year	Credit: 1.0	Grades 9-12	Fulfills Requirement
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Develop solid math skills creating a foundation for future math classes. Become proficient with linear equations; linear systems and inequalities; exponents; and, inequalities and statistics using critical thinking and problem solving.

0708	Geometry	Year	Credit: 1.0	Grades 9-12	Fulfills Requirement
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Prerequisite: Algebra I

Learn solid geometry and concepts of a plane. Algebraic concepts are integrated throughout this study of mathematical proofs, polygons, circles, similarity, transformations, areas and volumes, trigonometry, probability and constructions.

0709	Accelerated Geometry	Year	Credit: 1.0	Grades 9-12	Fulfills Requirement
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Prerequisite: Algebra I

Explore and extend problem situations beyond those covered in Geometry 0708.

0716	Algebra II & Trigonometry	Year	Credit: 1.0	Grades 9-12	Fulfills Requirement
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Prerequisite: Geometry or Accelerated Geometry

Solve equations and systems of equations while learning about several functions of families. Logarithmic, trigonometric, and polynomial functions.
You are required to purchase or check-out any TI-84 graphing calculator for this class.

0717	Accelerated Algebra II & Trigonometry	Year	Credit: 1.0	Grades 9-12	Fulfills Requirement
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Prerequisite: Geometry or Accelerated Geometry

Explore and extend problem situations beyond those covered in Algebra II 0716.
You are required to purchase or check-out any TI-84 graphing calculator for this class.

0720	Statistics (Semester 1 only)	Semester 1	Credit: 0.5	Grades 12	Elective
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Prerequisite: Algebra II, Algebra II & Trigonometry, Accelerated Algebra II & Trigonometry

Explore the major concepts and tools for collecting, analyzing, and drawing conclusions from data.
Take AP Statistics (0724) if you plan to take the AP Statistics exam.

0721	Functions for College Math (Semester 2 only)	Semester 2	Credit: 0.5	Grades 12	Elective
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Prerequisite: Algebra II, Algebra II & Trigonometry, Accelerated Algebra II & Trigonometry

Learn functions, trigonometry and discrete math topics with an emphasis on mathematical models. By participating in activities, you will make connections to areas both within and outside of mathematics.
Develop your ability to communicate mathematical ideas to individuals at various levels.

Math

0722 **Precalculus** Year Credit: 1.0 Grades 10-12 Fulfills Requirement

Prerequisite: Algebra II and Trigonometry or Accelerated Algebra II and Trigonometry

Extend your understanding of mathematics and its applications through a combined study of advanced algebra, trigonometry, and analytic geometry. Sequences and series; polar functions; limits; and probability and statistics. You are required to purchase or check-out any TI-84 graphing calculator for this class.

0723 **Accelerated Precalculus** Year Credit: 1.0 Grades 10-12 Fulfills Requirement

Prerequisite: Algebra II or Accelerated Algebra II

Explore and extend problem situations beyond those covered in Precalculus 0722. You are required to purchase or check-out any TI-84 graphing calculator for this class.

0724 **Advanced Placement Statistics** Year Credit: 1.0 Grades 10-12 Fulfills Requirement

Prerequisite: Algebra II & Trigonometry or Accelerated Algebra II & Trigonometry

Learn about the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Develop analytical and critical thinking skills as you learn to describe data patterns and departures from patterns, plan and conduct studies, use probability and simulation to explore random phenomena, estimate population parameters, test hypotheses, and make statistical inferences.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.

0726 **Advanced Placement Calculus AB** Year Credit: 1.0 Grades 11-12 Fulfills Requirement

Prerequisite: Precalculus or Accelerated Precalculus

Explore the key concepts, methods, and applications of single-variable calculus including functions, graphs, limits, derivatives, integrals, and the Fundamental Theorem of Calculus. Become familiar with concepts, results, and problems expressed in multiple ways including graphically, numerically, analytically, and verbally. Use technology to help solve problems, experiment, interpret results, and support your conclusions.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.

0728 **Advanced Placement Calculus BC** Year Credit: 1.0 Grades 11-12 Fulfills Requirement

Prerequisite: AP Calculus AB

Explore the key concepts, methods, and applications of single-variable calculus including all topics covered in AP Calculus AB (functions, graphs, limits, derivatives, integrals, and the Fundamental Theorem of Calculus) as well as additional topics in differential and integral calculus, such as parametric, polar and vector functions, and series. Become familiar with concepts, results, and problems expressed in multiple ways including graphically, numerically, analytically, and verbally. Use technology to help solve problems, experiment, interpret results, and support your conclusions.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.

1312 **Digital Electronics (DE)** Year Credit: 1.0 Grades 10-12 Fulfills Requirement

From smart phones to appliances, digital circuits are all around us. Develop a foundation in electrical engineering, electronics, or circuit design. Study topics such as combinational and sequential logic and explore circuit design tools used in industry, including logic gates, integrated circuits, and programmable logic devices.

This is a Project Lead the Way (PLTW) course, a national college pre-engineering program. See chart on page 9.

Music - Vocal

0828	Advanced Show Choir Memorial: Old Abe Show Choir North: Northernaires	Year	Credit: 1.0 MHS Credit: 0.5 NHS	Grades 10-12 Grades 10-12	Elective
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Qualification through spring auditions and/or consent of the instructor
Memorial concurrent enrollment: Madrigals AND either Mixed or Concert Choir

North concurrent enrollment: Upper Level Choir: Concert (0824), which will meet on alternating days during the same class period. You will earn 1.0 credit (.5 credit for each course) for the year. One additional weekly rehearsal is held outside of school.

Participate in a high energy, entertaining, musical performing group. Experienced performers participate in advanced-level singing and dancing to popular music at concerts, contests, exhibitions, and community functions.

You are required to purchase a uniform as part of this performing choir.

Memorial: Meet on alternating days for the entire school year opposite a study hall.

0829	Advanced Chamber Choir (North only)	Year	Credit: 1.0	Grades 9-12	Elective
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Qualification through spring auditions and/or consent of the instructor

Perform vocal jazz, madrigals, and contemporary a cappella music at concerts, contests, exhibitions, and community events.

You are required to purchase a uniform as part of this performing choir.

0830	Advanced Vocal Jazz: Madrigals (Memorial only)	Year	Credit: 0.5	Grades 11-12	Elective
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Qualification through spring auditions and/or consent of the instructor
Concurrent Enrollment: Concert Choir and Old Abe Show Choir

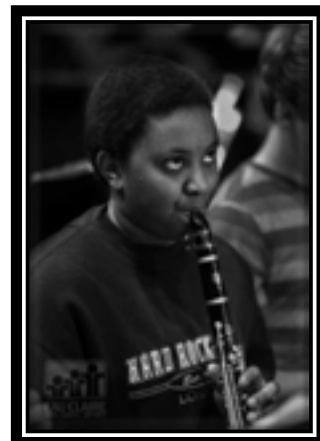
Perform music from the 14-18th centuries in a Madrigal style, as well as popular music and songs in the vocal jazz style at concerts, contests, exhibitions, and community events.

You are required to purchase a uniform as part of this performing choir.

0836	Advanced Placement Music Theory	Year	Credit: 1.0	Grades 10-12	Elective
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Learn to recognize, understand, and describe the basic materials and processes of music that are heard or presented in a score. Develop your aural, sight-singing, written, compositional, and analytical skills through a series of listening, performance, written, creative, and analytical exercises.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.



Physical Education



0900	Level 1 Physical Education	Semester	Credit: 0.5	Recommended Grade 9	Fulfills Requirement
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Participate in level one team, individual, lifetime, fitness, strength training and aquatic activities.

0902	Level 2 Physical Education Team Pursuits	Semester	Credit: 0.5	Recommended Grade 10	Fulfills Requirement
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Prerequisite: Level 1 Physical Education

Participate in level two aquatics, dance, physiology of exercise, golf, and winter sports. Learn the value of team building, competition, lifetime activity, and sportsmanship through team sport activities including volleyball, softball, rugby, and flag football.

0903	Level 2 Physical Education Individual Pursuits	Semester	Credit: 0.5	Recommended Grade 10	Fulfills Requirement
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Prerequisite: Level 1 Physical Education

Participate in level two aquatics, dance, physiology of exercise, golf, and winter sports. Learn the value of sportsmanship, competition, recreation, and lifetime skills through individual sports, including archery, tennis, pickleball, and badminton.

0910	WSI/LGT Early Bird	Semester 2 only	Credit: 0.5	Suggested Grades 10-12	Fulfills Requirement
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Prerequisites: Level 2 Physical Education

You must turn 16 before the end of the course, and have an above average swimming ability

Become a certified lifeguard and swimming instructor! By the end of this course, you will have had the opportunity to earn certification in WSI, LGT, CPR, and first aid.

North: Obtain a permission form from a physical education teacher in order to enroll.

0912	Level 1 Early Bird	Semester	Credit: 0.5	Recommended Grade 9	Fulfills Requirement
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For the early riser! Participate in fitness and tournament activities; team and individual sports; and, aerobics, weight-training and aquatics.

0914	Level 2 Early Bird	Semester	Credit: 0.5	Recommended Grade 10	Fulfills Requirement
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Prerequisite: Level 1 Physical Education

For the early riser! Participate in aquatics, dance, physiology of exercise, golf, and winter pursuits, as well as team and individual sports.

Physical Education

0916	Level 3 Early Bird	Semester	Credit: 0.5	Recommended Grade 11	Fulfills Requirement
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Prerequisite: Level 2 Physical Education

For the early riser! Participate in fitness and sports while focusing on sportsmanship, competition, and lifetime activities. Learn the rules, strategies, and skills in a variety of sports.

0918	Level 3 Physical Education: Team Sports	Semester	Credit: 0.5	Recommended Grade 11	Fulfills Requirement
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Prerequisite: Level 2 Physical Education

Participate in team sports while focusing on team-building, competition, lifetime activity, and sportsmanship. Activities include soccer, ultimate frisbee, floor hockey, flag football, cricket, softball, and more!

0920	Level 3 Physical Education: Individual/Dual Sports	Semester	Credit: 0.5	Recommended Grade 11	Fulfills Requirement
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Prerequisite: Level 2 Physical Education

Participate in individual sports while focusing on sportsmanship, competition, recreation, and lifetime skills. Learn the rules, strategies, and skills of badminton, cross-country skiing, tennis, pickleball, self-defense, archery, and more!

Memorial: The self-defense unit conducted at One Tree Martial Arts Studio will cost each person \$6. Fees are subject to change.

0922	Level 3 Physical Education: Recreational Sports and Activity (Memorial only)	Semester	Credit: 0.5	Recommended Grade 11	Fulfills Requirement
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Prerequisite: Level 2 Physical Education

Increase your participation, knowledge and skill in a variety of lifetime leisure activities including dance, scuba, kayaking, bowling, and more!

0924	Level 3 Strength and Conditioning I	Semester	Credit: 0.5	Grades 11-12	Fulfills Requirement
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Prerequisite: Level 2 Physical Education

Learn the basics to become fit for life! Develop a fitness program and set fitness goals using weight training, aerobics, running and more.

0926	Level 3 Strength and Conditioning II	Semester	Credit: 0.5	Grades 11-12	Elective
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Prerequisite: Strength and Conditioning I

Work hard and improve your personal health and fitness! Establish personal goals and fitness programs to enhance your athletic ability. Participate in strength-training, flexibility training, and speed & quickness enhancement.

Physical Education

0928 **Level 4 Strength and Conditioning III (North only)** Semester Credit: 0.5 Grade 12 Elective

Prerequisite: Strength and Conditioning II

Enhance your athletic skill and improve your personal wellness. Advance your level of strength and flexibility training, as well as speed and quickness. Establish personal goals and fitness programs.

0906 **Senior Physical Education (North only)** Semester Credit: 0.5 Grade 12 Elective

Remain active during your senior year. Participate in highly competitive activities based on your interests.

Science

1130 **Botany** Semester Credit: 0.5 Grades 10-12 Fulfills Requirement

Prerequisite: Biology

Satisfies 0.5 credit Life Science requirement

A rigorous and in-depth look at plant biology, including anatomy, physiology and taxonomy. Study the function of plants in natural ecosystems. Learn through college-level lectures, reading, and labs.

1134 **Advanced Placement Chemistry** Year Credit: 1.0 Grades 10-12 Fulfills Requirement

Prerequisite: Chemistry and Algebra II & Trigonometry

Satisfies 1.0 credit Physical Science requirement

Learn about the fundamental concepts of chemistry such as structure and states of matter, intermolecular forces, reactions, and how to use chemical calculations to solve problems. Develop your ability to think clearly and express your ideas with clarity and logic, both orally and in writing. Work with classmates to conduct meaningful laboratory investigations that let you observe chemical reactions and substances, interpret your findings, and communicate your results.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.

1136 **Environmental Science A** Semester Credit: 0.5 Grades 10-12 Fulfills Requirement

Prerequisite: Biology

Satisfies 0.5 credit Physical Science requirement

Learn and make a difference in your environment! Investigate environmental issues, their causes and possible solutions, including sustainability, water resources, urban sprawl, and waste management. Participate in field work at local sites.

1138 **Environmental Science B** Semester Credit: 0.5 Grades 10-12 Fulfills Requirement

Prerequisite: Biology

You are not required to take Environmental Science A before Environmental Science B

Satisfies 0.5 credit Physical Science requirement

Learn and make a difference in your environment! Investigate environmental issues, their causes and possible solutions, including threats to our atmosphere, renewable/nonrenewable resources, and biodiversity. Participate in field work in local Wisconsin natural areas.

1140 **Human Anatomy and Physiology** Semester Credit: 0.5 Grades 10-12 Fulfills Requirement

Prerequisite: Biology and completion or concurrent enrollment in Chemistry

Satisfies 0.5 credit Life Science requirement

A rigorous study of the structure and function of the human body, and the mechanisms for maintaining homeostasis within it. Learn about the major human body systems through lecture, physiology labs, and laboratory activities including manual dissection.

Science

1142	Advanced Placement Physics C: Mechanics	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
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Prerequisite: Pre-Calculus

Students may not enroll in AP Physics C: Mechanics if they have successfully completed Physics

Satisfies 1.0 credit Physical Science requirement

Explore concepts such as kinematics; Newton's laws of motion, work, energy and power; systems of particles and linear momentum; circular motion and rotation; oscillations; and gravitation.

Learn to apply differential and integral calculus in order to solve problems associated with these concepts. Build your understanding and critical thinking skills through inquiry-based, laboratory investigations that explore these physics concepts.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.

1144	Advanced Placement Physics C: Electricity & Magnetism	Year	Credit: 1.0	Grades 11-12	Fulfills Requirement
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Prerequisite: AP Physics C: Mechanics

Satisfies 1.0 credit Physical Science requirement

Explore concepts such as electrostatics, electric circuits, conductors, capacitors, dielectrics, magnetic fields, and electromagnetism.

Learn to apply differential and integral calculus in order to solve problems associated with these concepts. Build your understanding and critical thinking skills through inquiry-based, laboratory investigations that explore these physics concepts.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.

1324	Principles of Engineering (POE)	Year	Credit: 1.0	Grades 11-12	Fulfills Requirement
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Prerequisite: 2 years of Math and 1 1/2 years of Science

Satisfies 1.0 credit Physical Science requirement

Through problems that engage and challenge, explore a broad range of engineering topics including mechanisms, the strength of structures and materials, and automation. Develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

This is a Project Lead the Way (PLTW) course, a national college pre-engineering program. See chart on page 9.

Social Studies

1200	United States History	Semester	Credit: 0.5	Grade 9	Fulfills Requirement
<i>Satisfies Freshmen Social Studies requirement</i>					
Learn America’s history from the 1929 crash of the stock market through the end of the cold war.					
1202	Advanced Placement United States History	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
<i>Satisfies Freshmen Social Studies requirement</i>					
Learn about the developments that have shaped U.S. history through the critical analysis of historical events and materials.					
Learn to weigh evidence and interpretations as you build your factual knowledge of U.S. history. Develop your ability to draw conclusions and use informed reasoning to present your arguments clearly and persuasively in essay format.					
<i>Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.</i>					
1204	World Studies	Year	Credit: 1.0	Grade 10	Fulfills Requirement
<i>Satisfies Sophomore Social Studies requirement</i>					
An introduction to the forces, events, individuals, and issues that define the interaction and interdependence of our world in the 21 st century. An historical foundation combined with geography, political science, economics, anthropology, sociology, and international studies.					
1206	Advanced Placement European History	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
<i>Satisfies Sophomore Social Studies requirement</i>					
Learn about the cultural, economic, political and social developments that have shaped today’s world through the study of European history from the year 1450 to present.					
Analyze historical evidence and interpretation and express your historical understanding through writing as you explore principle themes of modern European history.					
<i>Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.</i>					
1208	Civics and Public Life	Semester	Credit: 0.5	Grade 11	Fulfills Requirement
<i>Satisfies Junior Social Studies requirement</i>					
Citizenship! Understand your rights and responsibilities in our democracy. Develop a foundation for understanding our local, state, and national governments.					
1210	Advanced Placement United States Government and Politics	Semester	Credit: 0.5	Grades 11-12	Fulfills Requirement
<i>Satisfies Junior Social Studies requirement</i>					
Study constitutional underpinnings, civil liberties and civil rights, political culture and socialization, citizen participation and influence, political institutions and policy making that are the foundation of modern U.S. government and politics. Interpret classic and contemporary political writings and apply pertinent Supreme Court rulings to enduring social and political issues in this country.					
<i>Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.</i>					

Social Studies

1214	Principles of Economics	Semester	Credit: 0.5	Grade 12	Fulfills Requirement
<i>Satisfies Senior Economics requirement</i>					
Learn about consumer economics. Analyze current events by applying the concepts you develop in this in-depth study including scarcity, supply and demand, inflation, and fiscal policy.					
1216	Advanced Placement Macroeconomics	Semester	Credit: 0.5	Grades 11-12	Fulfills Requirement
<i>Satisfies Senior Economics requirement</i>					
Explore the principles of economics that apply to an economic system as a whole. Learn about concepts such as national income and price determination and develop your familiarity with economic performance measures, the financial sector, stabilization policies, economic growth and international economics. Advanced Placement courses provide an opportunity to earn college credit. <i>See chart on page 8.</i>					
1218	Psychology	Semester	Credit: 0.5	Grade 12	Fulfills Requirement
<i>Satisfies Senior Behavioral Science requirement</i>					
An introduction to human behavior, including disordered behavior and personality, as well as the psychobiology of the human brain, and altered states of consciousness.					
1220	Advanced Placement Psychology	Year	Credit: 1.0	Grade 11-12	Fulfills Requirement
<i>Satisfies Senior Behavioral Science requirement</i>					
Explore the concepts, theories, perspectives, phenomena and behaviors associated with the subfields and research areas of psychology. Analyze the methods psychologists use to study various types of behavior and mental processes and evaluate the validity and significance of their contributions. <i>Advanced Placement courses provide an opportunity to earn college credit. See chart on page 8.</i>					
1222	Sociology/Social Issues	Semester	Credit: 0.5	Grade 12	Fulfills Requirement
<i>Satisfies Senior Behavioral Science requirement</i>					
Explore human social behavior, social structure, culture, and social change while studying topics such as conformity, adolescents, deviance and racial relations.					
1226	Ancient and Medieval History	Semester	Credit: 0.5	Grades 10-12	Elective
From Middle Eastern origins to the European Renaissance. Study and discuss the two most fascinating eras of the past.					
1228	Criminal Justice	Semester	Credit: 0.5	Grades 9-12	Elective
An introduction to the procedures and problems of criminal law, crime, law enforcement, courts, corrections, and punishment using current materials. Interact with guest speakers from criminal justice professions.					
1230	Directed Studies: Comparative Political Systems: The Isms	Semester	Credit: 0.5	Grades 9-12	Elective
Delve into Nazi Germany and Communist Russia through this in-depth study of Hitler, the Nazis, and life in the Third Reich; as well as the Russian Revolution, Joseph Stalin and communism in the Soviet Union.					

Social Studies

1232 **Philosophy A** Semester Credit: 0.5 Grades 10-12 Elective

How do we know what we know? What is real? What is right or wrong action? What is just? Participate in discussions of metaphysics, epistemology, political philosophy, and ethics.

1234 **Philosophy B** Semester Credit: 0.5 Grades 10-12 Elective

You are not required to take Philosophy A before Philosophy B

What does it mean to exist as a human being? What is good or bad reasoning? What is science? What is infinity? Participate in discussion-based study of existentialism, logic, philosophy of science, and Eastern philosophy.

1236 **Anthropology** Semester Credit: 0.5 Grades 10-12 Elective

Explore the story of humankind! Understand human events in the present, while examining their past. Study the development of family kinships, warfare, marriage, religion, human behavior, and language.

1238 **The Middle East - Land of Conflict** Semester Credit: 0.5 Grades 9-12 Elective

Delve into the attitudes and conflicts of the past that have led us to our present relationship with the Middle East.

1240 **The Vietnam War** Semester Credit: 0.5 Grades 9-12 Elective

Take an in-depth journey through the Vietnam War by examining the historical, economical, and political impact of this war.

1242 **Tolerance & Diversity in America** Semester Credit: 0.5 Grades 9-12 Elective

Explore the past and present issues of racism and diversity in America by studying the contributions that various religions, ethnic groups, and minorities have made to our country.



Technology & Engineering

1324 **Principles of Engineering (POE)** Year Credit: 1.0 Grades 11-12 Fulfills Requirement

Satisfies 1.0 credit Physical Science requirement

Through problems that engage and challenge, explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

This is a Project Lead the Way (PLTW) course, a national college pre-engineering program. See chart on page 9.

1326 **Computer Integrated Manufacturing (CIM)** Year Credit: 1.0 Grades 10-12 Elective

An introduction to the high-tech, innovative nature of modern manufacturing. This course illuminates the opportunities related to understanding manufacturing. At the same time, it teaches you about manufacturing processes, product design, robotics, and automation. Earn a virtual manufacturing badge recognized by the National Manufacturing Badge system.

This is a Project Lead the Way (PLTW) course, a national college pre-engineering program. See chart on page 9.

1328 **Photography I** Year Credit: 1.0 Grades 9-12 Elective

Take photos and make videos! Learn the fundamentals of camera operation, photo design, and digital manipulation. Utilize digital photography and various software programs to display and enhance your photos. Prepare photos for framing by learning to cut mats. Make a quality video using editing software.

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

Advanced Standing with The Art Institutes International Minnesota. See chart on page 9.

1330 **Photography II** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: Photography I

Enhance your digital photography skill and technique by exploring black and white to colored photography, transparency and print media, studio lighting and special effects.

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

Advanced Standing with The Art Institutes International Minnesota. See chart on page 9.

1332 **Printing Graphics I** Year Credit: 1.0 Grades 9-12 Elective

Explore the world of printing! With this introduction to printing in today's industry, experiment with screen printing, offset lithography and more. Experience the role of computers in the field of print graphics by using program applications, scanners, digital input, and printers. Apply the fundamentals of design and layout, typography, and paper manufacturing.

1334 **Printing Graphics II** Semester Credit: 0.5 Grades 10-12 Elective

Prerequisite: Printing Graphics I

Hands-on activities will expose you to the methods used for generating graphics in production printing. Explore Photo-offset lithography, computer graphics, and graphics and publication software. Learn skills that can be easily transferred to other methods of imaging materials. Investigate the many career opportunities in print graphics.

Technology & Engineering

1341 **Metals/Welding I** Year Credit: 1.0 Grades 9-12 Elective

Use hand tools, machines, and materials to acquire a broad experience in metalworking. Hands-on activities using metal lathes, grinders, milling machines, saws, and hand tools will introduce you to metal manufacturing techniques. Learn arc, wire feed, gas, plasma and TIG welding techniques. Use critical thinking and problem-solving while working on projects.

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

1342 **Metals/Welding II** Year Credit: 1.0 Grades 10-12 Elective

Prerequisites: Metals/Welding I

Learn methods of machining, shaping, cutting, welding, print reading and parts fabrication to produce a final product. Practice problem-solving and critical thinking as you develop competence in the various processes while completing both assigned and self-initiated projects.

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

1346 **Woodworking I** Year Credit: 1.0 Grades 9-12 Elective

Complete projects while learning the fundamental skills of operating hand, power and machine tools. Learn planning, constructing and finishing techniques.

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

1348 **Woodworking II** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: Woodworking I

Build anything within your ability and the shop's facilities! Create projects of advanced design and complexity.

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

1349 **Construction I** Semester Credit: 0.5 Grades 9-12 Elective

Experience residential construction practices from site preparation to completion! Calculate the cost of a project. Learn everything from obtaining permits to the finishing process including electrical, plumbing, and masonry.

1350 **Construction II** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: Construction I

Advance your skill in residential and commercial construction. Combine theory and hands-on activities to learn and practice the various skills required to build homes and commercial buildings.

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

1352 **Recreational Small Engines** Semester Credit: 0.5 Grades 9-12 Elective

Disassemble, measure, evaluate, and reassemble two cycle and four cycle small engines. Study the systems of small engines and learn to troubleshoot problems that arise.

1354 **Vehicle Care** Semester Credit: 0.5 Grades 10-12 Elective

If you plan to own a car, plan to take this course! Participate in lectures, lab activities and demonstrations to learn the principles and fundamentals of the automobile. If you already own a car, you can practice on it in this class!

Technology & Engineering

1356 **Automotive Mechanics I** Year Credit: 1.0 Grades 11-12 Elective

Experience the fundamentals of automotive mechanics. Learn about the engine, chassis, suspension, lubrication, brakes and detailing. A driver's license and access to a vehicle will provide you with a more practical learning experience!

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

1358 **Automotive Mechanics II** Year Credit: 1.0 Grade 12 Elective

Prerequisite: Automotive Mechanics I

An in-depth study of engine performance and analysis, engine rebuilding, transmission components, electronics, diagnosis, and trouble-shooting. Field trips and job shadowing will provide you with practical observations. If you plan to pursue a degree or career in the automotive field, take this class!

Additional amounts may be charged for approved resale materials (for example, to pay for a special project).

1360 **Engineering Design and Development (EDD)** Year Credit: 1.0 Grade 12 Elective

Prerequisite: Completion of at least one Project Lead The Way course

The knowledge and skills you have acquired throughout PLTW Engineering come together in EDD as you identify an issue and then research, design, and test a solution, ultimately presenting your solution to a panel of engineers. Apply the professional skills you have developed to document a design process to standards, completing EDD prepares you to take on any post-secondary program or career.

A PLTW course. Project Lead the Way (PLTW) is a national college pre-engineering program. See chart on page 9.

1370 **Computer Hardware** Semester Credit: 0.5 Grades 9-12 Elective

Build computers! A hands-on approach to computer hardware. Identify computer components, disassemble machines, conduct hardware/software maintenance tasks, and install operating systems and upgrades. Learn to troubleshoot common hardware problems. Design and assemble a local network and connect it to a wide area network.

Prepare for the CompTIA 220-702 Core Hardware exam, one of two exams for completion of an A+ certification.

Transcribed Credit with CVTC. See chart on page 9.



1378 **Cartoon Animation** Semester Credit: 0.5 Grades 9-12 Elective

Use Macromedia Flash, a digital storytelling software, to design, animate, and develop a story. Learn computer skills that easily transfer to other fields and industries.

1382 **Video Game Development** Year Credit: 1.0 Grades 9-12 Elective

Program your own 3D video game! Learn basic programming and the design process. Use text, pictures, animations, and digital video. Create functional video games that can be shared and played utilizing programming techniques in Dark Basic. Develop computer programming skills that easily transfer to a variety of industries.

Technology & Engineering

1384 **Introduction to Computer Science (ICS)** Semester Credit: 0.5 Grades 9-12 Elective

If you have never programmed before, this course was designed for you! ICS is an optional starting point for the PLTW Computer Science program. You will work in teams to create simple apps for mobile devices using MIT App Inventor®. Explore the impact of computing in society and the application of computing across career paths and build skills and awareness in digital citizenship and cybersecurity. Model, simulate, and analyze data about yourself and your interests. Transfer the understanding of programming gained in App Inventor to learn introductory elements of text-based programming in Python® to create strategy games.

This is a Project Lead the Way (PLTW) course, a national college pre-engineering program. See chart on page 9.

Technology & Engineering Internships available in the areas below. See page 31-32.

- Automotive (Transportation)
- Drafting and Design: Engineering
- Graphic Arts
- Information Technology: Computer Science
- Technology Education/Construction



World Languages

0500 **French I** Year Credit: 1.0 Grades 9-12 Elective

An introduction to the French language and Francophone culture emphasizing all four communication skills: reading, writing, speaking, and listening. By the end of the first year, you will communicate on familiar topics, such as self, family, school, hobbies, likes, and dislikes.

0502 **French II** Year Credit: 1.0 Grades 9-12 Elective

Prerequisite: French I or 7th & 8th grade French

Study Francophone culture while expanding your French skills through reading, writing, speaking and listening. Discuss familiar topics using French.

0504 **French III** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: French II

As you continue to develop and practice your French reading, writing, listening, and speaking skills, you will focus more on grammar and vocabulary in a cultural context. Move from the novice toward intermediate levels of proficiency.

0506 **French IV** Year Credit: 1.0 Grades 11-12 Elective

Prerequisite: French III

Explore French culture through authentic literature while continuing to develop and practice your French communication skills. Prepare for post-secondary language learning, including study abroad, placement tests, university courses, and international travel.

0508 **French V** Year Credit: 1.0 Grade 12 Elective

Prerequisite: French IV

Build on the skills you learned in French I, II, III, and IV in this advanced exploration of French culture, literature, and communication skills. Enhance your preparation for post-secondary language learning, including study abroad, placement tests, university courses, and international travel.

0510 **German I** Year Credit: 1.0 Grades 9-12 Elective

With an emphasis on oral and written communication, learn about the culture of German speaking countries. By the end of the year, you will be able to communicate in German about limited topics.

0512 **German II** Year Credit: 1.0 Grades 9-12 Elective

Prerequisite: German I or 7th & 8th grade German

Communicate in German at a more advanced level about more topics. Learn to handle simple, everyday survival tasks in a German speaking country.

World Languages

0514 **German III** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: German II

Expand your German comprehension and communication about a variety of topics in a variety of situations. Expand your vocabulary and grammar as you begin to read and write in German. Gain a broader understanding of the German culture and explore German geography and history.

0516 **German IV** Year Credit: 1.0 Grades 11-12 Elective

Prerequisite: German III

An in-depth exploration of contemporary German culture and society by learning about the arts, travel and leisure, and tradition. Begin to perfect your grammar and conversational skills. By the end of the year, you should be able to live and function socially in a German speaking country!

0518 **German V** Year Credit: 1.0 Grade 12 Elective

Prerequisite: German IV

Learn about contemporary German society while refining your language skills. Explore German literature, history, and music. Continue to improve your reading, writing, and speaking skills in preparation for placement tests, university courses, study abroad, and international travel.

0520 **Japanese I** Year Credit: 1.0 Grades 9-12 Elective

Learn kiragana and katakana, the two phonetic spelling systems, as well as Kanji characters. Read, write, speak, and understand fundamental Japanese to a level where you could survive in Japan. Explore Japanese geography, history, and culture.

0522 **Japanese II** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: Japanese I

Continue to enhance your Japanese language skills for greater fluency and ease in basic communication. Increase your study of grammar, vocabulary, and Kanji. Begin to communicate slightly more creatively as you continue to explore the history of the Japanese culture.

0524 **Japanese III** Year Credit: 1.0 Grades 11-12 Elective

Prerequisite: Japanese II

Communicate creatively in Japanese as your reading, vocabulary, and Kanji study become more advanced. Learn about various styles of Japanese speech and practice verbs used in unique social situations. Your study of Japanese culture will focus on art and history.

0526 **Japanese IV** Year Credit: 1.0 Grade 12 Elective

Prerequisite: Japanese III

Gain confidence in your Japanese reading, writing, speaking, and listening skills. Distinguish between formal and informal language usage in different social situations. Read and write more complex paragraphs. Refine your language ability through conversation and discussion in Japanese to prepare for a college-level language course. Your study of Japanese culture will focus on classic literature.

World Languages

0528 **Spanish I** Year Credit: 1.0 Grades 9-12 Elective

An introduction to the Spanish language and Hispanic culture emphasizing reading, writing, speaking, and listening. By the end of the year, you will be able to communicate on familiar topics, including self, family, school, hobbies, likes, and dislikes.

0530 **Spanish II** Year Credit: 1.0 Grades 9 12 Elective

Prerequisite: Spanish I or 7th & 8th Grade Spanish

Continue to build on your Spanish reading, writing, speaking, and listening skills as you study Hispanic culture. Communicate in Spanish on a variety of familiar topics.

0532 **Spanish III** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: Spanish II

Expand on your Spanish reading, writing, listening, and speaking skills while focusing on grammar and vocabulary in a cultural context. Move from the novice toward intermediate levels of proficiency.

0534 **Spanish IV** Year Credit: 1.0 Grades 11-12 Elective

Prerequisite: Spanish III

Continue to enhance the communication skills you learned in Spanish I, II, and III as you begin to explore Hispanic culture through authentic literature. Begin developing the skills that will prepare you for post-secondary language learning, studying abroad, placement tests, university courses, and international travel.

0536 **Spanish V** Year Credit: 1.0 Grade 12 Elective

Prerequisite: Spanish IV.

Increase your Spanish communication skills in an advanced study of the Hispanic culture through reading authentic literature. Further develop the skills that will prepare you for post-secondary language learning, studying abroad, placement tests, university courses, and international travel.

0538 **American Sign Language I** Year Credit: 1.0 Grades 9-12 Elective

An introduction to the language and culture of the American Deaf community with an emphasis on American Sign Language (ASL) grammar, vocabulary, and basic conversational skills. Learn about the unique cultural aspects within the Deaf community through enrichment activities.

0540 **American Sign Language II** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: American Sign Language I

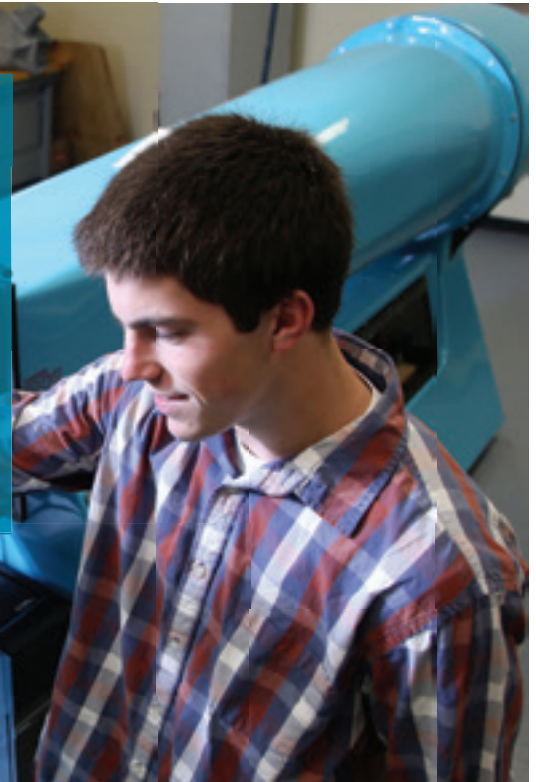
Expand on the skills you acquired in ASL I. Gain a greater understanding of grammar and fluency using an in-depth ASL conversation in an authentic format. Build expressive and receptive communication skills on a variety of familiar topics.



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