



EAU CLAIRE
AREA SCHOOL DISTRICT

2017-2018 ECASD High Schools Academic and Career Planning Guide for Post-Secondary Success

ECASD VISION: "We challenge minds, build relationships and nurture individual growth to prepare all students 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
- Break out session - Advanced Placement/Dual Credit Opportunities
- Break out session - First time high school experience

North High School
Monday, January 9th, 2017
5:30-7:00 p.m.
NHS Auditorium



Memorial High School
Monday, January 9th, 2017
6:00-7:30 p.m.
MHS Auditorium



Current 8th Graders Register:

January 12th, 2017 - Delong

January 13th, 2017 - Northstar and South

Current 9th – 11th Graders Register:

January 27th- February 3rd, 2017 online anytime

Skyward access open 24 hours

Youth Options Application (see page 9) Deadlines:

March 1, 2017 for fall 2017 Semester

October 1, 2017 for Spring 2018 Semester

All applications should be submitted to your high school
Student Services Office.

Table of Contents

Post-Secondary Handbook	
Welcome	4
General Information/Policies	
• Equal Educational Opportunities	5
• Drop/Add Policy	5
• Early Bird Classes	5
• Gifted Education	5
• Non-Discrimination Policy	5
• Online Learning	6
• Specialized Programs	6
Academic and Career Plan for Post-Secondary Success	7
4-Year Planning Guide	8
Early College Options	
• Advanced Placement (AP)	10
• Youth Options	10
• Course Options	10
• Transcribed Credit – CVTC	11
• Advanced Standing – CVTC	11
• Transcribed Credit – WITC	11
• Advanced Standing – Art Institutes International – Minnesota	11
• Project Lead The Way	11
• Youth apprenticeships & Work-based Learning	12
Post-Secondary Planning Resources	13
• University of Wisconsin System	13
• University of Minnesota System	13
• Wisconsin Technical Colleges	14
• Wisconsin Private Colleges	14
Course Listing By Department	15
Course Descriptions by Department	21
• Agriculture and Natural Resources	21
• Art	22
• Art/Theater	24
• Business, Marketing & Information Technology	25
• Family and Consumer Sciences	28
• Health	30
• Independent Programs – Library Assistant	30
• Youth apprenticeships & Work-Based Learning	32
• Language Arts	34
• Math	36
• Music	38
• Physical Education	42
• Science	44
• Social Studies	47
• Technology and Engineering	50
• World Languages	55

Welcome to the ECASD Academic and Career Planning Guide

Dear Students,

Your high school education is the foundation for a variety of careers during adulthood. 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 by taking challenging courses that align with your strengths and interests.

Pushing yourself academically, demonstrating perseverance and succeeding in challenging coursework is the best way to prepare for your next step. We offer many college-level rigor courses that provide dual high school and college credit. We challenge every student to take one or more of these college-level rigor classes during their high school experience. 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,

Trevor Kohlhepp, Principal
Memorial High School

David Valk, Principal
North High School

Administrators at Memorial

Trevor Kohlhepp, Principal
Sue Steffes, Associate Principal
Kurt Madsen, Associate Principal
Kevin Thompson, Associate Principal/
Athletic Director

Administrators at North

David Valk, Principal
Amy Zais, Associate Principal
Lucas Barth, 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 Doughty
Dave Reidt
Kendra Pagel
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 Criegio, Director of Special Education
Kaying Xiong, Ed. D., 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

Equal Educational Opportunities

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

The online learning partnership with APEX will continue for the upcoming school year. If you are interested in taking an online course, contact your counselor for a list of available courses, as well as for help in determining 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 can also contact Brianna Smit, English Language Program Support Teacher at 715-852-3140 or at bsmit@ecasd.us.





Academic and Career Plan for Post-Secondary Success

ECASD Requirements For the Class of 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) Government (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) Government (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

Graduation Requirements	FRESHMEN	SOPHOMORES	JUNIORS	SENIORS
ENGLISH 4.0 credits	<u>1.0 Credit</u> Enriched English 9 English 9	<u>1.0 Credit</u> Enriched English 10 English 10	<u>1.0 Credit</u> English 11 AP Lang/Comp AP Lit/Comp	<u>1.0 Credit</u> English 12 AP Lang/Comp AP Lit/Comp
MATH 3.0 credits	<u>1.0 Credit</u>	<u>1.0 Credit</u>	<u>1.0 Credit</u>	<u>1.0 recommended</u>
SCIENCE 3.0 credits	<u>0.5 Credit</u> <u>Earth Science</u> Earth Science Honors Earth Science	<u>1.0 Credit</u> <u>Life Science</u> Biology	<u>1.0 Credit</u> <u>Physical Science</u>	<u>0.5 Credit Science</u>
SOCIAL STUDIES 3.0 credits	<u>0.5 Credit</u> US History AP US History	<u>1.0 Credit</u> World Studies AP European History	<u>0.5 Credit</u> Government AP Government	<u>1.0 Credit</u> Including: 0.5 cr Economics AND 0.5 cr Psychology or Sociology
HEALTH 0.5 credit	<u>0.5 Credit</u>			
PHYSICAL ED 1.5 credits	<u>0.5 Credit</u>	<u>0.5 Credit</u>	<u>0.5 Credit</u>	
ELECTIVES				
	Required Credits:	Required Credits:	Required Credits:	Required Credits:
	Elective Credits:	Elective Credits:	Elective Credits:	Elective Credits:
	Total Credits:	Total Credits:	Total Credits:	Total Credits:
	9 th grade minimum of 6.0 credits	10 th grade minimum of 6.0 credits	11 th grade minimum of 6.0 credits	12 th grade minimum of 5.5 credits

Class of 2018: 22 credits required for graduation
Classes of 2019 and beyond: 23.5 credits required for graduation

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 http://www.ecasd.us/ECASD/media/District-Site/PDFs/Board%20Policies/boardpolicy383.pdf	Take up to two courses at a time at a post-secondary institution http://www.ecasd.us/ECASD/media/District-Site/PDFs/Board%20Policies/343_4-Course-Options-11-07-16.pdf
SITE	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 17 credits Admission requirements set by post-secondary school Course must not be offered in ECASD Application deadlines: October 1-spring semester course March 1- fall semester course Maximum of 2 classes per semester	You must apply directly to the college/technical school, and meet with high school counselor Application deadlines: June 1-fall semester course November 1-spring semester course May 1- summer session course Maximum of 2 classes per semester
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	Student Fee for AP Exam	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	Transportation is your responsibility UWEC: 50% tuition paid by ECASD and typically 50% paid by your family CVTC: Typically no family fee Your family is required to reimburse ECASD if you fail the class
COURSES	English Literature ▪ English Language and Composition ▪ Statistics ▪ Calculus AB ▪ Calculus BC ▪ Biology ▪ Chemistry ▪ Physics C: Mechanics ▪ US History ▪ European History ▪ US Government & Politics ▪ Macroeconomics ▪ Psychology ▪ Studio Art- Drawing ▪ Music Theory	Determined by college prerequisites You cannot take Youth Options courses that are comparable to courses offered in ECASD	Determined by college prerequisites You cannot take Course Options courses that are comparable to courses offered in ECASD

	Transcribed Credit (TC)	Advanced Standing with Chippewa Valley Technical College (CVTC)	Project Lead The Way
DESCRIPTION	Agreement between ECASD and Technical Colleges allowing you to earn "transcribed credits" (TC) for approved courses Transcribed Credit courses are actual Technical College courses, using college textbooks and materials Taught at the high schools by ECASD staff who are Technical College certified	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
SITE	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 Technical Colleges at the start of the class to earn TC	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 Technical College 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 your college GPA
COST	None	None	No cost for exam With a score of 7, 8, or 9 out of 9, you may pay a fee per course for Milwaukee School of Engineering credit
COURSES	Accounting II, III Marketing I, II Microsoft Office Suite Entrepreneurship Biotechnology Computer Hardware Personal Finance Parents and Children Careers with Children Woodworking II Welding II (transcription in progress)	Veterinary Science II *Photography I - The Art Institutes International Minnesota	Digital Electronics Introduction to Engineering Design Civil Engineering & Architecture Principles of Engineering Computer Integrated Manufacturing Engineering Design & Development Aerospace Engineering

ECASD Youth Apprenticeship and Work-Based Learning Programs

The **Youth Apprenticeship Program** combines work experience in an area business with technical and academic instruction at school. You must apply for individual positions within the program as posted on the “Your Future Chippewa Valley” website or through your counselor. Both you and an adult family member will need to fill out the Youth Apprenticeship Application as well as any application materials required by the specific employer. Once you have been accepted, an Education/Training Agreement and a Registration Form will need to be filled out and signed by you, an adult family member, and the employer. If you are interested in participating, you will need to apply/enroll in the semester prior to participation.

Youth Apprenticeship Requirements

You may choose to complete a one-year or a two-year apprenticeship. For a one-year apprenticeship, you are required to complete one credit (two semesters) of relevant courses and 450 hours of work experience. For a two-year apprenticeship, you are required to complete two credits (four semesters) of relevant courses and 900 hours of work experience. What courses count as relevant will depend upon the program selected. These experiences are made available through a partnership with CESA 10 and the Wisconsin Department of Workforce Development. Due to limited availability of work sites, positions in some areas are highly competitive.

Work-Based Learning opportunities (such as job shadows and mock interviews) are available for all high school students, grades 9-12. 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. For more information, visit Your Future Chippewa Valley.



If you have any questions about Youth Apprenticeship or Work-Based Learning, contact Drew Seveland, Academic Services Coordinator, at aseveland1@ecasd.us or 715-852-3102 or Dave Oldenberg, Director of Academic Services, at doldenberg@ecasd.us or 715-852-3034. You may also visit the DWD informational site for more information: <http://dwd.wisconsin.gov/youthapprenticeship/>



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.

You are encouraged to select courses beyond the minimum. Completing rigorous courses will make you a stronger candidate for college admission.



Wisconsin Technical College System

To apply for admission to an Associate Degree program or Diploma program, you 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 you 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 www.wtcsystem.org for the most current admission requirements.

As an Eau Claire Area School District student you have the opportunity to take CVTC courses during the school year at your high school or on the CVTC campus. You may also take CVTC courses during weekends, evenings, and in the summer on the CVTC campus. The courses and registration information may be found starting on Page 58 in this catalog. You will register for school year courses in Skyward and have those courses built into your schedule just like you do with your regular ECASD courses.

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.wisconsinprivatecolleges.org and click on “Select a School.” Refer to the particular website for any other private schools.



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
0110	Small Animals	0.5	21
0112	Veterinary Science I	0.5	21
0114	Veterinary Science II (AS)	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
Art/Theatre	<i>Course Offerings begin on page 23</i>		
0628	Theatre I	0.5	24
0630	Theatre II	0.5	24
0632	Theatre III	0.5	24
Business, Marketing & Information Technology	<i>Course Offerings begin on page 25</i>		
0300	Accounting I	0.5	25
0302	Accounting II (TC)	0.5	25
0303	Accounting III (TC)	0.5	25
0304	Microsoft Office Suite (TC)	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 (TC)	0.5	26
0322	Marketing I (TC)	1.0	26

Course #	Course Title	Credits	Page
0324	Marketing II (AS)	1.0	26
0328	Personal Finance (TC)	0.5	27
0330	Personal Law	0.5	27
0332	Web Design Applications I	0.5	27
0334	Web Design Applications II	0.5	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
0414	Baking and Pastry Arts	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	29
0424	Parents and Children (TC)	0.5	29
0426	Careers with Children (TC)	0.5	29
0428	Fashion & Interior Design	0.5	29
Health	<i>Course Offerings begin on page 30</i>		
1000	Health 9	0.5	30
Independent Programs	<i>Course Offerings begin on page 30</i>		
1700	Library Assistant	0.5	30
Youth Apprenticeship Program	<i>Course Offerings begin on page 32</i>		
<i>Application Required</i>	Agriculture, Food, & Natural Resources	1.0	32
<i>Application Required</i>	Transportation, Distribution, & Logistics	1.0	32
<i>Application Required</i>	Information Technology	1.0	32
<i>Application Required</i>	Science, Technology, Engineering, and Math (STEM)	1.0	32
<i>Application Required</i>	Family & Consumer Sciences	1.0	32
<i>Application Required</i>	Finance	1.0	32
<i>Application Required</i>	Art, A/V Technology, & Communications	1.0	32
<i>Application Required</i>	Health Science	1.0	33
<i>Application Required</i>	Hospitality, Lodging, & Tourism	1.0	33
<i>Application Required</i>	Manufacturing	1.0	33

Course #	Course Title	Credits	Page
<i>Application Required</i>	Architecture & Construction	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	1.0	34
0618	AP English – Literature & Composition	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
0632	Theatre III	0.5	35
Math	<i>Course Offerings begin on page 36</i>		
0700	Algebra I	1.0	36
0708	Geometry	1.0	36
0709	Enriched Geometry	1.0	36
0716	Algebra II & Trigonometry	1.0	36
0717	Enriched 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	Enriched 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 (PLTW)	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	Intermediate/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) Advanced Level Concert Band: Wind Ensemble (North)	1.0	38
0807	Entry Level Jazz: Jazz II (North)	1.0	38
0808	Entry Level Jazz: Jazz III Early Bird (Memorial)	0.5	38

Course #	Course Title	Credits	Page
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	<i>Course Offerings begin on page 42</i>		
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	42
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	43
0906	Senior Physical Education (North only)	0.5	43
Science	<i>Course Offerings begin on page 44</i>		
1100	Earth Science	0.5	44
1102	Honors Earth Science	0.5	44
1104	Astronomy/Geology	0.5	44
1106	Biology	1.0	44
1114	Chemistry	1.0	44
1118	Oceanography/Meteorology	0.5	44
1120	Physics	1.0	44
1126	AP Biology	1.0	45

1128	Biotechnology (TC)	0.5	45
1134	AP Chemistry	1.0	45
1136	Environmental Science A	0.5	45
1138	Environmental Science B	0.5	45
1140	Introduction to Human Anatomy and Physiology	0.5	46
1142	AP Physics C: Mechanics	1.0	46
1324	Principles of Engineering (PLTW)	1.0	46
Social Studies	<i>Course Offerings begin on page 47</i>		
1200	United States History	0.5	47
1202	AP United States History	1.0	47
1204	World Studies	1.0	47
1206	AP European History	1.0	47
1208	Government	0.5	47
1210	AP United States Government and Politics	0.5	47
1214	Principles of Economics	0.5	48
1216	AP Macroeconomics	0.5	48
1218	Psychology	0.5	48
1220	AP Psychology	1.0	48
1222	Sociology/Social Issues	0.5	48
1226	Ancient and Medieval History	0.5	48
1228	Criminal Justice	0.5	48
1232	Philosophy A	0.5	48
1234	Philosophy B	0.5	49
1236	Anthropology	0.5	49
1238	The Middle East – Land of Conflict	0.5	49
1240	The Vietnam War	0.5	49
Technology & Engineering	<i>Course Offerings begin on page 50</i>		
1306	Entertainment Technology	1.0	50
1309	Aerospace Engineering (PLTW)	1.0	50
1310	Introduction to Electricity and Wiring	0.5	50
1312	Digital Electronics (PLTW)	1.0	50
1318	Introduction to Engineering Design (PLTW)	1.0	50
1320	Civil Engineering and Architecture (PLTW)	1.0	50
1324	Principles of Engineering (PLTW)	1.0	51
1326	Computer Integrated Manufacturing (PLTW)	1.0	51
1328	Photography I	1.0	51
1330	Photography II	1.0	51
1332	Printing Graphics I	1.0	51
1334	Printing Graphics II	0.5	51
1341	Metals/Welding I	1.0	52
1342	Welding II (TC)	1.0	52
1346	Woodworking I	1.0	52
1348	Woodworking II (TC)	1.0	52
1349	Construction I	0.5	52
1350	Construction II	1.0	52
1352	Recreational Small Engines	0.5	52
1354	Vehicle Care	0.5	53

1356	Automotive Mechanics I	1.0	53
1358	Automotive Mechanics II	1.0	53
1360	Engineering Design and Development (PLTW)	1.0	53
1370	Computer Hardware (TC)	0.5	53
1378	Cartoon Animation	0.5	53
1382	Video Game Development	1.0	53
1384	Introduction to Computer Science (PLTW)	0.5	54
World Languages	<i>Course Offerings begin on page 55</i>		
0538	American Sign Language I	1.0	55
0540	American Sign Language II	1.0	55
0500	French I	1.0	55
0502	French II	1.0	55
0504	French III	1.0	55
0506	French IV	1.0	55
0508	French V	1.0	55
0510	German I	1.0	56
0512	German II	1.0	56
0514	German III	1.0	56
0516	German IV	1.0	56
0518	German V	1.0	56
0520	Japanese I	1.0	56
0522	Japanese II	1.0	56
0524	Japanese III	1.0	57
0526	Japanese IV	1.0	57
0528	Spanish I	1.0	57
0530	Spanish II	1.0	57
0532	Spanish III	1.0	57
0534	Spanish IV	1.0	57
0536	Spanish V	1.0	57



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.

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 classification, growth and development, female reproduction, anatomy and physiology, 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, male reproduction, respiratory system, immune system, and 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 11.



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 predatory and nonpredatory 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, Food and Natural Resources Youth Apprenticeship available. See pages 32-33.

- Agriculture, Food, & Natural Resources

Art

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

Whether you are a novice or an experienced art student, explore a variety of art forms, including drawing, painting, design, collage, and sculpture. This class focuses on creative ownership and problem solving working with a wide variety of media. This is an excellent option if you would like a taste of many different kinds of art making!

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

Apply art to the commercial world of illustration, printmaking, typography, packaging design and more! Acquire experience in logo design, illustration, creative lettering and branding concepts using a variety of media. Learn how to create art for art's sake as well as realistic projects in a design profession. Explore the realms of art & design, and learn how to apply the two in this class.

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

Prerequisite: Commercial Art I

Pursue advanced techniques in layout, typography, illustration, and packaging design. Projects may include logos, album covers, t-shirt designs, and more. This class focuses on how to create a design that communicates a specific message and has a purpose. Get a taste of different projects and tasks that are geared toward a career in design.

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

Learn the fundamentals of drawing while establishing an excellent base for all other art courses. Practice basic concepts in observational drawing through still life objects, perspective, portraiture, figure drawing as well as abstraction. Experiment with a wide variety of art materials and techniques while focusing on composition and creative problem solving.

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

Prerequisite: Drawing I

Build on your skill and experience in creative and observational drawing. Discover how to utilize the language of art to communicate your ideas and establish a style. Continue to apply more creative, experimental and personal approaches to your work as well investigate a variety of 2-Dimensional media.



Art

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

Learn how to create original jewelry and sculpture Design jewelry using sterling silver, brass, copper and nickel silver. Craft sculptures from wood, soapstone, plaster and papier-mâché. 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 and design concepts. Create sculptures 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

Learn how to paint from observation while exploring the foundations of acrylic and watercolor paints. Experience the importance of observation, color theory, form, and the use of a strong composition in creating a successful painting. Build on ideas based off observational still life, surrealism, abstraction, illustration and more.

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

Prerequisite: Painting I

Build on your skill and experience in watercolor and acrylic paint. Discover how to utilize the language of art to communicate your ideas and establish a painting style. Continue to apply more creative, experimental and personal approaches to your work as well investigate a variety of medias and techniques.

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-mâché, 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
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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
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Prerequisites: Drawing I, Drawing II, Painting I, or teacher approval

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 10.

Art/Theatre

0628	Theatre I	Semester	Credit: 0.5	Grades 9-12	Elective
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Engage in the art of acting by rehearsing and performing daily in class. Understand the language of the stage. Learn to analyze and interpret play text and roles. Memorize lines, work individually and in groups to understand the importance of theatre in society.

0630	Theatre II	Semester	Credit: 0.5	Grades 9-12	Elective
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Prerequisite: Theatre I

Develop your directing skills as you take creative control of your own performances. While working with your peers, organize, plan and give constructive feedback to actors as well as implement your own design concepts. Become an efficient and creative leader. Develop communication and organizational skills giving you the confidence and tools necessary to create dynamic performances.

0632 Theatre III	Semester	Credit: 0.5	Grades 10-12	Elective
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Prerequisite: Theatre II

Function as part of a production company as you rehearse and perform a play. Working in both performance and technical roles is required. Collaborate with local theatre companies and universities to prepare for post-secondary work in the theatre field.

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.

Transcripted Credit with CVTC. See chart on page 11.



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 11.



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 11.



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

Make social networking productive! Students will use various social media platforms to understand the importance of digital ethics and internet safety in the business world. Engage in collaborative projects and interactive learning.

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

Record the history of your high school! Learn to design, edit, and promote a yearbook providing you with a real-life opportunity to apply critical thinking, creativity, teamwork, and technological savvy. Create published pages using the industry standard software – Adobe Photoshop and InDesign.

Business, Marketing, & Information Technology

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

Prerequisite: Yearbook I

Take a more active leadership role in the design and editing of the yearbook. Advanced skills using the industry standard software, Adobe Photoshop and InDesign, will be developed.

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.

Transcribed Credit with CVTC. See chart on page 11.



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.

Transcribed Credit with CVTC. See chart on page 11.



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.

Transcribed Credit with CVTC. See chart on page 11.



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 11.*



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.

Information Technology Youth Apprenticeships available in the areas below. See pages 32-33.

- Finance
- Information Technology
- Hospitality, Lodging, & Tourism



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.

0414 Baking and Pastry Arts Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Culinary Arts I

Prepare yourself for successful careers as baking and pastry professionals. Build foundational skills using specific applications and recipes. Prepare a wide array of baked goods, pastries, and confections. Explore gluten free baking, recipe planning & preparation, and altering & preparing recipes to address other dietary restrictions.

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.

Family and Consumer Sciences

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

Transcripted Credit with CVTC. See chart on page 11.



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 "Assistant Child Care Teacher" (ACCT) 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.

Transcripted Credit with CVTC. See chart on page 11.



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.

Family and Consumer Sciences Youth Apprenticeships available in the areas below. See pages 32-33.

- Family & Consumer Sciences
- Health Science
- Hospitality, Lodging, & 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.

Independent Programs

1700 **Library Assistant**

Semester

Credit: 0.5

Grades 10-12

Elective

Learn about library operations and services! Practice customer service, book and IMC promotions, materials access, operations of MS Office Suite, inventory management software, and advanced database usage. Identify genres and current trends in Young Adult literature. Good reading comprehension, problem solving skills, and communication skills are desirable.





Youth Apprenticeships and Work-Based Learning Programs

Youth Apprenticeships 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 a Youth Apprenticeship, contact the Youth Apprenticeship coordinator, Drew Seveland at aseveland1@ecasd.us.

Availability of Youth Apprenticeship opportunities is dependent on the number of businesses in the community willing to partner with the school district.

YOUTH APPRENTICESHIP PROGRAM		RELATED COURSES: Taken prior to or concurrently
Agriculture, Food, & Natural Resources GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Small Animals • Veterinary Science I, II • Wildlife Management I, II • Other Options available
Transportation, Distribution, & Logistics GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Recreational Small Engines • Vehicle Care • Automotive Mechanics I, II • Other Options available
Information Technology GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Web Design Applications I, II • Accounting I • Microsoft Office Suite • Other Options Available
Science, Technology, Engineering, & Math (STEM) GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Civil Engineering and Architecture • Introduction to Engineering Design • Principles of Engineering • Other Options available
Family & Consumer Sciences GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Culinary I, II • World Cuisines • Food Science • Family & Consumer Sciences • Other Options available
Finance GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Personal Finance • Entrepreneurship • Accounting I, II, III • Business Youth apprenticeship Classroom Component • Marketing I, II • Other Options available
Art, A/V Technology, & Communications GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Printing Graphics I, II, III • Desktop Publishing • Other Options available

YOUTH APPRENTICESHIP PROGRAM		RELATED COURSES: Taken prior to or concurrently
Health Science GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • PREREQUISITE: Basic Nursing Assistant and CNA license (at CVTC through Youth Options) • Health Science Occupations • Medical Terminology (at CVTC through Youth Options) • Other Options available
Hospitality, Lodging, & Tourism GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Entrepreneurship • Marketing I, II • Culinary I, II • Other Options available
Manufacturing GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Metals/Welding I • Woodworking
Architecture & Construction GRADE: 11, 12	1 credit /year	<ul style="list-style-type: none"> • Construction I, II • Other Options available



Language Arts

0600	English 9	Year	Credit: 1.0	Grade 9	Fulfills Requirement
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
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
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
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
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
Prepare for post-secondary opportunities and acquire important 21 st 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
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. <i>Advanced Placement courses provide an opportunity to earn college credit. See chart on page 10.</i>					
0618	Advanced Placement English Literature & Composition	Year	Credit: 1.0	Grade 11-12	Fulfills Requirement
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. <i>Advanced Placement courses provide an opportunity to earn college credit. See chart on page 10.</i>					

Language Arts

0619 **Grammar and Usage** Semester Credit: 0.5 Grades 10-12 Elective

Improve your scores on college entrance exams by improving your grammatical knowledge and quality of writing. A formal study of English grammar, usage, and syntax applied to your writing.

0620 **Journalism I** Year Credit: 1.0 Grades 9-12 Elective

Learn the fundamentals of journalistic newswriting, interview sources, write news stories and practice photojournalism. Participate in planning, writing, and producing the school's online news site. Excellent work processing skills are a must. Additional computer expertise, including Photoshop, is a valuable skill to bring to this class.

0622 **Journalism II** Year Credit: 1.0 Grades 10-12 Elective

Prerequisite: Journalism I

Continue to improve your journalistic skills while producing an online news source. Work beyond class time to meet news deadlines!

0626 **Writing with Style** Semester Credit: 0.5 Grades 11-12 Elective

Focus on your creative, critical, and personal writing skills in both an individual and workshop setting to produce high quality original writing. You will be required to submit some of your writing for publication!

0628 **Theatre I** Semester Credit: 0.5 Grades 9-12 Elective

Engage in the art of acting by rehearsing and performing daily in class. Understand the language of the stage. Learn to analyze and interpret play text and roles. Memorize lines, work individually and in groups to understand the importance of theatre in society.

0630 **Theatre II** Semester Credit: 0.5 Grades 9-12 Elective

Prerequisite: Theatre I

Develop your directing skills as you take creative control of your own performances. While working with your peers, organize, plan and give constructive feedback to actors as well as implement your own design concepts. Become an efficient and creative leader. Develop communication and organizational skills giving you the confidence and tools necessary to create dynamic performances.

0632 **Theatre III** Semester Credit: 0.5 Grades 10-12 Elective

Prerequisite: Theatre II

Function as part of a production company as you rehearse and perform a play. Working in both performance and technical roles is required. Collaborate with local theatre companies and universities to prepare for post-secondary work in the theatre field.

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; exponents; and, inequalities using critical thinking.

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	Enriched 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 Enriched Geometry

Solve equations and systems of equations while studying a variety of functions; logarithmic, trigonometric, and polynomial functions.

You are required to purchase or check-out any TI-84 graphing calculator for this class.

0717	Enriched Algebra II & Trigonometry	Year	Credit: 1.0	Grades 9-12	Fulfills Requirement
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Prerequisite: Geometry or Enriched 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	Credit: 0.5	Grades 12	Fulfills Requirement
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Prerequisite: Algebra II, Algebra II & Trigonometry, Enriched 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	Credit: 0.5	Grades 12	Fulfills Requirement
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Prerequisite: Algebra II, Algebra II & Trigonometry, Enriched 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 level

Math

0722	Precalculus	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
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Prerequisite: Algebra II and Trigonometry or Enriched 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	Enriched Precalculus	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
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Prerequisite: Algebra II & Trigonometry or Enriched Algebra II & Trigonometry

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
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Prerequisite: Algebra II & Trigonometry or Enriched 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 10.

0726	Advanced Placement Calculus AB	Year	Credit: 1.0	Grades 11-12	Fulfills Requirement
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Prerequisite: Precalculus or Enriched 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 10.

0728	Advanced Placement Calculus BC	Year	Credit: 1.0	Grades 11-12	Fulfills Requirement
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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 10.

1312	Digital Electronics	Year	Credit: 1.0	Grades 10-12	Fulfills Math Requirement
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Prerequisite or concurrent enrollment: Algebra II or Algebra II & Trigonometry

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 11.

Music - Band

0800	Entry Level Concert Band Memorial: Purple & White Bands North: Band 9	Year	Credit: 1.0	Grade 9	Elective
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Prerequisite: Previous band, orchestra, or piano experience

Marches, overtures, contest repertoire and show tunes. Participate in sectionals, ensembles and full band instruction with several concert performances throughout the year including parades, pep band and festivals.

0802	Intermediate Level Concert Band Memorial: Eagle Band North: Husky Band	Year	Credit: 1.0	Grades 10-12	Elective
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With an emphasis on the symphonic band repertoire, perform in several concerts and one contest each year, as well as at parades and the homecoming game.

0804	Intermediate/Advanced Level Concert Band Memorial: Concert Band North: Varsity Band	Year	Credit: 1.0	Grades 10-12	Elective
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Qualification through spring auditions

With an emphasis on the symphonic band repertoire, perform at home football games, winter sports, and the Memorial Day Parade.

0806	Advanced Level Concert Band Memorial: Old Abe Wind Ensemble North: Wind Ensemble	Year	Credit: 1.0	Grades 10-12	Elective
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Qualification through spring auditions

With an emphasis on the symphonic band repertoire, perform at home football games, winter sports, and the Memorial Day Parade.

0807	Entry Level Jazz: Jazz II (North only)	Year	Credit: 1.0	Grades 9-12	Elective
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Concurrent Enrollment: Band or Orchestra

Build a foundation as a jazz musician with this introduction to a variety of jazz styles including improvisation. Perform in fall and spring concerts, and jazz festivals.

0808	Entry Level Jazz: Jazz III Early Bird (Memorial only)	Year	Credit: 0.5	Grades 9-10	Elective
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Concurrent Enrollment: Band or Orchestra

Build a foundation as a jazz musician with this introduction to a variety of jazz styles including improvisation. Perform in fall and spring concerts, and jazz festivals.

Music - Band

0810 **Intermediate Level Jazz: Jazz II
(Memorial only)** Year Credit: 0.5 Grades 10-12 Elective

Qualification through spring auditions

Concurrent Enrollment: Band or Orchestra (with the exception of the guitar)

Develop your skills as a jazz musician! Enhance your improvisation skills using a variety of modes, techniques and transcriptions. Perform at concerts and festivals.

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

0812 **Advanced Level Jazz: Jazz I** Year Credit: 1.0 Grades 10-12 Elective

Qualification through spring auditions

Concurrent Enrollment: Band or Orchestra (with the exception of the guitar)

As an advanced jazz student, your focus will be on quality jazz literature and improvisation skills. Perform at a variety of local, regional, and possibly national concerts/festivals/venues.

Music - Orchestra

0814 **Concert Orchestra** Year Credit: 1.0 Grades 9-12 Elective

Any high school string student can take this course!

0816 **Entry Level Orchestra
(Memorial only)** Year Credit: 0.5 Grades 9-12 Elective

Any high school string student can take this course! Play with Concert Orchestra every other day.

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

0818 **Advanced Level Orchestra:
Symphony Orchestra** Year Credit: 1.0 Grades 10-12 Elective

Qualification through spring auditions and/or consent of the instructor

With a repertoire including string and full orchestra music, perform at fall and spring concerts, social events and special activities. Develop your playing techniques and skills performing a variety of music styles.

Music - Vocal

0820	Entry Level Choir Memorial: Treble Choir North: Freshmen Women's Choir	Year	Credit: 1.0	Grade 9	Elective
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Be part of an entry level all female, large group singing experience and perform at concerts, contests, and community events.

0821	Entry Level Choir: Men's Choir (North only)	Year	Credit: 1.0	Grade 9-12 NHS	Elective
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Be part of an all-male choir performing music that is specific to the male voice. Perform at concerts, contests, and community events.

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

0822	Intermediate Level Choir: Mixed Choir (Memorial only)	Year	Credit: 1.0	Grades 10-12	Elective
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Participate in a primarily sophomore-level choir and perform at concerts, contests, and community events.

0824	Upper Level Choir: Concert Choir	Year	Credit: 1.0 MHS Credit: 0.5 NHS	Grades 11-12 MHS Grades 10-12 NHS	Elective
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Qualification through spring auditions and/or consent of the instructor

North concurrent enrollment: Advanced Show Choir: Northernaires (0828) 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.

Be part of an upper-level choir made up of experienced male/female singers. Perform at concerts, contests, and community events as an advanced choir.

0826	Intermediate Level Show Choir: Eagle Show Choir (Memorial only)	Year	Credit: 0.5	Grades 10-12	Elective
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Qualification through spring auditions and/or consent of the instructor

Concurrent Enrollment: Mixed Choir

Sing and dance to popular music! Gain experience and develop a foundation for show choir skills performing at concerts, contests and exhibitions.

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

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

0827	Intermediate Level Treble Choir: North Singers (North only)	Year	Credit: 1.0	Grades 10-12	Elective
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Participate in an all-female choir made up of experienced 10-12th grade singers. Build on your fundamental knowledge and deepen your understanding of voice, music, and ensemble singing. Perform at concerts, contests, and community events.

Music - Vocal

0828 **Advanced Show Choir** Year Credit: 0.5 Grades 10-12 Elective
Memorial: Old Abe Show Choir
North: Northernaires

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** Year Credit: 1.0 Grades 9-12 Elective
(North only)

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** Year Credit: 0.5 Grades 11-12 Elective
(Memorial only)

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

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 10.



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.

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.

Physical Education

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, kubb, golf, volleyball, 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.

0928	Level 4 Strength and Conditioning III (North only)	Semester	Credit: 0.5	Grade 12	Elective
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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
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Remain active during your senior year. Participate in highly competitive activities based on your interests.

Science

1100	Earth Science	Semester	Credit: 0.5	Grade 9	Fulfills Requirement
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Satisfies 0.5 credit Earth Science requirement

Improve your laboratory skills while studying the earth and the forces that shape it.

1102	Honors Earth Science	Semester	Credit: 0.5	Grade 9	Fulfills Requirement
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Satisfies 0.5 credit Earth Science requirement

If you are a highly motivated student with a high aptitude in math and science, challenge yourself in this accelerated study of the earth using inquiry, problem solving, and independent learning.

1104	Astronomy/Geology	Semester	Credit: 0.5	Grades 9-12	Fulfills Requirement
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Prerequisite: Earth Science or Honors Earth Science

Satisfies 0.5 credit Physical Science requirement

Learn about the Earth's surface and interior while developing your skill to study other objects in our solar system. Explore our solar system, stars, and galaxies, as well as recent discoveries in astronomy.

1106	Biology	Year	Credit: 1.0	Grades 9-10	Fulfills Requirement
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Satisfies 1.0 credit Life Science requirement

Enhance your curiosity about living things and their environments in this introduction to the life sciences.

1114	Chemistry	Year	Credit: 1.0	Grades 9-12	Fulfills Requirement
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Prerequisite: Algebra I

Satisfies 1.0 credit Physical Science requirement

Investigate the core concepts of chemistry in order to prepare for post-secondary studies. You will develop strong laboratory techniques and problem-solving skills. This math-intensive course includes classic topics such as atomic theory, chemical bonding and reactions, formula writing, states of matter, thermochemistry, and solutions.

1118	Oceanography/Meteorology	Semester	Credit: 0.5	Grades 10-12	Fulfills Requirement
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Prerequisite: Earth Science or Honors Earth Science

Satisfies 0.5 credit Physical Science requirement

Study the ocean from its surface to its depths, and explore the interaction between the ocean and the atmosphere. Learn to forecast the weather and understand the responsibility of meteorologists through the study of the Earth's atmosphere.

1120	Physics	Year	Credit: 1.0	Grades 9-12	Fulfills Requirement
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Prerequisite or Concurrent enrollment: Algebra II or Algebra II & Trigonometry

Satisfies 1.0 credit Physical Science requirement

Discover the fundamental concepts that govern our natural world in this activity based course where you will learn about linear and rotational motion, forces, energy, momentum, and circular motion. Participate in hands on laboratory explorations using digital equipment, data analysis, and peer to peer problem solving.

Science

1126	Advanced Placement Biology	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
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Prerequisite: Biology and completion or concurrent enrollment in Chemistry or AP Chemistry

Satisfies 1.0 credit Life Science requirement

Learn about the core scientific principles, theories, and processes governing living organisms, biological systems, and natural phenomena. Understand key science practices you can use to develop explanations and predictions of natural phenomena, which you will test and refine through laboratory investigations. Develop advanced reasoning and inquiry skills as you design experiments, collect and analyze data using mathematics and other methods, and interpret that data to draw conclusions.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 10.

1128	Biotechnology	Semester	Credit: 0.5	Grades 11- 12	Fulfills Requirement
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Prerequisite: Biology and completion or concurrent enrollment in Chemistry

Satisfies 0.5 credit Life Science requirement

Explore, at a college-level, how cellular processes inform and advance applications in medicine and biotechnology. Learn about how we got to where we are today, current exploration, and future expectations with topics including cells; biosynthesis; protein structure and function; DNA and chromosomes; and genes.

Transcribed Credit with CVTC. See chart on page 11.



1134	Advanced Placement Chemistry	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
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Prerequisite: Chemistry and Algebra II & Trigonometry

Satisfies 1.0 credit Physical Science requirement

Gain a deeper understanding of chemistry concepts to prepare for science related post secondary studies. Develop your ability to think critically and express your ideas with clarity and logic. Work with classmates to conduct inquiry based laboratory investigations, interpret your findings, and communicate your results. This math intensive, rigorous course includes in depth coverage of general chemistry topics as well as kinetics, equilibrium, and electrochemistry.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 10.

1136	Environmental Science A	Semester	Credit: 0.5	Grades 10-12	Fulfills Requirement
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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
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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 threats to our atmosphere, renewable/nonrenewable resources, and biodiversity. Participate in field work in local Wisconsin natural areas.

Science

1140	Introduction to Human Anatomy and Physiology	Semester	Credit: 0.5	Grades 10-12	Fulfills Requirement
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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.

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 #1120.

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 10.

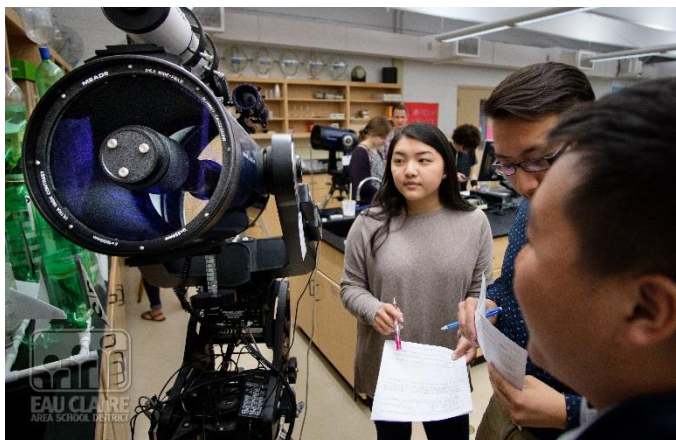
1324	Principles of Engineering	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
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Prerequisite: 2 years of Math and 1 1/2 years of Science

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 11.



Social Studies

1200	United States History	Semester	Credit: 0.5	Grade 9	Fulfills Requirement
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Satisfies Freshmen Social Studies requirement

Learn America's history from the 1929 crash of the stock market through September 11, 2001.

1202	Advanced Placement United States History	Year	Credit: 1.0	Grades 10-12	Fulfills Requirement
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Satisfies Freshmen Social Studies requirement

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.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 10.

1204	World Studies	Year	Credit: 1.0	Grade 10	Fulfills Requirement
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Satisfies Sophomore Social Studies requirement

An introduction to the forces, events, individuals, and issues that define the interaction and interdependence of our world in the 21st century. A 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
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Satisfies Sophomore Social Studies requirement

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.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 10.

1208	Government	Semester	Credit: 0.5	Grade 11	Fulfills Requirement
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Satisfies Junior Social Studies requirement

Citizenship! Understand your rights and responsibilities in our democracy. Develop a foundation for understanding our local, state, and national governments. The citizenship exam required by the state of WI for graduation will be administered in this class.

1210	Advanced Placement United States Government and Politics	Semester	Credit: 0.5	Grades 11-12	Fulfills Requirement
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Satisfies Junior Social Studies requirement

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. The citizenship exam required by the state of WI for graduation will be administered in this class.

Advanced Placement courses provide an opportunity to earn college credit. See chart on page 10.

Social Studies

1214	Principles of Economics	Semester	Credit: 0.5	Grade 12	Fulfills Requirement
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Satisfies Senior Economics requirement

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
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Satisfies Senior Economics requirement

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. *See chart on page 10.*

1218	Psychology	Semester	Credit: 0.5	Grade 12	Fulfills Requirement
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Satisfies Senior Behavioral Science requirement

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
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Satisfies Senior Behavioral Science requirement

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.

Advanced Placement courses provide an opportunity to earn college credit. *See chart on page 10.*

1222	Sociology/Social Issues	Semester	Credit: 0.5	Grade 12	Fulfills Requirement
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Satisfies Senior Behavioral Science requirement

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
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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
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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.

1232	Philosophy A	Semester	Credit: 0.5	Grades 10-12	Elective
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How do we know what we know? What is real? What is right or wrong action? What is just? Participate in a discussion-based study of metaphysics, epistemology, political philosophy, and ethics.

Social Studies

1234 **Philosophy B**

Semester

Credit: 0.5

Grades 10-12

Elective

Philosophy A is NOT required to take 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.



Technology & Engineering

1306 Entertainment Technology Year Credit: 1.0 Grades 9-12 Elective

Explore the technical side of the entertainment industry. Learn about sound systems, theatrical and concert lighting systems, video recording/editing and audio recording/editing using industry recognized equipment and software. As a student you will be trained for potential employment as an audio, lighting, and video technician for events that are held in the schools.

1309 Aerospace Engineering Year Credit 1.0 Grades 10-12 Elective

Propel your learning in the fundamentals of atmospheric and space flight. As you explore the physics of flight, bring the concepts to life by designing an airfoil, a propulsion system, and rockets. Learn basic orbital mechanics using industry-standard software. Explore robot systems through projects including remotely operated vehicles.

This is a Project Lead the Way (PLTW) course, a national college pre-engineering program. See chart on page 11.

1310 Introduction to Electricity and Wiring Semester Credit: 0.5 Grades 9-12 Elective

Acquire a solid foundation in electrical principles and practices! Residential installations will be the primary focus; many of the same practices can be applied to commercial and light industrial electrical construction. Develop critical thinking skills through problem solving and troubleshooting!

1312 Digital Electronics Year Credit: 1.0 Grades 10-12 Fulfills Math Requirement

Prerequisite or concurrent enrollment: Algebra II or Algebra II & Trigonometry

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 11.

1318 Introduction to Engineering Design Year Credit: 1.0 Grades 9-12 Elective

Dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. Work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document your work.

This is a Project Lead the Way (PLTW) course, a national college pre-engineering program. See chart on page 11.

1320 Civil Engineering and Architecture Year Credit: 1.0 Grades 10-12 Elective

Learn important aspects of building and site design and development. Apply math, science, and standard engineering practices to design both residential and commercial projects and document your work using 3D architecture design software.

This is a Project Lead the Way (PLTW) course, a national college pre-engineering program. See chart on page 11.



Technology & Engineering

1324 Principles of Engineering	Year	Credit: 1.0	Grades 10-12	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 11.

1326 Computer Integrated Manufacturing	Year	Credit: 1.0	Grades 10-12	Elective
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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 11.

1328 Photography I	Year	Credit: 1.0	Grades 9-12	Elective
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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 11.

1330 Photography II	Year	Credit: 1.0	Grades 10-12	Elective
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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 11.

1332 Printing Graphics I	Year	Credit: 1.0	Grades 9-12	Elective
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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
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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 Welding II Year Credit: 1.0 Grades 10-12 Elective

Prerequisites: Metals/Welding I

Learn occupational skills in welding construction with an emphasis on four position welding techniques (flat, vertical, horizontal, and overhead) utilizing Oxy-Acetylene Welding (OAW), Shielded Metal – Arc Welding (SMAW), Gas Tungsten – Arc Welding (GTAW) and Gas Metal – Arc Welding (GMAW) processes. Use print reading and fabrication along the way to weld various assigned and self initiated projects.

**Transcribed credit with CVTC in progress*

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).

Transcribed Credit with WITC. See chart on page 11.



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.

Technology & Engineering

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

If you plan to own a car in the future, 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.

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 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 11.

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.

Transcripted Credit with CVTC. See chart on page 11.



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

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 11.

Science, Technology, Engineering & Math Youth Apprenticeships available in the areas below. See page 32-33.

- Transportation, Distribution, & Logistics
- Science, Technology, Engineering, & Math (STEM)
- Art, A/V Technology, & Communications
- Manufacturing
- Architecture & Construction



World Languages

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.

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.

World Languages

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.

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 hiragana 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.

World Languages

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.

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.

SCHOOL-YEAR COURSES



★ Take classes from CVTC during high school to earn high school & college credits and credentials. Reach for the stars and take all of the classes listed within an academy and you will earn a college credential. Students will earn .5 high school credits for each class successfully completed. Sign up in Skyward using the ECASD course number. Students are expected to sign up for an entire academy, and not just individual courses.

Early Childhood Education Academy				
Credential Opportunity: Youth Apprenticeship & Registry/DPI Certification to be determined				
ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:
CV0001 Year-long for one class period in the ECASD	ECE: Infant & Toddler Development	3	307-151	• Early Childhood Education
	ECE: Foundations of Early Childhood Education	3	307-148	• Early Childhood Education
CV0002 Scheduled like an internship	ECE: Practicum 1	3	307-174	• Early Childhood Education

Entrepreneurship Academy					
Credential Opportunity: Entrepreneurship Technical Diploma					
	ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:
YEAR 1	CV0003 Year-long for one class period in the ECASD	Intro to Accounting	3	101-105	<ul style="list-style-type: none"> • Business Management • Digital Marketing • Entrepreneurship • Executive Assistant • Marketing • Office Assistant Office Receptionist • Paralegal • Sales Management
		Innovative Business Mindset	3	102-130	<ul style="list-style-type: none"> • Business Management • Entrepreneurship
YEAR 2	CV0004 Year-long for one class period in the ECASD	Marketing Principles	3	104-102	<ul style="list-style-type: none"> • Business Management • Digital Marketing • Entrepreneurship • Human Resources • Marketing • Organizational Leadership • Sales Management
		Business Law	3	102-160	<ul style="list-style-type: none"> • Accounting • Accounting Assistant • Entrepreneurship • Marketing

Entrepreneurship Academy Cont.

YEAR 3	CV0005 Year-long for one class period in the ECASD	Business Finance	3	102-172	<ul style="list-style-type: none">• Business Management• Entrepreneurship• Marketing• Organizational Leadership
		Entrepreneurial Capstone	3	145-109	<ul style="list-style-type: none">• Entrepreneurship
In order to earn the Entrepreneurship Technical Diploma, you must take both Entrepreneurship Academies offered (summer and school year), for a total of 11 courses.					

IT Networking & Computer Hardware Academy

ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:
CV0006 Year-long for one class period in the ECASD	Network Diagramming	1	150-120	<ul style="list-style-type: none"> • IT Network Specialist
	IT Networking Concepts	3	150-123	<ul style="list-style-type: none"> • IT Network Specialist
	Computer Hardware	4	150-143	<ul style="list-style-type: none"> • IT Network Specialist

Nail Tech Academy



Credential Opportunity: Nail Technician Technical Diploma

ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:	Course Schedule
CV0008 Spring semester for seniors only, on CVTC campus	Nail Technology	2	502-320	<ul style="list-style-type: none"> • Nail Technician • Cosmetology 	January 22-March 16, 2018 Monday 1-5pm & Friday 1-5pm
	Salon Science 1	1	808-323	<ul style="list-style-type: none"> • Nail Technician • Cosmetology 	January 22-March 16, 2018 Monday 12-1pm, Friday 12-1pm & Wednesday 1-3pm
CV0009 Spring semester for seniors only, on CVTC campus	Advanced Nail Technology	2	502-331	<ul style="list-style-type: none"> • Nail Technician 	March 25-May 17, 2018 Monday 4-8pm, Tuesday 1-3 pm & Thursday 5-7 pm
	Nail Salon Service	4	502-331	<ul style="list-style-type: none"> • Nail Technician 	March 25-May 17, 2018 Tuesday 3:30-8pm, Wednesday 3-8pm, Thursday 12-4:30pm & four Saturdays 10am-2pm

SUMMER COURSES



★ Take classes from CVTC during high school to earn college credits and credentials. Reach for the stars and take all of the classes listed within an academy and you will earn a college credential. Students may sign up for these courses at www.ecasd.us/cvtc.

Bookkeeper Academy



Credential Opportunity: Payroll Clerk


ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:	Course Schedule
#	Accounting 1	4	101-111	<ul style="list-style-type: none"> Accounting Accounting Assistant Bookkeeper Business Management Digital Marketing Marketing Sales Management 	This course is a pre-requisite and must be taken during the school year
CV0010	Payroll Accounting	3	101-121	<ul style="list-style-type: none"> Accounting Human Resources 	June 12-29, July 10-27 M-TH 9-11am
CV0011	Intro to QuickBooks	2	101-149	<ul style="list-style-type: none"> Accounting Entrepreneurship 	June 12-29, July 10-27 M-TH 12-2pm


Entrepreneurship Academy



Credential Opportunity: Entrepreneurship Technical Diploma

	ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:
YEAR 1	CV0012	Intro to QuickBooks	3	101-149	<ul style="list-style-type: none"> Accounting Entrepreneurship
YEAR 2	CV0013	Entrepreneurial Ideas	3	145-103	<ul style="list-style-type: none"> Entrepreneurship
	CV0014	Entrepreneurial Communication	2	145-104	<ul style="list-style-type: none"> Entrepreneurship
YEAR 3	CV0015	Entrepreneurial Marketing	2	145-108	<ul style="list-style-type: none"> Entrepreneurship
	CV0016	Entrepreneurial Management	3	145-106	<ul style="list-style-type: none"> Entrepreneurship
In order to earn the Entrepreneurship Technical Diploma, you must take both Entrepreneurship Academies offered (summer and school year), for a total of 11 courses.					

IT Software Academy 					
Credential Opportunity: IT User Support Technical Diploma					
ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:	Course Schedule
CV0017	Web 1 – HTML & CSS	3	152-107	• IT Software Developer	June 12-29, M-F 9am-2pm with lunch break
CV0018	Database 1	3	152-132	• IT Software Developer	July 10 -27, M-F 9am-2pm with lunch break
CV0019	Programming Fundamentals	3	152-101	• IT Software Developer	August 1-18, M-F 9am-2pm with lunch break
CV0020	Mathematics & Logic	3	804-133	• IT Software Developer	June 12-29, July 10-21 M-F 2:30-5:20pm
CV0021	Oral Interpersonal	3	801-196	• IT Software Developer	July 24-Aug. 18, M-F 2:30-5:15pm (Hybrid Option)

IT Advanced Academy 					
Credential Opportunity: IT Web Development Specialist Technical Diploma					
ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:	Course Schedule
CV0022	Operating Systems	2	152-106	• IT Software Developer	June 12-29, M-F 9am-2pm with lunch break
CV0023	Web 2 - Java Script	3	152-108	• IT Software Developer	July 10 -27, M-F 9am-2pm with lunch break
CV0024	Web Multimedia	3	152-159	• IT Software Developer	August 1-18, M-F 9am-2pm with lunch break
CV0025	Mathematics & Logic	3	804-133	• IT Software Developer	June 12-29, July 10-21 M-F 2:30-5:20pm
CV0026	Oral Interpersonal	3	801-196	• IT Software Developer	July 24-Aug. 18, M-F 2:30-5:15pm (Hybrid Option)

EVENING & WEEKEND COURSES



★ Take classes from CVTC during high school to earn college credits and credentials. Reach for the stars and take all of the classes listed within an academy and you will earn a college credential. All evening & weekend courses take place on the CVTC campus. Students may sign up for these courses at www.ecasd.us/cvtc.

CNA Academy					
Credential Opportunity: Certified Nursing Assistant					
ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:	Course Schedule
CV0027	Nursing Assistant	3	543-300	<ul style="list-style-type: none"> Nursing Nursing Assistant 	August 28-October 28 Monday – Lecture Wednesday – Lab 5:00-8:55 pm October 28-December 12 Monday or Tuesday Clinicals – 4:00-8:55 pm

EMT Academy					
Credential Opportunity: Emergency Medical Technician Technical Diploma					
ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:	Course Schedule
CV0028	Emergency Medical Technician	5	531-110	<ul style="list-style-type: none"> Emergency Medical Technician 	September 12, 2017 thru May 15, 2018 Tuesdays: 6-9pm and one Saturday a month 8 am-5 pm

Healthcare Exploratory Academy					
ECASD #	Course Name	CVTC Credits	CVTC #	CVTC Programs Requiring This Course:	Course Schedule
CV0030	Medical Terminology	3	501-101	Healthcare Programs	Offered Wednesday night 6-8:30pm, semester long 16 classes, offered each semester.
CV0031	General Anatomy & Physiology	3	806-177	Healthcare Programs	Offered Wednesday night 6-8:30pm, year-long: fall and spring semesters

COMING FALL 2018!

Culinary Arts Academy Courses Using the ProStart Curriculum

Course Name	CVTC Credits
Sanitation & Safety	1
Responsible Beverage	Non-Credit
Intro to Culinary Arts	2
Food Theory	2
Equipment Fundamentals	3
Professional Cooking 1	3
Professional Cooking 2	4
Nutrition	3
Menu Planning	2
Professional Practicum 1	1
Professional Cooking 3	4
Purchasing & Cost Control	3
Culinary Internship	2

****The following pages are a detailed description of the preceding CVTC courses.**

COLLEGE COURSES



	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
	Computer Hardware	4	150-143	11-12	Elective
<p>This course addresses the fundamentals of personal computer (PC) workstations, hardware systems, and the integration of operating systems used by business and industry. Course topics include: integration, configuration, troubleshooting, and documentation of PC subsystems, including motherboard architecture, form factors, power supplies, IDE devices and removable storage, system memory, multimedia devices, I/O devices, BIOS and boot process, and video/display fundamentals. Additionally, the integration, configuration, troubleshooting, and documentation of commonly used (current and legacy) operating systems, as they relate to system hardware, are explored.</p> <p>Offered during school year, semester long.</p>					

Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
High School	IT Networking Concepts	3	150-123	11-12	Elective
<p>This course provides strong foundational concepts that enhance the student's understanding of workstation hardware fundamentals, operating systems fundamentals, and networking fundamentals. Through instructor-led discussions, demonstrations, and lab exercises, the student will learn about the function of devices located within a workstation and the devices and services that are needed for a network to function. Students will also learn how to install and configure operating systems and perform file management tasks in both GUI and command line interface environments.</p> <p>Offered during the school year with Network Diagramming in the same class period, semester long.</p>					

Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
High School	Network Diagramming	1	150-120	11-12	Elective
<p>In this course, students receive hands-on training utilizing an industry-standard computer software program to document network design, layout, and architecture. Topics include the design and documentation of local area networks (LANs), wide area networks (WANs), and all popular internetworking devices.</p> <p>Offered during the school year with IT Network Concepts in the same class period, semester long.</p>					

COLLEGE COURSES



Location: High School	Course Name: ECE: Infant & Toddler Development	CVTC Credits: 3	CVTC #: 307-151	Grades: 10-12	Type: Elective
<p>In this 3-credit students study infant and toddler development as it applies to an early childhood education setting. Course competencies include: integrate strategies that support diversity and anti-bias perspectives, analyze development of infants and toddlers (conception to three years), correlate prenatal and postnatal conditions with development, summarize child development theories, analyze the role of heredity and the environment, examine culturally and developmentally appropriate environments for infants and toddlers, examine the role of brain development in early learning (conception through age three), and examine caregiving routines as curriculum.</p> <p>Offered during school year, semester long.</p>					

Location: High School	Course Name: ECE: Foundations of Early Childhood Education	CVTC Credits: 3	CVTC #: 307-148	Grades: 10-12	Type: Elective
<p>This 3-credit course introduces students to the early childhood profession. Course competencies include: integrate strategies that support diversity and anti-bias perspectives, investigate the history of early childhood education, examine regulatory requirements for early childhood education programs in Wisconsin, summarize types of early childhood education settings, identify the components of a quality early childhood education program, summarize responsibilities of early childhood education professionals, and explore early childhood curriculum models.</p> <p>Offered during school year, semester long.</p>					

COLLEGE COURSES



Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
	ECE Practicum 1	3	307-174	11-12	Elective
<p>In this 3-credit practicum course, students learn about and apply the course competencies in an actual child care setting. Students demonstrate competency to document children's behavior, explore the standards for quality early childhood education, explore strategies that support diversity and anti-bias perspectives, implement activities developed by the co-op teacher/instructor/student, demonstrate professional behaviors, practice caregiving routines as curriculum, and practice positive interpersonal skills with children and adults. Students learn to analyze how Wisconsin Early Learning Standards provide a framework of guiding principles, developmental expectations, and program and performance standards to delineate the five developmental domains that embody delivery of quality education and care to young children. Students incorporate Wisconsin Early Learning Standards with the principles of developmentally appropriate practice, intentionality, and the teaching cycle to examine child development, and evaluate program integration of the Standards into the teaching cycle of ongoing assessment, planning and curriculum goals and Implementation. Students identify specific goals and learning and assessment activities to promote the development of a focus child utilizing the Wisconsin Early Learning Standards and develop a plan for child learning utilizing the performance standards, developmental continuum and developmental domains that are based on experiential learning.</p> <p>Part of the Youth Apprenticeship Program Year-long June-May.</p> <p>Credential Opportunity when taking all three Early Childhood Education courses: Youth Apprenticeship and Registry/DPI Certification to be determined.</p>					

Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
CVTC	Culture of Healthcare	2	151-104	10-12	Elective
<p>This class provides an introduction to the culture of healthcare for students interested in working in various healthcare settings. Learners examine professionalism, interpersonal and written communication skills, problem-solving skills, and patient privacy and confidentiality issues as they relate to healthcare.</p> <p>Offered during school year, semester long.</p>					

COLLEGE COURSES



Location: CVTC	Course Name: Medical Terminology	CVTC Credits: 3	CVTC #: 501-101	Grades: 10-12	Type: Elective
<p>This course focuses on the component parts of medical terms: prefixes, suffixes, and word roots. Students practice formation, analysis, and reconstruction of terms with emphasis on spelling, definition, and pronunciation. Students are introduced to operative, diagnostic, therapeutic, and symptomatic terminology of all body systems, as well as systemic and surgical terminology.</p> <p>Offered Wednesday night 6-8:30, semester long 16 classes, offered each semester.</p>					

Location: CVTC	Course Name: General Anatomy & Physiology	CVTC Credits: 4	CVTC #: 806-177	Grades: 11-12	Type: Elective
<p>This course examines basic concepts of human anatomy and physiology as they relate to health sciences. Using a body systems approach, the course emphasizes the interrelationships between structure and function at the gross and microscopic levels of organization of the entire human body. It is intended to prepare health care professionals who need to apply basic concepts of whole body anatomy and physiology to informed decision-making and professional communication with colleagues and patients. Prerequisite of a C or better in high school or college chemistry with a lab component and a COMPASS Reading score of 80. If that is not achieved, students must take both 836-123 Prep for Anatomy & Physiology and 808-110 College Reading.</p> <p>Offered Wednesday night 6-8:30 pm, year-long: fall and spring semesters</p>					

Location: CVTC	Course Name: Nursing Assistant	CVTC Credits: 3	CVTC #: 543-300	Grades: 11-12	Type: Elective
<p>This 120-hour course is a combination lecture, lab in a classroom, and clinical practice conducted in long-term care facilities. It covers basic body function and structure, nutrition, nursing care procedures, and ethical and legal considerations. This course is recognized by the Wisconsin Department of Health Services as a nursing assistant training program. A Wisconsin criminal background check is required at the start of class.</p> <p>Youth Options outside of school day, each semester and summer.</p> <p>Credential Opportunity: Certified Nursing Assistant</p>					

COLLEGE COURSES



Location: CVTC	Course Name: Emergency Medical Technician	CVTC Credits: 5	CVTC #: 543-300	Grades: 11-12	Type: Elective
<p>This course prepares students for all aspects of emergency medical care, both medical and trauma situations, sanctioned by the Wisconsin Division of Health, at the basic level. Following the most current Wisconsin Revision of the National Standard Curriculum, this course includes didactic and practical skill information in the following areas: legal aspects, anatomy and physiology, patient assessment, critical thinking skills, airway adjuncts, fractures and dislocations, spinal injuries, soft tissue wounds, pharmacology, stroke, cardiac, diabetic, respiratory, altered mental status, pediatric, geriatric, ambulance operations, and triage. A student should be prepared to obtain 100 percent proficiency in all areas through punctuality, attendance, completion of assignments, class participation, and full cooperation with the instructor. Prerequisite: American Heart Association Healthcare Provider CPR (531-454) or American Red Cross CPR for the Professional Rescuer or American Safety and Health Institute CPR Professional Level CPR/AED or American Academy of Orthopedic Surgeons Professional Rescuer CPR, or Medic First Aid Basic Life Support For Professionals.</p> <p>One evening a week 6-9pm and one Saturday a month 8 am-5pm Credential Opportunity: EMT Technical Diploma-Must be 18 to take the test for the registry.</p>					

Location: CVTC	Course Name: Web 1 – HTML & CSS	CVTC Credits: 3	CVTC #: 152-107	Grades: 10-12	Type: Elective
<p>This course is designed to be a "first course" in web site development. Students work with a text editor and a browser to develop web pages from scratch using HTML and Cascading Style Sheets (CSS) to control color, layout, text, and images. Responsive design principles and accessibility standards are incorporated to ensure web sites are usable and professional-looking. Tables, forms, audio, and video components are included to add variety and pizzazz!</p> <p>Summer offering June 12-30, 2017 M-F 9am-2pm with lunch break.</p>					

COLLEGE COURSES



Location: CVTC	Course Name: Programming Fundamentals	CVTC Credits: 3	CVTC #: 152-101	Grades: 10-12	Type: Elective
<p>This course is designed to be a student's first programming course. It provides an introduction to fundamental computer programming concepts including: input-processing-output, if- then-else logic, for loops, while loops, and array processing. With an emphasis on hands-on activities, students use pseudocode and flowcharting tools to build problem-solving skills. Programming concepts and problem-solving skills are synergized and applied through the completion of a variety of programming exercises using the JavaScript programming language.</p> <p>Summer offering August 7-25, 2017 M-F 9 am-2 pm with lunch break.</p>					

Location: CVTC	Course Name: Database 1	CVTC Credits: 3	CVTC #: 152-132	Grades: 10-12	Type: Elective
<p>This course is designed to be a student's first database course. It provides an introduction to fundamental database terminology and concepts, with an emphasis on relational technology. Students use MS Access and SQLite to practice creating and loading relational tables as they learn the basics of database design. In addition, introductory SQL commands are utilized as simple database applications are developed.</p> <p>Summer offering July 10-28, 2017 M-F 9am-2pm with lunch break.</p> <p>Credential Opportunity when taking all three IT Software courses: IT User Support Embedded Technical Diploma.</p>					

COLLEGE COURSES



Location: CVTC	Course Name: Operating Systems	CVTC Credits: 2	CVTC #: 152-106	Grades: 10-12	Type: Elective
<p>This course is designed to be a student introduction to computer concepts and operating systems. By the end of the course, students will be able to maintain their own computer and use these concepts in future courses.</p> <p>Students learn fundamental computer concepts including:</p> <ul style="list-style-type: none">• Operating systems concepts• Computer Hardware components• File and disk management• OS and Software Installation and upgrades• Windows, Linux, and OSX command line interfaces• Networking and File Sharing• Security• Operating System monitoring and maintenance• Automation and Virtualization <p>Summer offering June 12-30, 2017 M-F 9am-2pm with lunch break.</p>					

Location: CVTC	Course Name: Web 2 – Java Script	CVTC Credits: 3	CVTC #: 152-108	Grades: 10-12	Type: Elective
<p>This course includes a study of creating dynamic web applications using client-side JavaScript and the server-side PHP environment.</p> <p>Summer offering July 10-28, 2017 M-F 9am-2pm with lunch break.</p>					

COLLEGE COURSES



Location: CVTC	Course Name: Web Multimedia	CVTC Credits: 3	CVTC #: 152-159	Grades: 10-12	Type: Elective
<p>Students create animation for the web using HTML 5's Canvas element, CSS3, and JavaScript. The jQuery library will be explored to create dynamic web content and animation of web page components. Other animation tools may be explored as time permits.</p> <p>Summer offering August 7-25, 2017 M-F 9am-2pm with lunch break.</p>					

Location: CVTC	Course Name: Mathematics and Logic	CVTC Credits: 3	CVTC #: 804-133	Grades: 11-12	Type: Elective
<p>Students apply problem solving techniques from discrete mathematics. Topics include symbolic logic, sets, algebra, and base number systems.</p> <p>Summer offering June 12-29, July 10-21, 2017 M-F 2:30pm-5:20pm</p>					

Location: CVTC	Course Name: Oral and Interpersonal	CVTC Credits: 3	CVTC #: 801-196	Grades: 11-12	Type: Elective
<p>This class focuses upon developing speaking, verbal and nonverbal communication, and listening skills through individual presentations, group activities, and other projects.</p> <p>Summer offering July 24-August 18 M-F 2:30 pm-5:15 pm (Hybrid Option).</p> <p>Credential Opportunity: Web 2 and Web Multimedia lead to IT Web Development Specialist</p> <p>Completion of all IT Software Academy and IT Advanced Academy courses completes almost a full year of the IT Software Program</p>					

Location: CVTC	Course Name: Payroll Accounting	CVTC Credits: 3	CVTC #: 101-121	Grades: 10-12	Type: Elective
<p>Students make the necessary payroll calculations including Social Security taxes, Federal Income Tax withholding taxes, and other payroll deductions. Learners study payroll record keeping, maintain employee earnings records, record payroll journal entries, prepare federal payroll forms, and generate payroll reports. A comprehensive payroll project is required.</p> <p>Summer offering June 12-29, July 10-27, M-Th 9-11 am</p>					

COLLEGE COURSES



Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
CVTC	Intro to QuickBooks	2	101-149	10-12	Elective
<p>This is a computerized accounting course in which the student is expected to have a basic understanding of the accounting fundamentals to be applied to the QuickBooks bookkeeping system. Students post transactions within the system including receipting for cash sales and sales on account as well as purchasing on account and with cash. Students also perform the bank reconciliations and financial statement preparation with the QuickBooks system.</p> <p>Summer offering June 12-29, July 10-27, M-Th, 12-2 pm Part of Entrepreneurship Academy as well Credential Opportunity: Intro to Accounting or Accounting 1 along with Payroll Accounting and Intro to QuickBooks leads to Bookkeeper Technical Diploma</p>					

Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
High School	Intro to Accounting	3	101-105	10-12	Elective
<p>This course introduces the learner to the basic accounting language and concepts of business entities. Skills such as applying fundamental accounting concepts, analyzing business transactions, identifying accounting control procedures, and preparing and evaluating financial statements will be developed. This course is intended for the non-accounting major.</p> <p>Offered during school year.</p>					

Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
High School	Accounting 1	4	101-111	10-12	Elective
<p>This course prepares the learner to analyze, record, summarize and interpret accounting information. This course focuses on business transactions, financial statements, merchandising business transactions, special journals, internal controls, receivables and plant assets. The learner will prepare accounting transactions for a practice set, including month-end transactions and preparation of the financial statements.</p> <p>Offered during school year.</p>					

COLLEGE COURSES



Location: High School	Course Name: Innovative Business Mindset	CVTC Credits: 3	CVTC #: 102-130	Grades: 10-12	Type: Elective
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In this course, students define the traits and mindset of entrepreneurs, use tools to determine their personal entrepreneurial traits, and examine a variety of innovative companies (small, social, and global). Students gain an understanding of the difference between entrepreneurs and intrapreneurs. Students evaluate existing business plans.

Offered during school year.

Location: High School	Course Name: Marketing Principles	CVTC Credits: 3	CVTC #: 104-102	Grades: 10-12	Type: Elective
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This course provides a comprehensive look at marketing concepts and functions. Concepts include: marketing mix, marketing decision making, segmentation, promotion, research, product development, distribution, and logistics. Marketing Principles introduces modern marketing practices, studies the essential role played by marketing in society, and techniques used for various industries.

Offered during school year.

Location:	Course Name: Business Law (Youth Options)	CVTC Credits: 3	CVTC #: 102-160	Grades: 10-12	Type: Elective
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Business Law is designed to help the student develop an understanding of the law and the relationship of the legal system to the business world. After consideration of the legal system, the course reviews contracts, sales and lease contracts, warranties, product liability, consumer law, bailments, creditors' rights, and bankruptcy.

Offered during school year.

COLLEGE COURSES



Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
	Business Finance (Youth Options)	3	101-172	10-12	Elective

In this course, aspects of organizational finance are explored. Students learn how to interpret financial statements as well as the process of budget analysis. It is imperative that leaders understand how to control and analyze the budgets they are responsible for.

Offered during school year.

	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
	Entrepreneurial Ideas	3	145-103	10-12	Elective

In this course, students generate ideas for entrepreneurial businesses, analyze market conditions, and determine the opportunities that exist for an entrepreneurial venture. Students learn about lean startups and determine the product-market fit/viability of the business idea. Ideas in this course are used and refined in the capstone course.

Summer offering 2018.

Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
CVTC	Entrepreneurial Communication	2	145-104	10-12	Elective

In this course, students develop the soft skills essential for entrepreneurs: networking, formal and informal presentations, professional business writing, and listening. Students establish a mentor relationship which will be maintained for the remainder of the program. Students identify local resources available for entrepreneurs. Ideas in this course are used and refined in the capstone course.

Summer offering 2018.

COLLEGE COURSES



Location: CVTC	Course Name: Entrepreneurial Marketing	CVTC Credits: 2	CVTC #: 145-108	Grades: 10-12	Type: Elective
<p>In this course, students gain insights essential for marketing an entrepreneurial venture utilizing innovative and financially responsible techniques. Students analyze marketing strategies used by a variety of successful entrepreneurs. Ideas in this course are used and refined in the capstone course.</p> <p>Summer offering 2018.</p>					

Location: CVTC	Course Name: Entrepreneurial Management	CVTC Credits: 3	CVTC #: 145-106	Grades: 10-12	Type: Elective
<p>In this course, students learn leadership concepts and develop basic management/operational policies. Students learn how to provide excellent customer service, develop sound operational practices, and examine human resource functions such as hiring, managing, and motivating employees. Ideas in this course are used and refined in the capstone course.</p> <p>Summer offering 2018.</p>					

Location:	Course Name: Entrepreneurial Capstone (Youth Options)	CVTC Credits: 3	CVTC #: 145-109	Grades: 10-12	Type: Elective
<p>In this course, students build a business plan and develop marketing and pricing strategies, financial statements, and understand their capital needs. Students walk away with a keen insight on their abilities as entrepreneurs.</p> <p>Offered during school year.</p>					

COLLEGE COURSES



Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
CVTC	Nail Technology	2	502-320	10-12	Elective
<p>Hand and nail care, including nail enhancements, nail care, pedicures, and manicures. Fundamentals will include basic nail terminology, basic acrylics, basic nail design, product knowledge, and safety and sanitation practices.</p> <p>January 22-March 16, 2018 Monday 1-5pm & Friday 1-5pm</p> <p>Note: Must take all Nail Technician Courses to enroll in the Nail Technician Academy</p>					

Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
CVTC	Salon Science 1	1	806-323	10-12	Elective
<p>This is a one credit course covering the basic science concepts essential in the beauty industry such as: regulations for health and safety, principles of infection, preventing the spread of disease, basic anatomy and physiology of cells, tissues, and systems, nail structures, growth, diseases and disorders, plus properties of light and electromagnetic waves.</p> <p>January 22-March 16, 2018</p> <p>Monday 12-1pm, Friday 12-1pm & Wednesday 1-3pm</p> <p>Note: Must take all Nail Technician Courses to enroll in the Nail Technician Academy</p>					

Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
CVTC	Advanced Nail Technology	2	502-331	10-12	Elective
<p>This course will provide students with advanced nail techniques. Fundamentals will include: nail terminology, acrylics, nail enhancements, gel services, nail design, product knowledge, and safety and sanitation procedures.</p> <p>March 25-May 17, 2018</p> <p>Monday 4-8pm, Tuesday 1-3 pm & Thursday 5-7 pm</p> <p>Note: Must take all Nail Technician Courses to enroll in the Nail Technician Academy</p>					

COLLEGE COURSES



Location:	Course Name:	CVTC Credits:	CVTC #:	Grades:	Type:
CVTC	Nail Salon Service	4	502-331	10-12	Elective
<p>This course will provide students with hands-on training using the fundamentals of Nail Technology and Advanced Nail Technology, while practicing safety/sanitation procedures and professionalism. This course will be taught in a lab setting providing Nail Technology services to the public. Product knowledge and retail skills will also be practiced.</p> <p>March 25-May 17, 2018 Tuesday 3:30-8pm, Wednesday 3-8pm Thursday 12-4:30pm & four Saturdays 10am-2pm Note: Must take all Nail Technician Courses to enroll in the Nail Technician Academy</p>					