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# Contact Information

**715-726-2406**

## Administration

<table>
<thead>
<tr>
<th>Building Principal</th>
<th>Grades 10 &amp; 12 Asst. Principal</th>
<th>Grades 9 &amp; 11 Asst. Principal</th>
<th>Dean of Students</th>
</tr>
</thead>
<tbody>
<tr>
<td>Donna Goodman, ext. 1182</td>
<td>Dave Hutzler, ext. 2204</td>
<td>Adam Zenner, ext. 1087</td>
<td>Joe Nelson, ext. 1082</td>
</tr>
<tr>
<td><a href="mailto:goodmadk@chipfalls.org">goodmadk@chipfalls.org</a></td>
<td><a href="mailto:hutzledm@chipfalls.org">hutzledm@chipfalls.org</a></td>
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<td><a href="mailto:nelsonjd@chipfalls.org">nelsonjd@chipfalls.org</a></td>
</tr>
</tbody>
</table>

## School Counselors

<table>
<thead>
<tr>
<th>A-Fa</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tiffany Michaud, ext. 1172</td>
</tr>
<tr>
<td><a href="mailto:michautd@chipfalls.org">michautd@chipfalls.org</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Fe-La</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ken Abel, ext. 1173</td>
</tr>
<tr>
<td><a href="mailto:abelkj@chipfalls.org">abelkj@chipfalls.org</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Le-R</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jenny Ebner, ext. 1174</td>
</tr>
<tr>
<td><a href="mailto:ebnerjj@chipfalls.org">ebnerjj@chipfalls.org</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S-Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>Luke Heidtke, ext. 1171</td>
</tr>
<tr>
<td><a href="mailto:heidtkld@chipfalls.org">heidtkld@chipfalls.org</a></td>
</tr>
</tbody>
</table>

## School Psychologist

<table>
<thead>
<tr>
<th>Steve Shilts, ext. 3020</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:shitlssj@chipfalls.org">shitlssj@chipfalls.org</a></td>
</tr>
</tbody>
</table>

## School Social Worker

<table>
<thead>
<tr>
<th>Teresa Wahl, ext. 3549</th>
</tr>
</thead>
<tbody>
<tr>
<td><a href="mailto:wahltm@chipfalls.org">wahltm@chipfalls.org</a></td>
</tr>
</tbody>
</table>

## Academic Chairs

### Business Education
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  - warrenhk@chipfalls.org

### English
- Pam Bowe, ext. 1916
  - bowepa@chipfalls.org
- Karen Drydyk, ext. 1125
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### Family & Consumer Science
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### Mathematics
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  - kedingjl@chipfalls.org

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  - bucklerc@chipfalls.org
- Mike Renneke, ext. 1467
  - rennekm@chipfalls.org

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  - fahertjp@chipfalls.org

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  - bestulrm@chipfalls.org
- Nick Gagnon, ext. 1244
  - gagnonnd@chipfalls.org

### Social Studies
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  - bobbjc@chipfalls.org
- Stacey Jackson, ext. 1245
  - jacksosj@chipfalls.org

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- Melissa Krause, ext. 1241
  - krausemm@chipfalls.org

### Technology Education
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  - heftybl@chipfalls.org

### Visual Arts
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  - handrijl@chipfalls.org

### World Languages
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  - nuttelml@chipfalls.org
- Angie Oplinger, ext. 1208
  - oplingac@chipfalls.org
# Graduation Requirements

## 28 Credit Requirement

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English</strong></td>
<td>4</td>
<td>*English 9, *English 10, Communications, any Writing Course, any Literature Course, and any English Elective</td>
</tr>
<tr>
<td><strong>Social Studies</strong></td>
<td>3.5</td>
<td>*World History or *AP Human Geography, *US History or *AP US History, American Government or *AP Government and Politics, Economics, and any Social Studies elective</td>
</tr>
</tbody>
</table>
| **Science**         | 3       | *Biology, Earth Science, a Chemistry course (Basic Chemistry, General Chemistry, or Pre-AP Chemistry) and a Physics course (Basic Physics, General Physics, or AP Physics)  
**NOTE:** Taking the minimum will only count as 2.5 credits. |
| **Math**            | 3       | *Algebra or equivalent, *Geometry or equivalent, and *Algebra II or equivalent |
| **Physical Education** | 1.5   | Physical Education 1, Physical Education 2, and any other Physical Education course in 11th or 12th grade |
| **Health**          | .5      |                                                                               |
| **Personal Finance**| .5      | or Adulting 101                                                              |

*Indicates courses that are year-long and worth 1 credit. Other courses meet for one semester and are worth 1/2 credit.

**Credit**

Credit is awarded upon the successful completion of a course.
Courses that meet for one semester are worth 1/2 credit.
Courses that meet all year are worth one credit. Grade point average, class rank and credits earned are calculated at the end of each semester.

**Course Load**

All students are required to be scheduled for eight class periods.

Board of Education Policy IGAB describes alternate processes for meeting graduation requirements. This policy typically pertains to students with unusual circumstances.
Four-Year College
Entrance Requirements

If your plans after graduation include a four-year college, keep in mind the five major factors upon which your college admissions are based:

1. The quality of your **course of study** while in high school
2. The grades earned in these courses and resulting grade point average and class rank
3. Your score on the **ACT** or **SAT**
4. The personal **recommendations** of your counselor and teachers
5. **Activities** both in and out of school (an important factor when scholarships are awarded)

Colleges each have their own individual requirements regarding admissions and they may change yearly. Thus, you should identify these requirements as early as possible to ensure you will meet them by high school graduation. Below are the minimum course requirements for the UW-System. Private and out-of-state schools may have additional requirements.

### 13 Core College Preparatory Credits:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4 credits</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3 credits</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3 credits</td>
</tr>
<tr>
<td>Mathematics *</td>
<td>3 credits including Algebra 1, Geometry, and Algebra II</td>
</tr>
</tbody>
</table>

### 4 Elective Credits

Can be chosen from the above core college preparatory areas, world language, fine arts, computer science and other academic areas. Some UW System institutions may also accept courses for some of these 4 elective credits.

### World Languages

In the University of Wisconsin System, UW-Madison is the only college that requires two years of the same world language. Other UW schools recommend it. Universities in Minnesota also require two years of the same world language.

*The University of Minnesota now requires 4 years of college preparatory mathematics for new students.*
Two-Year College
Entrance Requirements

Students may start their education at a two-year college and then transfer to a four-year college to earn a bachelor’s degree. After fulfilling certain credit and grade point average requirements, students that participate in the Guaranteed Transfer Program are guaranteed admission into the UW university of their choice. The Guaranteed Transfer Program guarantees admission to the baccalaureate institution only and not to the specific program or major.

Two-year colleges are different than technical schools. In Wisconsin the two-year colleges belong to the UW System. UW-Barron County is an example of a two-year college. Entrance requirements include:

1. Have **graduated** from a recognized high school, have a GED, or present other evidence of ability to begin university work.
2. Have a minimum of **17 college preparatory credits**. Thirteen of the 17 credits must be distributed as follows:

<table>
<thead>
<tr>
<th>Subject</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English</td>
<td>4</td>
</tr>
<tr>
<td>Social Studies</td>
<td>3</td>
</tr>
<tr>
<td>Natural Science</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics *</td>
<td>3</td>
</tr>
</tbody>
</table>

   (must include at least one credit of algebra and

   The remaining four credits will be from the above areas, world languages, fine arts, computer science or other academic areas.

3. Submit an **ACT** or **SAT** score. Your ACT or SAT score must be received before you are permitted to register for classes.

If you are admitted and your high school record, placement test scores, or other previous academic performance indicates that you may have difficulty with university work, you will be required to participate in special programs aimed at preparing you to succeed in university-level coursework. Please note that some of these courses may not count toward your college degree.
Technical College
Entrance Requirements

Technical colleges provide affordable, career oriented programs for many high skilled, technical jobs in the state. Small class size, flexible scheduling, and a high job placement rate are all attractive features of these schools. Students spend most of their class time in job-related settings where they receive hands-on training from experienced instructors. Degrees offered range from short-term programs and certificates, to technical diplomas and associate degrees which take one to two years to complete. Chippewa Valley Technical College also offers the Liberal Arts Transfer Program in which students wanting to earn a bachelor’s degree may transfer to a university after approximately two years. CVTC has a formal transfer agreement with UW-Eau Claire, UW-Stout, and UW-River Falls.

Technical colleges currently have an open enrollment policy, which requires a high school diploma or equivalency diploma. **Specific programs may have specific requirements** for admittance.

It is important to check the specific program requirements on the college’s website. Chippewa Valley Technical College’s website is located at: [www.cvtc.edu](http://www.cvtc.edu).
High School Plan

For your convenience, a 4-year, 8 semester scheduling table is included below. Courses which are required or recommended in specific years are written in to help guide your choices. Please see your counselor for individual planning needs.

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>Grade 10</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 1</strong></td>
</tr>
<tr>
<td>Phy Ed 1</td>
<td>Phy. Ed 2</td>
</tr>
<tr>
<td>English 9</td>
<td>English 10 or AP English 10</td>
</tr>
<tr>
<td>World History or World History or</td>
<td></td>
</tr>
<tr>
<td>AP Human Geo</td>
<td>AP Human Geo</td>
</tr>
<tr>
<td>Algebra (or equiv.)</td>
<td>Algebra (or equiv.)</td>
</tr>
<tr>
<td>Biology</td>
<td>Biology</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Sophomore student parent conferencing with school counselors will be held November—April.

<table>
<thead>
<tr>
<th>Grade 11</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 1</strong></td>
</tr>
<tr>
<td>Communications</td>
<td>Literature or Writing</td>
</tr>
<tr>
<td>Gov. or AP Gov./Pol.</td>
<td>Economics</td>
</tr>
<tr>
<td>Phy. Ed</td>
<td>Pers. Finance or Adulting 101</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Grade 12</th>
<th>Grade 12</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Semester 1</strong></td>
<td><strong>Semester 2</strong></td>
</tr>
<tr>
<td>Literature or Writing</td>
<td>English Elective</td>
</tr>
<tr>
<td>Soc. Studies Elective</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Career Planning & Testing

Individual Conference with Counselors

Parents, guardians, and students are welcome to make appointments with counselors anytime throughout the year. The conference listed below is specifically designed for educational and career planning.

Sophomore Conference

As students look forward to their junior and senior years, career exploration and planning is vital. There are critical items that need to be discussed and completed in the junior year to ensure that plans can progress. Topics covered include credit status toward graduation, review of ACT Aspire, testing preview for junior and senior years, junior course selections, recommendation for senior courses, and scholarship positioning ideas. The Academic and Career Plan (ACP) will also be reviewed and modified as necessary.

Sophomore conferences are scheduled with each student and their parents or guardians between November and March. The conferences last approximately 45 minutes. Look for more information through Infinite Campus, the Guidelines newsletter, the mail, or our Facebook page.

College Admission Tests

ACT

The ACT is given to all Wisconsin juniors in March as part of our state assessment system. There is no fee for students when taking the ACT for state assessment purposes.

The ACT is the preferred admission test of four-year colleges and universities throughout the Midwest. University of Wisconsin two-year colleges (i.e. UW-Barron County) also require an ACT score. The ACT is a multiple choice test and covers four skill areas: English, Math, Reading and Science. The Writing test which is optional, measures skills in planning and writing a short essay. None of the schools in Wisconsin require the writing portion. U of MN in Rochester is the only school in Minnesota that requires it. The National ACT is given six times each year. For current dates, fees, and registration go to www.actstudent.org.

SAT

The SAT is offered on Saturday mornings seven times throughout the year. Basic subject areas include Mathematical Reasoning, Critical Reasoning, and a writing assessment. Some selective schools may require the SAT I or the SAT II test in a given subject area. For more information stop in Student Services or go online at www.collegeboard.com.
Optional Tests

**PSAT**

The PSAT or Preliminary Scholastic Aptitude Test, is offered in October. Some students may want to take the PSAT to practice taking a standardized college entrance test. Juniors with very high PSAT scores may qualify for the National Merit Scholarship Program. PSAT scores may be required for certain highly selective scholarships, so students with a high class rank or those who are good at taking standardized tests may be interested. Cost is approximately $15.00. Students register in Student Services in late September.

**ASVAB**

The Armed Services Vocational Aptitude Battery, or ASVAB, is offered on a weekday morning in December to interested juniors and seniors. The test is FREE and is conducted by military personnel at the school. Students considering military options after high school may want to take the ASVAB. In addition, the test includes a very good vocational component which many students use in the career development process. Students register in Student Services in November/December.

State Mandated Tests

**Grades 9 & 10 ACT Aspire**

The ACT Aspire is an online assessment given in May and assesses English, Math, Reading, Science, and Writing for students in grades 9 & 10.

**Grade 11 - ACT**

The ACT is a multiple choice test and is given to all Wisconsin juniors in March as part of our state assessment system. Students will be tested in English, Math, Reading, Science, and Writing.
General Information

Grade Levels
Chippewa Falls High School serves grades 9, 10, 11, and 12. Credits for graduation are earned in grades 9, 10, 11, and 12.

School Year
The school year consists of 2 semesters beginning in September and January. Each semester is divided into 2 quarters.

Scheduling
Scheduling for both semesters is done in the preceding year. Students must take 8 classes per semester. Pursuant to Wis. Statute 118.33(1), students may not be excused for work during school hours except for those on credit (co-op) work programs.

Courses
All courses are given the credit value listed in the descriptions. One-half credit is granted after satisfactory completion of one semester of work, unless otherwise noted. Up to 8 credits per year may be earned. Course offerings vary in difficulty. Courses with three *** are the most rigorous, and courses with two ** are somewhat rigorous.

Student Evaluation
Letter grades are used to evaluate student work. Quarter and semester grades are placed on report cards. Semester grades are placed on the permanent record and are used for class ranking purposes.

<table>
<thead>
<tr>
<th>Grade</th>
<th>GPA</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
<td>92.5 - 100</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
<td>89.5 - 92.4</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
<td>87.5 - 89.4</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
<td>82.5 - 87.4</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
<td>79.5 - 82.4</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
<td>77.5 - 79.4</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
<td>72.5 - 77.4</td>
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<tr>
<td>C-</td>
<td>1.67</td>
<td>69.5 - 72.4</td>
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<td>D</td>
<td>1.00</td>
<td>62.5 - 67.4</td>
</tr>
<tr>
<td>D-</td>
<td>0.67</td>
<td>59.5 - 62.4</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
<td>Below 59.4</td>
</tr>
</tbody>
</table>
**Graduation Requirements**

A total of 28 credits are needed for graduation, including the 16 required plus 12 elective credits. Students are also required to pass Personal Finance or Adulting 101 to fulfill the Financial Literacy requirement.

**Early Graduation**

Occasionally, we receive requests from juniors regarding graduating at mid-term of their senior year. Because this is a very important decision requiring much thought and planning, juniors and their parents must meet with the counselor to fill out an application to apply for early graduation. Applications are due in early May of the junior year.

**Schedule Changes**

Chippewa Falls Senior High School has based our master course schedule on a combination of student requests, district needs, and efficient allocation of district resources. It is important to understand that we are making commitments based on the course selections made by the student. Therefore, great care, thought and consideration should be given to course choices. Keeping this in mind, the school expects students and parents to honor their commitments.

Students will have the opportunity to review their course selections in the spring of the year. If a student would like to request a change in selection, a request will need to be made in writing no later than April 15. Forms will be available in Student Services and on the Student Services website.

**Schedule Corrections:**

After April 15, the only time that a schedule change can be made is if there is a need for a correction in a student’s schedule. These include: an incomplete schedule, a prerequisite not met, missing a graduation/college admission requirement, or inappropriate course placement as agreed upon by the teacher.

**Teacher Changes:**

Due to scheduling and staffing requirements involved in developing student schedules, requests to change teachers will not be honored unless extreme extenuating circumstances are present. Administrative approval is required. It should be noted that year-long classes are treated as semesters thus, classroom teachers may change at the semester.

**Removal from a class for any reason** will be indicated with a WD/F on the student’s transcript and an F will be calculated into their grade point average.

**AP Course Audit**

Students have the option of auditing an AP class. Students will have up to one week after the posting of first quarter grades to change to audit status. Auditing allows the student to learn all of the concepts without the fear of a lesser grade because of the difficulty of the course. However, the student must earn a passing grade. If the student does not pass the course, an F will be listed on their transcript.
Dual Credit Opportunities

Students can begin their post high school education while in high school by taking advantage of several different opportunities. **Transcripted credit** allows students to take courses that are articulated with Chippewa Valley Technical College (CVTC) for both high school and technical college credit.

Transcripted courses are renewed by CVTC on an annual basis. Classes that are not renewed by CVTC will still be offered at the Chippewa Falls Senior High School without the opportunity for college credit. Other courses offered at Chippewa Falls High School are in the process of becoming transcripted. For the most up to date information regarding transcripted courses, please visit CVTC’s website at www.cvtc.edu.

Current transcripted courses include:

<table>
<thead>
<tr>
<th>CFHS Course</th>
<th>Credit</th>
<th>CVTC Course</th>
<th>Credit</th>
</tr>
</thead>
<tbody>
<tr>
<td>Animal Science</td>
<td>.5</td>
<td>Animal Science (Lecture and Lab)</td>
<td>3</td>
</tr>
<tr>
<td>Child Development 0-2</td>
<td>.5</td>
<td>ECE: Infant and Toddler</td>
<td>3</td>
</tr>
<tr>
<td>Working With Children</td>
<td>.5</td>
<td>ECE: Foundations of Early Child</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Education</td>
<td>.5</td>
<td>ECE: Intro to Educational Practices</td>
<td>3</td>
</tr>
<tr>
<td>Medical Terminology</td>
<td>.5</td>
<td>Medical Terminology</td>
<td>3</td>
</tr>
<tr>
<td>Productive Office Specialist II</td>
<td>.5</td>
<td>Microsoft Office Suite</td>
<td>2</td>
</tr>
<tr>
<td>Personal Finance</td>
<td>.5</td>
<td>CVTC Elective course</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Welding</td>
<td>.5</td>
<td>Related Welding-Auto Tech</td>
<td>1</td>
</tr>
<tr>
<td>Welding Technology</td>
<td>1</td>
<td>Related Welding</td>
<td>2</td>
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<tr>
<td>Abnormal Psychology</td>
<td>.5</td>
<td>Abnormal Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Accounting 3</td>
<td>.5</td>
<td>Accounting 1</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>.5</td>
<td>Principles of Management</td>
<td>3</td>
</tr>
<tr>
<td>Math for Technical Trades</td>
<td>1</td>
<td>Math for Technical Trades</td>
<td>3</td>
</tr>
<tr>
<td>Machine Tool Technology</td>
<td>.5</td>
<td>Intro to Manual Lathe</td>
<td>2</td>
</tr>
<tr>
<td>Advanced Auto Technology</td>
<td>1</td>
<td>Vehicle Maintenance</td>
<td>3</td>
</tr>
</tbody>
</table>

**High School Academy**

High School Academies are a series of courses that lead into a degree program. Academies may result in a recognized industry credential, an embedded technical diploma, or up to a semester of an associate degree program. IT and EMT are two examples of Academies offered to Chi-Hi students. Classes can be offered at a CVTC campus or at the high school location. Not all Academies listed on CVTC’s website are open to Chi-Hi Students. Please see your school counselor for more information. An application is required.
**Early College Credit Program and Start College Now**

Early College Credit and Start College Now programs allow Wisconsin public high school students to take courses at an institution of higher education for high school and/or college credit. Both programs have rules, regulations and deadlines. Be sure to allow yourself enough time so you can meet the deadline to apply.

Dates for students to submit applications are strictly adhered to:

- **Summer Semester** - February 1
- **Fall Semester** - March 1
- **Spring Semester** - October 1

Not all courses that students could enroll in will qualify for high school credit. It is important to know that admission to courses may be limited because of program requirements, prerequisites and/or space availability.

**Criteria:** Students must be a junior or senior, have a minimum cumulative grade point of 3.0, attendance rate of 90% or greater over the last year, display appropriate behavior/character as determined by school policies, Early College Credit and/or Start College Now courses must be related to the student’s future career path.

**Project Lead The Way (PLTW)**

PLTW is more than just another high school engineering class. Per U.S. News STEM Solutions Summit, 2012, PLTW is about applying science, technology, engineering, and math through a project-based, hands-on approach to solve complex, open-ended problems, in a real-world context. Six courses will be offered next year: Introduction to Engineering Design, Principles of Engineering, Computer Science Essentials, Digital Electronics, Environmental Sustainability and Civil Engineering and Architecture. Students who successfully complete one or all of these courses AND score a specific score on the final are eligible for college credit at some colleges and universities.

**Cooperative Academic Partnership Program (CAPP)**

CAPP courses provide a convenient and affordable way for students to earn concurrent high school and UW-Oshkosh college credit, while developing key skills for future success. In a UW-Oshkosh CAPP course, you will experience the challenge of college curriculum while in a high school environment. Students are responsible for the cost of the college credits (approximately $100 per credit) and the grade will appear on a university transcript. The three CAPP course offerings are United States History, Elements of Studio Art and Understanding the Arts.

**Advanced Placement Courses**

Chippewa Falls High School offers a variety of Advanced Placement courses. These are college-level courses taught within our building. Students may receive college credit at some colleges and universities if they score high enough on the AP exams in May. Credit varies by post-secondary institution. Go to the College Board website for specifics.

AP exams are optional and cost approximately $95.00. AP coursework has a high level of difficulty and a significant amount of time designated out of class is required to be successful.

Chippewa Falls High School currently offers the following advanced placement courses: Art History, Biology, Calculus, Chemistry, English Language & Composition, English Literature & Composition, English Seminar, Human Geography, Music Theory, Physics, Psychology, Spanish, Studio Art, U.S. Government & Politics, and U.S. History.
The Chippewa Falls Senior High School has identified 6 Career Cluster Groups which our high school courses are being aligned to. These course recommendations are for students interested in a particular career cluster. We would like to reassure both students and parents that students are never locked into a particular career pathway. This is meant to allow students a better understanding of how their coursework will help lead them toward College and Career Readiness and encourages them to pursue interest areas.

Foundational coursework that is done through credits required for graduation weaves important skills in all Career Cluster Groups.
### Agriculture, Food, & Natural Resources

The Agriculture, Food & Natural Resources cluster focuses on the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources.

### Suggested Learning Experiences

#### Overview

Academic and Career Planning (ACP) is a state-wide initiative whose purpose is to provide students and their families with resources to make more informed choices about postsecondary education and training as it leads to careers.

Programs of Study (POS) are a district’s suggested courses and activities that help prepare students to be college and career ready and productive members of a global society.

Things to consider when planning:
- Required coursework
- Credits required for graduation
- Opportunities to investigate different career pathways
- Individual interest areas

#### Recommended Courses

*Please keep in mind that these are only recommendations. Students are encouraged to take classes that relate to their individual interest areas, as well as their career goals.*

<table>
<thead>
<tr>
<th>Middle School Courses</th>
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<tbody>
<tr>
<td>CFMS Students: Computers for Middle School Students (6th grade)</td>
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<tr>
<td>Bite Into Baking (8th grade)</td>
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<tr>
<td>Cooking Matters (6th grade)</td>
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<td>Exploring FCS (7th grade)</td>
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<tr>
<td>Innovation Skills (8th grade)</td>
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<td>Mapping My Future (7th grade)</td>
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<tr>
<td>My Menu (7th grade)</td>
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<tr>
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<td>The Biz (8th grade)</td>
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<tr>
<td>World Languages (7th &amp; 8th grade)</td>
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</table>

<table>
<thead>
<tr>
<th>9-12 Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Business &amp; Marketing:</strong> Productive Office Specialist 1 (TC), Productive Office Specialist 2 (TC), Accounting 1, Accounting 2, Accounting 3 (TC), Principles of Marketing, Intro to Business and Marketing, Young Innovators</td>
</tr>
<tr>
<td><strong>English:</strong> English 9A/9B, English 10A, English 10B, AP English 10A/10B (AP Seminar), AP English- Language and Composition, AP English-Literature and Composition, Communications</td>
</tr>
<tr>
<td><strong>Family and Consumer Sciences:</strong> Culinary 1, Good Eats, Culinary 2</td>
</tr>
<tr>
<td><strong>Mathematics:</strong> Algebra 1A, Algebra 1B, Accelerated Algebra 1, Inductive Geometry, Geometry, Algebra II, Accelerated Algebra II, Math Topics, Probability and Statistics, Accelerated Trigonometry, Intro Calculus, AP Calculus-Level AB</td>
</tr>
<tr>
<td>Physical Education:</td>
</tr>
<tr>
<td>--------------------</td>
</tr>
<tr>
<td>Science:</td>
</tr>
</tbody>
</table>
| World Languages:   | Proficiency in a World Language adds a competitive advantage in all career fields, and may be a requirement for college entrance.  
  - French 1- French 5  
  - Spanish 1- AP Spanish 5 |

**Dual Credit & Advanced Placement Offerings**

**Dual credit courses** are classes that a student takes at CFHS and receives both high school credit and credit at a post-secondary school upon successful completion of the course. Examples of "dual credit" courses are as follows: Transcripted Credit (TC) courses, Advanced Standing (AS) courses, UW Oshkosh CAPP program, and some Project Lead the Way (PLTW) courses.

- Dual credit courses for this career cluster are indicated above as TC, AS, CAPP, and PLTW

**Advanced Placement (AP) courses** are college-level courses taught within our building. Students may receive college credit at some colleges and universities if they score high enough on the AP exams in May. Credit varies by post-secondary institution.

- See above classes listed as AP

**Early College Credit Program/Start College Now** can also be leveraged to take additional post-secondary coursework. Students should speak to their school counselor for more information.

**Additional Educational Experiences**

- Career Venture (8th grade)
- Exploring Program (varies by program)
- JA in a Day (7th grade)
- Job Shadowing
- Schools2Skills tours (7th grade)
- STEAM Night
- Supervised Agricultural Experience (SAE)
- Voyagers Program (Middle School)
- Wisconsin Youth Apprenticeship (YA) Program

**Student Organizations**

- FFA- Future Farmers of America

**Industry Certifications**

**Postsecondary Education and Training**

Refer to Career Cruising for postsecondary education and training programs in this Career Cluster group.

**Resources:**
<https://careertech.org/Agriculture>
Arts, Communications, & Information Systems

The Arts, Communications, & Information Systems Career Cluster Group includes the Arts, A/V Technology & Communications cluster and the Information Technology cluster.

Suggested Learning Experiences

| Overview | Academic and Career Planning (ACP) is a state-wide initiative whose purpose is to provide students and their families with resources to make more informed choices about postsecondary education and training as it leads to careers.

Programs of Study (POS) are a district’s suggested courses and activities that help prepare students to be college and career ready and productive members of a global society.

Things to consider when planning:
- Required coursework
- Credits required for graduation
- Opportunities to investigate different career pathways
- Individual interest areas

| Recommended Courses | Please keep in mind that these are only recommendations. Students are encouraged to take classes that relate to their individual interest areas, as well as their career goals.

| Middle School Courses | Art Introduction (6th grade)
- Art Concepts (7th grade)
- Art Sculpture (7th grade)
- Ceramics/Clay (8th grade)
- Ceramics II (8th grade)
- CFMS Students (6th grade)
- Communications (6th grade)
- Communication Technology (7th grade)
- Computer Art (6th grade)
- Computer Design (8th grade)
- Craft (8th grade)
- Creative Design (7th grade)
- Drawing/Painting 1&2 (8th grade)
- Electronics Communications (7th grade)
- General Music (6th grade)
- Introduction to Sculpture (6th grade)
- Keyboarding Basics (6th grade)
- Mapping My Future (7th grade)
- Music: Band, Choir, Orchestra (6th-8th grade)
- Keyboarding Applications (8th grade)
- Paparazzi (8th grade)
- Printmaking (8th grade)
- That’s A Wrap! (8th grade)
- The Digital Voice (7th grade)
- World Languages (7th & 8th grade)

| 9-12 Courses | Business & Marketing: Productive Office Specialist 1 (TC), Productive Office Specialist 2 (TC), CFHS Media Productions, Publications (Monocle)

**Information Technology**: IT Academy, Cardinal Chromebook Help Desk/Repair 1, Cardinal Chromebook Help Desk/Repair 2


**Music**: Varsity Band, Symphonic Band, Jazz I, Jazz II, Analysis of Rock & Roll, 9th Grade Orchestra, 10th Grade Orchestra, 11th Grade Orchestra, 12th Grade Orchestra, Wire Choir, Choristers, Varsity Women’s Choir, Men’s Choir, Cardinal Choir, Vocal Jazz, Harmonics, Melodics, Popular Songwriting, AP Music Theory

**Science**: Biology, Earth Science, Basic Chemistry, General Chemistry, Pre-AP Chemistry, Basic Physics, General Physics, AP Physics 1-Algebra Based, Principles of Engineering (PLTW)


**World Languages**: Proficiency in a World Language adds a competitive advantage in all career fields, and may be a requirement for college entrance.
- French 1- French 5
- Spanish 1- AP Spanish 5

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**Dual Credit & Advanced Placement Offerings**

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- Dual credit courses for this career cluster are indicated above as TC, AS, CAPP, and PLTW

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- See above classes listed as AP

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### Additional Educational Experiences

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<th>Career Venture (8th grade)</th>
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<td>Exploring Program (varies by program)</td>
</tr>
<tr>
<td>JA in a Day (7th grade)</td>
</tr>
<tr>
<td>Job Shadowing</td>
</tr>
<tr>
<td>Schools2Skills tours (7th grade)</td>
</tr>
<tr>
<td>STEAM Night</td>
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<tr>
<td>Voyagers Program (Middle School)</td>
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<tr>
<td>Wisconsin Youth Apprenticeship (YA) Program</td>
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</tbody>
</table>

### Student Organizations

<table>
<thead>
<tr>
<th>Art Club</th>
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</thead>
<tbody>
<tr>
<td>Children’s Show</td>
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<tr>
<td>FBLA (Future Business Leaders of America)</td>
</tr>
<tr>
<td>Forensics</td>
</tr>
<tr>
<td>Robotics Club</td>
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<tr>
<td>Thespian Drama Club</td>
</tr>
<tr>
<td>Three-Act Play</td>
</tr>
<tr>
<td>Skills USA</td>
</tr>
</tbody>
</table>

### Industry Certifications

| IT User Support Technician Technical Diploma (IT Academy) |

### Postsecondary Education and Training

Refer to Career Cruising for postsecondary education and training programs in this Career Cluster group.

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### Additional Information About This Program of Study:

The Arts, A/V Technology & Communications cluster prepares students for designing, producing, exhibiting, performing, writing, and publishing multimedia content including visual and performing arts and design, journalism, and entertainment services. The Information Technology cluster focuses on building linkages in IT Occupations Framework for entry level, technical, and professional careers related to the design, development, support and management of hardware, software, multimedia, and systems integration services.

### Resources:

[<https://careertech.org/arts>] and/or [https://careertech.org/information-technology>].
The Business, Management & Administration Career Cluster Group includes the following career clusters: Business, Management & Administration; Finance; Hospitality and Tourism; and Marketing.

### Suggested Learning Experiences

#### Overview

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Programs of Study (POS) are a district’s suggested courses and activities that help prepare students to be college and career ready and productive members of a global society.

Things to consider when planning:
- Required coursework
- Credits required for graduation
- Opportunities to investigate different career pathways
- Individual interest areas

#### Recommended Courses

Please keep in mind that these are only recommendations. Students are encouraged to take classes that relate to their individual interest areas, as well as their career goals.

### Middle School Courses

- Bite Into Baking (8th grade)
- CFMS Students: Computers for Middle School Students (6th grade)
- Cooking with Class (6th grade)
- Dollars and Sense (7th grade)
- Keyboarding Applications (8th grade)
- Keyboarding Basics (6th grade)
- Mapping My Future (7th grade)
- Paparazzi (8th grade)
- Tasty Treats (8th grade)
- That’s A Wrap! (8th grade)
- The Biz (8th grade)
- The Digital Voice (7th grade)
- World Languages (7th & 8th grade)

### 9-12 Courses

#### Agriculture, Food, & Natural Resources
- Food Science ES

#### Business & Marketing
- Introduction to Business & Marketing, Accounting 1, Accounting 2, Accounting 3 (TC), Business & Personal Law - Criminal/Civil Law, Business & Personal Law - Everyday Law, Personal Finance (TC), Retail Merchandising, Principles of Marketing, Advanced Marketing, Principles of Management, Social Media Marketing, Sports and Entertainment Marketing, Publications (Monocle), Productive Office Specialist 1 (TC), Productive Office Specialist 2 (TC), Young Innovators, CFHS Media Productions

#### English

#### Family and Consumer Sciences
- Adulting 101

#### Mathematics
- Algebra 1A, Algebra 1B, Accelerated Algebra 1, Inductive Geometry, Geometry, Algebra II, Accelerated Algebra II, Math Topics, Math Investigations I, Math Investigations II,
<table>
<thead>
<tr>
<th>Probability and Statistics, Accelerated Trigonometry, Intro to Calculus, AP Calculus-Level AB</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Music:</strong> Analysis of Rock &amp; Roll</td>
</tr>
<tr>
<td><strong>Physical Education:</strong> Club Fit, Advanced Weight Training, High Performance Physical Education, Theory of Coaching and Officiating Athletics</td>
</tr>
<tr>
<td><strong>Science:</strong> Biology, Earth Science, Basic Chemistry, General Chemistry, Pre-AP Chemistry, Basic Physics, General Physics, AP Physics 1-Algebra Based</td>
</tr>
<tr>
<td><strong>Social Studies:</strong> American Government, Economics, Abnormal Psychology (TC), AP US Government and Politics, AP Psychology, AP US History, Contemporary Issues</td>
</tr>
<tr>
<td><strong>Technology Education:</strong> Introduction to Engineering Design-IED (PLTW), Computer Science Essentials-CSE (PLTW), Civil Engineering and Architecture-CEA (PLTW), Advanced Automotive Technology, Machine Tool Technology, Welding Technology, Woods II, Residential Construction</td>
</tr>
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<td><strong>World Languages:</strong> Proficiency in a World Language adds a competitive advantage in all career fields, and may be a requirement for college entrance.</td>
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### Dual Credit & Advanced Placement Offerings

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**Advanced Placement (AP) courses** are college-level courses taught within our building. Students may receive college credit at some colleges and universities if they score high enough on the AP exams in May. Credit varies by post-secondary institution.

- See above classes listed as AP.

**Early College Credit Program/Start College Now** can also be leveraged to take additional post-secondary coursework. Students should speak to their school counselor for more information.

### Additional Educational Experiences

- Career Venture (8th grade)
- Exploring Program (varies by program)
- JA in a Day (7th grade)
- Job Shadowing
- Schools2Skills tours (7th grade)
- Voyagers Program (Middle School)
- WI Visioneer Design Challenge
- Wisconsin Youth Apprenticeship (YA) Program

### Student Organizations

- DECA
- FBLA

### Industry Certifications
Additional Information About This Program of Study:
The Business, Management & Administration cluster prepares students for careers in planning, organizing, directing and evaluating business functions essential to efficient and productive business operations. The Finance cluster helps prepare students for careers in financial and investment planning, banking, insurance, and business financial management. The Hospitality and Tourism cluster prepares students for careers in the management, marketing and operations of restaurants and other food services, lodging, attractions, recreation events and travel related services. The Marketing cluster helps prepare students for careers in planning, managing and performing marketing activities to reach organizational objectives.

Resources:
### Engineering, Manufacturing & Technology

The Engineering, Manufacturing & Technology Career Cluster Group includes the following career clusters: Architecture and Construction; Manufacturing; Science, Technology, Engineering, and Mathematics; and Transportation, Distribution and Logistics.

### Suggested Learning Experiences

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Things to consider when planning:

- Required coursework
- Credits required for graduation
- Opportunities to investigate different career pathways
- Individual interest areas

| Recommended Courses | Please keep in mind that these are only recommendations. Students are encouraged to take classes that relate to their individual interest areas, as well as their career goals.

| Middle School Courses | CFMS Students: Computers for Middle School Students (6th grade)
- Communication Technology (7th grade)
- Communications (6th grade)
- Computer Art (6th grade)
- Computer Design (8th grade)
- Construction Technology (7th grade)
- Creative Design (7th grade)
- Drafting (8th grade)
- Electronic Communications (7th grade)
- Graphics (8th grade)
- High Tech Computer Tools (8th grade)
- Innovation Skills (8th grade)
- Keyboarding Applications (8th grade)
- Keyboarding Basics (6th grade)
- Manufacturing (7th grade)
- Mapping My Future (7th grade)
- Materials and Processes (6th grade)
- Metals (7th grade)
- Metals (8th grade)
- Power and Transportation (8th grade)
- Technology of the Future (8th grade)
- Transportation (6th grade)
- Woods (8th grade)
- World Languages (7th & 8th grade)

| 9-12 Courses | Agriculture, Food & Natural Resources: Veterinary Science ES, Natural Resources ES, Biotechnology ES, Plant & Soil Science ES, Food Science ES
- Business & Marketing: Productive Office Specialist 1 (TC), Productive Office Specialist 2 (TC), CFHS Media Productions
10A/10B (AP Seminar), Communications, AP English-Language and Composition, AP English-Literature and Composition, Intermediate Composition, Advanced Composition

- **Information Technology**: IT Academy, Cardinal Chromebook Help Desk/Repair 1, Cardinal Chromebook Help Desk/Repair 2


- **Science**: Biology, Earth Science, AP Biology, Human Anatomy and Physiology, Basic Chemistry, General Chemistry, Pre-AP Chemistry, AP Chemistry, Environmental Science - Water, Environmental Science - Air/Land, Basic Physics, General Physics, AP Physics 1-Algebra Based, Principles of Engineering (PLTW)

- **Social Studies**: Economics, AP US Government and Politics, AP US History, Contemporary Issues


- **World Languages**: Proficiency in a World Language adds a competitive advantage in all career fields, and may be a requirement for college entrance.
  - French 1 - French 5
  - Spanish 1 - AP Spanish 5

### Dual Credit & Advanced Placement Offerings

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**Early College Credit Program/Start College Now** can also be leveraged to take additional post-secondary coursework. Students should speak to their school counselor for more information.

### Additional Educational Experiences

Career Venture (8th grade)
Exploring Program (varies by program)
JA in a Day (7th grade)
Job Shadowing
Schools2Skills tours (7th grade)
Additional Information About This Program of Study:
The Architecture & Construction cluster prepares students for careers in designing, planning, managing, building, and maintaining the built environment. The Manufacturing cluster prepares students for planning, managing and performing the processing of materials into intermediate of final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering. The Science, Technology, Engineering, and Mathematics cluster prepares students for careers in planning, managing and providing scientific research and professional services including laboratory and testing services, and research and development services. The Transportation, Distribution, and Logistics cluster prepares students for careers in planning, management, and movement of people, materials, and goods by road, pipeline, air, rail and water and related professional support services such as transportation infrastructure planning and management, logistics services, mobile equipment and facility maintenance.

Resources:
Health Science Career Cluster

The Health Science career cluster prepares learners for careers in the planning, managing, and providing therapeutic services, diagnostic services, health informatics, support services, and biotechnology research and development.

Suggested Learning Experiences

Overview

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Recommended Courses

Please keep in mind that these are only recommendations. Students are encouraged to take classes that relate to their individual interest areas, as well as their career goals.

Middle School Courses

- **Agriculture, Food & Natural Resources**: Biotechnology ES, Vet Science ES
- **Business & Marketing**: Productive Office Specialist 1 (TC), Productive Office Specialist 2 (TC)
- **Family and Consumer Sciences**: Health Science Occupations I, Health Science Occupations II, Introduction to Education (TC), Introduction to Human Services, Language of Medicine, Medical Terminology (TC)
- **Physical Education**: Health, Physical Education 1, Physical Education 2
- **Science**: Biology, Earth Science, AP Biology, Human Anatomy and Physiology, Basic Chemistry, General Chemistry, Pre-AP Chemistry, Regional Geology, Astronomy, Principles of Engineering (PLTW)
- **Social Studies**: Abnormal Psychology (TC), Sociology,
### Dual Credit & Advanced Placement Offerings

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### Additional Educational Experiences

- Career Venture (8th grade)
- Exploring Program (varies by program)
- JA in a Day (7th grade)
- Job Shadowing
- Schools2Skills tours (7th grade)
- STEAM Night
- Voyagers Program (Middle School)
- Wisconsin Youth Apprenticeship (YA) Program

### Student Organizations

- HOSA (Future Health Professionals)
- SERT (Student Emergency Response Team)
- Skills USA

### Industry Certifications

- Certified Nursing Assistant (CNA)

### Postsecondary Education and Training

Refer to Career Cruising for postsecondary education and training programs in this Career Cluster group.

**Resources:**

<https://careertech.org/health-science>
The Human Services Career Cluster Group includes the following career clusters: Education and Training; Government and Public Administration; Human Services; and Law, Public Safety, Corrections, and Security.

Suggested Learning Experiences

**Overview**

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<td>Keyboarding Basics (6th grade)</td>
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<td>Kidz Junction (8th grade)</td>
</tr>
<tr>
<td>Mapping My Future (7th grade)</td>
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<tr>
<td>Tykes, Tots, and Toys (7th grade)</td>
</tr>
<tr>
<td>Student Helper (8th grade)</td>
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<tr>
<td>WEB Leadership (8th grade)</td>
</tr>
<tr>
<td>World Languages (7th &amp; 8th grade)</td>
</tr>
</tbody>
</table>

**9-12 Courses**

- **Agriculture, Food & Natural Resources**: Biotechnology ES, Vet Science ES, Wildlife Management, Natural Resources
- **Business & Marketing**: Accounting 1, Accounting 2, Accounting 3 (TC), Young Innovators, Productive Office Specialist 1 (TC), Productive Office Specialist 2 (TC), Business & Personal Law - Criminal/Civil Law, Business & Personal Law - Everyday Law
- **Family and Consumer Sciences**: Child Development 0-2 (TC), Child Development 3-5, Introduction to Human Services, Working with Children (TC), Introduction to Education (TC)
- **Physical Education**: Health, Adapted Physical Education, Physical Education 1, Physical Education 2, Club Fit, General Weight Training and Conditioning, Advanced Weight Training, High Performance
<table>
<thead>
<tr>
<th>Physical Education, Dual and Individual Activities, Team Sports, Northwoods Adventures, Theory of Coaching and Officiating</th>
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</thead>
<tbody>
<tr>
<td><strong>Science:</strong> Biology, Earth Science, Basic Chemistry, General Chemistry, Pre-AP Chemistry, Basic Physics, General Physics, AP Physics 1- Algebra Based</td>
</tr>
<tr>
<td><strong>Social Studies:</strong> Economics, Psychology of Human Behavior, Abnormal Psychology (TC), Sociology, AP Human Geography, AP US Government and Politics, AP Psychology, Military History, Contemporary Issues</td>
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<tr>
<td><strong>Visual Arts:</strong> Art for Therapy and Wellness</td>
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<tr>
<td><strong>World Languages:</strong> Proficiency in a World Language adds a competitive advantage in all career fields, and may be a requirement for college entrance.</td>
</tr>
<tr>
<td>- French 1- French 5</td>
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<tr>
<td>- Spanish 1- AP Spanish 5</td>
</tr>
</tbody>
</table>

**Dual Credit & Advanced Placement Offerings**

**Dual credit courses** are classes that a student takes at CFHS and receives both high school credit and credit at a post-secondary school upon successful completion of the course. Examples of “dual credit” courses are as follows: Transcribed Credit (TC) courses, Advanced Standing (AS) courses, UW Oshkosh CAPP program, and some Project Lead the Way (PLTW) courses.

- Dual credit courses for this career cluster are indicated above as TC, AS, CAPP, and PLTW

**Advanced Placement (AP) courses** are college-level courses taught within our building. Students may receive college credit at some colleges and universities if they score high enough on the AP exams in May. Credit varies by post-secondary institution.

- See above classes listed as AP

**Early College Credit Program/Start College Now** can also be leveraged to take additional post-secondary coursework. Students should speak to their school counselor for more information.

**Additional Educational Experiences**

Career Venture (8th grade)
Classroom Assistant (High School)
Exploring Program (varies by program)
JA in a Day (7th grade)
Job Shadowing
Schools2Skills tours (7th grade)
Voyagers Program (Middle School)
Wisconsin Youth Apprenticeship (YA) Program

**Student Organizations**

FFA

**Industry Certifications**

**Postsecondary Education and Training**

Refer to Career Cruising for postsecondary education and training programs in this Career Cluster group.

**Additional Information About This Program of Study:**
The Education and Training career cluster prepares students for careers in planning, managing and providing education and training services, and related support services. The Government and Public Administration career cluster prepares students for careers in planning and performing government functions at the local, state and federal levels, including governance, national security, foreign
service, planning, revenue and taxation, and regulations. The Human Services career cluster prepares students for careers that relate to families and human needs such as counseling and mental health services, family and community services, personal care, and consumer services. The Law, Public Safety, Corrections, and Security career cluster prepares students for careers that relate to the planning, managing, as well as providing legal, public safety, protective services and homeland security, including professional and technical support services.

Resources:  
Agriculture, Food & Natural Resources

<table>
<thead>
<tr>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
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<tbody>
<tr>
<td>Agribusiness Systems</td>
<td>Plant &amp; Soil Science ES</td>
<td>Landscape Design</td>
<td>Animal Science</td>
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<td></td>
<td>Large Animal Mgt</td>
<td></td>
<td>Accounting 1</td>
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<td>Accounting 2</td>
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<tr>
<td>Animal Systems</td>
<td>Horse Care &amp; Mgt</td>
<td>Aquaculture</td>
<td>Biotechnology ES</td>
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<td>Small Animal Mgt</td>
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<tr>
<td>Environmental Service Systems</td>
<td>Wildlife Mgt</td>
<td>Natural Resources ES</td>
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<td></td>
<td>Environmental Science</td>
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<tr>
<td>Food Products &amp; Processing Systems</td>
<td>Large Animal Mgt</td>
<td>Good Eats</td>
<td>Global Cuisine</td>
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<td></td>
<td>Kitchen Principles &amp; Food Prep</td>
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<tr>
<td>Natural Resources Systems</td>
<td>Wildlife Mgt</td>
<td>Natural Resources ES</td>
<td>Aquaculture</td>
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<tr>
<td>Plant Systems</td>
<td>Landscape Design</td>
<td>Plant &amp; Soil Science ES</td>
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<td>Biotechnology ES</td>
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<tr>
<td>Power, Structural &amp; Technical</td>
<td>Large Animal Mgt</td>
<td>Metal Fabrication</td>
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<tr>
<td>Systems</td>
<td>Power to Go</td>
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37
“ES”- Equivalent Science Courses

Students have the option of taking courses that are labeled with “ES” in the title. The “ES” signifies that those respective courses are “equivalent science” courses. This means that students who successfully pass the course will earn the respective amount of science credit per course. Students still need to take the required high school science courses; these equivalent science courses can be taken by high school students as science electives. The five “ES” courses available to students are: Biotechnology ES, Food Science ES, Natural Resources ES, Plant & Soil Science ES, and Veterinary Science ES.

Agriculture/Science (Ag/Sci) high school courses that have been approved by DPI as high school science equivalent units will be considered by University of Wisconsin System institutions as high school science units for admission purposes as indicated in the following table. The high school transcript must indicate that the courses are recognized by DPI as meeting science units.

<table>
<thead>
<tr>
<th>Institution</th>
<th>How will the DPI-approved Ag/Sci courses count for admission purposes?</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW Colleges</td>
<td>B</td>
</tr>
<tr>
<td>UW-Eau Claire</td>
<td>A</td>
</tr>
<tr>
<td>UW-Green Bay</td>
<td>B</td>
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<tr>
<td>UW-La Crosse</td>
<td>B</td>
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<tr>
<td>UW-Madison</td>
<td>B</td>
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<tr>
<td>UW-Milwaukee</td>
<td>B</td>
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<tr>
<td>UW-Oshkosh</td>
<td>B</td>
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<tr>
<td>UW-Parkside</td>
<td>B</td>
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<tr>
<td>UW-Platteville</td>
<td>B</td>
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<tr>
<td>UW-River Falls</td>
<td>B</td>
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<tr>
<td>UW-Stevens Point</td>
<td>A</td>
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<tr>
<td>UW-Stout</td>
<td>B</td>
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<tr>
<td>UW-Superior</td>
<td>B</td>
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<tr>
<td>UW-Whitewater</td>
<td>A</td>
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</tbody>
</table>

KEY:
A. Completion of one or more Ag/Sci courses will count for no more than 1 science unit.
B. Completion of one or more approved Ag/Sci courses will count only as the 3rd unit of science as long as the student has taken some combination of biology/chemistry/physics for the other two units.
Agriculture, Food & Natural Resources

380 Animal Science (TC)
1 semester: 1/2 credit
Open to grades 11 and 12
Offered: Every year

Animal Science provides fundamental knowledge of the animal science field. Topics include animal health, animal environments, anatomy and physiology, genetics and reproduction, animal feedstuffs, and job related safety. Participants will experience animal concepts through the completion of hands-on activities. **Students have the option to take this course for CVTC credit.**

381 Horse Care & Management (not offered next year, plan accordingly)
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Offered: Every other year starting in 2017-2018

This course provides an opportunity to explore academic and practical aspects of care and management of equine. Focus on the course includes history, biomechanics, selections and judging, reproduction, disease, training, behavior and exploration of careers in professional equine industry.

382 Large Animal Management
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Offered: Every year

This course covers dairy cattle and meat animal (beef cattle, hogs, sheep) production and management. It includes the science of feeding, breeding, health care, and management of these animals. Newly developed animal science technologies will also be discussed. Students in this course will compete in the Chippewa County Dairy Judging Contest and work towards earning the Dairy Herd Management certificate through the Dairy Leaders of Tomorrow.

383 Small Animal Management
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Offered: Every other year starting in 2016-2017

Small animal care is something many of us complete daily. This course is intended to take that basic understanding deeper. Students will learn about safe handling procedures, zoonotic diseases, animal rights vs. animal welfare, nutrition and digestion, reproduction, behavior, and genetics. Students will select a specific species to create an individual portfolio to stretch their learning in all of these areas.

384 Veterinary Science ES
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisites: Biology
Every other year starting in 2016-2017

Veterinary Science ES class is designed for the student who wants to pursue a career working with animals. It is intended to develop basic competencies in animal health care. Areas of study include safety and sanitation, terminology, anatomy/physiology, treatments, immunity, and surgical and clinical procedures. Students will also study embryology by incubating and hatching chicks.
**Natural Resources ES (not offered next year, plan accordingly)**

1 semester: 1/2 credit  
Open to grades 10, 11, and 12  
Prerequisite: Biology  
Offered: Every other year starting in 2017-2018

The proper management of our natural resources is essential on the local, state, and national levels. The four major units for this course are: forestry, water quality, soil conservation, and energy sources. Specific topics include: forest measurements, woodland management, water pollution and conservation, soil conservation, fossils fuels and alternative energy sources. The final project for this course is students will make their own biodiesel.

**Wildlife Management**

1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Offered: Every year

This course deals with the identification and management of game birds, small wildlife animals, game fish, large game animals, and endangered species. The course will also cover wildlife ethics, conservation practices, hunting and trapping, and current events. Course work includes basic information for the outdoor/hunting enthusiast.

**Biotechnology ES (not offered next year, plan accordingly)**

1 semester: 1/2 credit  
Open to grades 11 and 12  
Prerequisites: Biology and one other Agriscience course  
Offered: Every other year starting in 2017-2018

This science based laboratory course deals with the idea of changing living things. Some of the laboratory work will include studies with cloning, plant tissue culture, DNA extraction from plant and animal materials, artificial insemination, embryo transfer, product fermentation, and yeast studies. Students will learn how to complete electrophoresis using different DNA. In addition, issues related specifically to the biotechnology industry, such as understanding the product development process, ethical, legal and social concerns will be addressed. Other equipment students may use are: hot plates, pipettes, incubators, and water baths.

**Greenhouse Management**

1 semester: 1/2 credit  
Open to grades 10, 11, and 12  
Offered: Every year

This course will expose students to the operation of a horticultural plant production business. The class will plan, produce and market a crop of greenhouse plants, options can include flower and vegetable bedding plants, perennials, and/or houseplants in the department growing spaces. Students will learn and practice production scheduling, propagation, fertilization, pest control, management of light, production and financial record keeping, advertising, and customer relations. Students will also experiment and manage the hydroponics and aquaponics systems.

**Landscape Design**

1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Offered: Every Year

This course gives the student a practical application of sectors of the “Green Industry”. The major units are: floral design, landscape design and turf grass management. Students can expect to learn specific skills within each of these units making this an active hands-on class. Students will use the principles of design to create flower arrangements and landscape plans manually and with computer software. This class will teach students how trees, shrubs, and other plant materials are produced and used in a landscape design.
**Plant & Soil Science ES (TC)**

1 year: 1 credit  
Open to grades 10, 11 and 12  
Prerequisites: Biology  
Offered: Every year

This course provides fundamental knowledge of plant components and their functions. Topics include pollinating and propagating plants, germinating seeds, plant nutrients, and factors affecting photosynthesis, respiration, and transpiration. Participants will experience plant components and their functions through the completion of hands-on activities. Students will also assist in developing and maintaining the school’s orchard and compete in the Agronomy or Horticulture contest hosted by CVTC. **Students have the option to take this course for CVTC credit.**

**Food Science ES**

1 year: 1 credit  
Open to grades 10, 11, and 12  
Prerequisite: Biology  
Offered: Every other year starting in 2016-17

Food science related careers are in demand and there are not enough qualified candidates to meet the demand. This course explores the foods we eat and the science behind them. Students will also learn about food additives and substitutes, fermentation, preserving, and the science of creating food packaging. Students can expect this class to be fast-paced with many laboratory activities.

**Agricultural Education Youth Apprenticeship**

1 year: 1 credit  
Open to grades 11 and 12  
Prerequisites: one other Agriscience course  
Offered: Every year

Students who sign up for this work release must secure a job that is agriculture related. This Youth Apprenticeship (YA) occupational area focuses on three pathways: Animal Systems, Plant Systems, and Environmental Systems. Agricultural YA students need to possess a strong work ethic and enjoy working with animals, growing plants, or working with the environment. This school-to-work program offers on the job experiences and skill development. Student is required to be in any Agriscience course for both semesters.

**Aquaculture**

1 semester: 1/2 credit  
Open to grades 10, 11 and 12  
Offered: Every year

This course explores the many water sources such as lakes, rivers, and streams. Students will study the production of aquatic animals. Students will be charged with managing the aquatic organisms growing in the Ag department; this may include: walleye, yellow perch, trout, bluegill, tilapia, or freshwater shrimp.
## Business & Marketing

### Course Offerings by Grade Level

<table>
<thead>
<tr>
<th>Freshmen</th>
<th>Sophomores</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Business &amp; Marketing</td>
<td>Accounting 1</td>
</tr>
<tr>
<td>Leadership Essentials</td>
<td>Accounting 2</td>
</tr>
<tr>
<td>Principles of Marketing</td>
<td>Business &amp; Personal Law—Everyday Law</td>
</tr>
<tr>
<td>Publications (Monocle)</td>
<td>Business &amp; Personal Law—Criminal/Civil Law</td>
</tr>
<tr>
<td>Social Media Marketing</td>
<td>Leadership Essentials</td>
</tr>
<tr>
<td>Sports &amp; Entertainment Marketing</td>
<td>Productive Office Specialist 1 (T)</td>
</tr>
<tr>
<td></td>
<td>Productive Office Specialist 2 (T)</td>
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<tr>
<td></td>
<td>Introduction to Business &amp; Marketing</td>
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<tr>
<td></td>
<td>Principles of Marketing</td>
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<td></td>
<td>Advanced Marketing</td>
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<td></td>
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<td>Sports &amp; Entertainment Marketing</td>
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<table>
<thead>
<tr>
<th>Juniors</th>
<th>Seniors</th>
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<tbody>
<tr>
<td>Accounting 1</td>
<td>Accounting 1</td>
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<td>Accounting 2</td>
<td>Accounting 2</td>
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<tr>
<td>Accounting 3 (T)</td>
<td>Accounting 3 (T)</td>
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<tr>
<td>Business &amp; Personal Law—Everyday Law</td>
<td>Business &amp; Personal Law—Everyday Law</td>
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<tr>
<td>Business &amp; Personal Law—Criminal/Civil Law</td>
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</tr>
<tr>
<td>Productive Office Specialist 1 (T)</td>
<td>Productive Office Specialist 1 (T)</td>
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<tr>
<td>Productive Office Specialist 2 (T)</td>
<td>Productive Office Specialist 2 (T)</td>
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<tr>
<td>Retail Merchandising</td>
<td>Retail Merchandising</td>
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<tr>
<td>Principles of Marketing</td>
<td>Principles of Marketing</td>
</tr>
<tr>
<td>Advanced Marketing</td>
<td>Advanced Marketing</td>
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<tr>
<td>Personal Finance (T)</td>
<td>Personal Finance (T)</td>
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<tr>
<td>Young Innovators</td>
<td>Young Innovators</td>
</tr>
<tr>
<td>Principles of Management</td>
<td>Principles of Management</td>
</tr>
<tr>
<td>Publications (Monocle)</td>
<td>Publications (Monocle)</td>
</tr>
<tr>
<td>School Store Work Experience</td>
<td>School Store Work Experience</td>
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<tr>
<td>CFHS Media Production</td>
<td>CFHS Media Productions</td>
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<tr>
<td>Social Media Marketing</td>
<td>Social Media Marketing</td>
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<tr>
<td>Sports &amp; Entertainment Marketing</td>
<td>Sports &amp; Entertainment Marketing</td>
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</tbody>
</table>

(T) indicates classes currently offering CVTC transcripted credit option
Business & Marketing

Business Core Classes

500  Introduction to Business & Marketing
1 semester: 1/2 credit
Open to grades 9 and 10

Have you ever wondered what qualities billionaire Mark Zuckerberg, visionary Steve Jobs, and risk taker Jeff Bezos all have in common? In this course, you may discover you have some of the same qualities as these and many other successful entrepreneurs.

Introduction to Business and Marketing introduces you to the world of business, including the concepts and skills required for meeting the challenges of operating a business in the twenty-first century. In this project based course, you will explore several different business and marketing concepts, including but not limited to, economics, decision making, entrepreneurship, financing, marketing, and management. You will have the opportunity to participate in Future Business Leaders of America (FBLA and/or DECA). Introduction to Business and Marketing will give you a basis to build your business and marketing skills and prepare for a successful future. This class is highly recommended as an introduction to other business and marketing courses.

501  Accounting 1
1 semester: 1/2 credit
Open to grades 10, 11, and 12

NOTES: (1) Accounting 1 is a prerequisite course for Accounting 2 and 3 (2) Accounting 3 is a transcripted course with CVTC. Students who complete the requirements for Accounting 3 can receive free credits at CVTC. These credits are transferable to many other colleges and universities.

YOU NEED THIS CLASS if you are thinking about going to college for business or marketing; if you want a career in business; or if you want to own your own business. University and technical college business programs require accounting. Start now and be a step ahead of your classmates. In this class you will learn to maintain financial records for a sole proprietorship, (in other words, that one-owner business you want to start). You will complete the accounting cycle and hone your skills with various projects and simulations. This class meets first semester. It is recommended that students who are thinking about taking Accounting 2 sign up for it at the same time as Accounting 1, so that they can continue through second semester.

502  Accounting 2
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisites: Successful completion of Accounting 1 with a grade of C or better

Expand your knowledge of accounting by working with financial records for corporate merchandising businesses. You will acquire more in-depth knowledge of accounting procedures and techniques used in solving business problems and making financial decisions. This class is highly recommended for any student who is planning to pursue a business, accounting, or marketing degree, or a career in any of these areas. This class meets second semester. It is recommended to take this class immediately following Accounting 1. If you can, sign up for them together.
Accounting 3 ***  
1 semester: 1/2 credit  
Open to grades 11 and 12  
Prerequisites: Successful completion of Accounting 2 with a grade of C or better

In this class, you will have the opportunity to develop a strong accounting base needed for a post-secondary business or accounting degree. If you are planning to pursue a business or accounting degree and/or business career after high school, this class is for you!

This course is transcripted with CVTC. Students in this course who are successful in completing the requirements for the program can earn free college credits at CVTC. These credits may transfer to many other two and four-year colleges and universities, including UWEC.

Business & Personal Law—Criminal and Civil Law  
1 semester: 1/2 credit  
Open to grades 10, 11, and 12

The legal system impacts our personal lives and our business dealings every day - from driving a car, getting a job, renting an apartment; to signing a contract, planning for retirement, and writing our wills. What happens when you turn 18 or 21 and become an adult in the eyes of the law? Laws influence what we do and don't do throughout our lives.

Throughout the semester, we explore where the laws that impact our lives come from and how they are developed. You will become familiar with the laws that apply to you and will review criminal and civil cases and how these laws were applied. After learning about criminal and civil law and the court process, you will participate in a mock trial applying the concepts learned.

Business & Personal Law—Everyday Law  
1 semester: 1/2 credit  
Open to grades 10, 11, and 12

Business and Personal Law - Everyday Law is designed for students who have a desire to learn more about legal issues that will affect them in the present and in the future. It will acquaint students with basic legal principles common to business and personal issues. Contracting, buying and selling, employment, renting and leasing, real estate, wills, trust, and marriage and divorce will be explored. Students will leave the course with an understanding of legal issues impacting their lives in today's world. They will leave the course with an understanding and preparedness to face future legal issues.

Personal Finance  
1 semester: 1/2 credit  
Open to grades 11 and 12  
Required for graduation

NOTE: This course is transcripted with CVTC. Students who register for this course and are successful in completing the requirements for the program will receive free elective credits at CVTC. These credits are transferable to many other colleges and universities.

Use the skills you learn in Personal Finance and it will change your financial future and set you on a path to win with money. In this class, you will be empowered, equipped, and entertained while building confidence in your own financial decision-making. You will learn strategies to build wealth so that you can have money to do the things you want to do, buy the things you want without going into debt, and retire wealthy. You will learn how to navigate college finances without burdening yourself with a lot of student loan debt. You'll learn practical money management and investment strategies you can put to work now and in the future. Simply put, you're never going to look at money in the same way again.
Young Innovators
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisites: Introduction to Business and Marketing or Principles of Marketing
Recommended: Accounting 1

Are you a future entrepreneur? Do you have a business or product idea? You will learn the basics of creating and launching a business in Young Innovators. Whether you want to focus on a money making business or creating a non-profit for the good of others, this course will help develop the core skills needed to be successful. We will explore the benefits and risks of self-employment, develop a business or service idea, and create a hypothetical business plan on how to create the business. You will explore concepts related to entrepreneurship, industry information, target markets, marketing and sales, management, and financials. At the end of the course, you will create and deliver a “Shark Tank” style presentation of your business. If you are not interested in starting a business, this course will provide you with a working knowledge of several areas a business needs to run successfully.

Marketing Core Classes

Introduction to Business & Marketing
See ‘Business Core Classes’ section for class description

Retail Merchandising
1 year: 1 credit
Open to grades 11 and 12
Prerequisites: Successful completion of Principles of Marketing

This course revolves around operating the school store. Students are given hands-on opportunities to learn about business through working the school store; including operations as well as making vital business decisions that impact the profit of the store. Topics covered include: product planning, pricing and finances, human resources, promotion, selling, market research, and more. Students will be required to work in the school store and will occasionally be required to work after school, sporting events, and other school functions. Students will also have the opportunity to participate in DECA competitions at the regional, state, and national level. Students enrolled in Marketing courses are automatically members of the Chi-Hi DECA Chapter.

School Store Work Experience
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisites: Concurrently taking Retail Merchandising or has successfully completed Retail Merchandising with a C or better. Application and teacher approval required

The goal of this course is to allow students to operate the school store in a work based learning format, while personalizing learning in an area of marketing or business that interests the student. Student and teacher will create a personalized learning plan centered around student interest in marketing and business. This independent study-style course requires students to be motivated, self-directed, responsible, and reliable.

Principles of Marketing
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Principles of Marketing focuses on the introductory concepts of marketing that students can relate to immediately. This course is the foundation of the marketing program. Emphasis is placed on sales, basics of promotion, customer service, and communication skills. This project based class will allow students to connect their learning to real-world situations. Students will also have the opportunity to participate in DECA competitions at the regional, state, and national level. Students enrolled in marketing courses are automatically members of the Chi-Hi DECA chapter.
521 Advanced Marketing
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Principles of Marketing

Advanced Marketing is designed to explore specific concepts of marketing in greater depth. This course focuses on market research, creative promotional strategies, branding and product packaging; skills everyone needs to succeed in the fast-paced world of marketing and business. This hands-on, project-based class gives students a chance to showcase their understanding in creative and unique ways. Students will also have the opportunity to participate in DECA competitions at the regional, state, and national level. Students enrolled in marketing courses are automatically members of the Chi-Hi DECA chapter.

524 Principles of Management ***
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Introduction to Business & Marketing OR Principles of Marketing

Are you currently employed in a management position at work? Does working as a manager in the field appeal to you? If so, Principles of Management is the course for you!

Within this course, you will learn about the four managerial functions: planning, organizing, controlling, and leading. You will also explore the importance of teamwork, leadership, and employee motivation in the workplace.

*This course is transcripted with CVTC.*

526 Social Media Marketing
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Prerequisite: Principles of Marketing or Introduction to Business & Marketing

In this semester course, students will learn about the latest social media platforms, as well as other creativity and collaboration tools. Students will explore popular and social media marketing tools, such as LinkedIn, Facebook, SnapChat, Instagram, Twitter, YouTube, Google, and how they're being used effectively to market products and brands. Students will learn how to use these tools appropriately and ethically in a personal, business, and career setting. This class is blended and personalized for students to cater their learning to their individual needs. Students will also have the opportunity to participate in DECA competitions at the regional, state, and national level. Students enrolled in marketing courses are automatically members of the Chi-Hi DECA chapter.

528 Sports and Entertainment Marketing
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Prerequisite: Principles of Marketing or Introduction to Business & Marketing

In this semester course, students learn about the fascinating areas of marketing as they relate to the sports and entertainment industries. Students explore the content areas of event planning, sponsorships, publicity, endorsements, branding/licensing, recreation marketing, and other entertainment industry-specific content. Possible guest speakers and field trips enlighten students to this growing segment of marketing. Students will also have the opportunity to participate in DECA competitions at the regional, state, and national level. Students enrolled in marketing courses are automatically members of the Chi-Hi DECA chapter.
Computers and Publishing

535  Productive Office Specialist 1 (TC)
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Successful completion of Productive Office Specialist 1 & 2 earns students transcripted credit through CVTC. These credits may transfer to other two and four-year colleges and universities.

In this course, you will create dynamic presentations and charts/graphs to communicate information in the ever-changing business world. PowerPoint and Google Slides are much more powerful than you may know. You will learn to utilize these programs for versatile and effective presentations in school and business settings. Excel and Google Sheets will expand your abilities to interpret data and develop visually appearing charts and graphs. At the completion of this course, you will have the opportunity to have industry recognized certification as a Microsoft Office Specialist; setting you apart from others in the workplace.

Adequate keyboarding skills (30 words per minute) is highly recommended prior to taking this course.

538  Productive Office Specialist 2 (TC) *** (offered every other year - next: 2020-2021)
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Prerequisites: Successful completion of Productive Office Specialist 1

Successful completion of Productive Office Specialist 1 & 2 earns students transcripted credit through CVTC. These credits may transfer to other two and four-year colleges and universities.

Effective communication is key to breaking through the clutter of information in education and on the job. Learn skills that will allow you to research, organize and present information all in one place. Microsoft Word, Access, and Publisher are powerful tools that can be used in the classroom and in the workplace. Connect these to comparable Google applications. Be recognized as a specialist in all aspects of Microsoft Office with industry recognized certifications at the completion of this course. Employers need qualified individuals with these skills.

540  Publications (Monocle)
1 year: 1 credit
Open to grades 9, 10, 11, and 12
Prerequisite: Application and Instructor Approval

NOTE: Students may take this course multiple years for credit

The Monocle is the publication of our school yearbook. Students on the yearbook staff have the option of being on either the production team or the sales team. Responsibilities of the production team include: creating layouts, interviewing, composing copy (stories and captions), editing photos, videos, and working with other staff members to ensure consistency and accuracy in our publication. Members of the sales team are responsible for selling, organizing, and creating business ads and senior farewells, and creating public relations materials such as posters, mailings, and brochures. Students on the yearbook staff learn life-long skills of teamwork, responsibility, and dedication; and also have the opportunity to gain leadership experience as an editor or manager. Joining the Monocle staff is a great opportunity for those students interested in a career in journalism, photography, graphic design, sales, marketing, business, and/or management. Recommended, but not required, skills include: excellent writing ability, creativity, computer skills, graphic design skills, marketing skills, video editing/capture skills, photography skills, communication skills, self-motivation, and the ability to work independently and as part of a team.
CFHS Media Productions
1 year: 1 credit
Open to grades 11 and 12
Prerequisite: One or more of the following: Principles of Marketing, Publications or Graphics

In this year-long course, students will be responsible for creating functional marketing materials for the athletic department. Items would include designing and producing print-ready team and senior posters for Chi Hi Activities. Other items would include designing game programs, roster templates, posters, mail marketing media, for-quote items like chair upholstery, banners, and helping to prep extravaganza details (pictures, year in review Chi-Hi Athletic video for patrons). Other priorities are dictated by needs of Chi Hi Athletic department.

Work Experience & Employability Skills

Retail Merchandising

See course description in ‘Marketing Core Courses’ section

Leadership Essentials
1 semester: 1/2 credit
Open to grades 9 and 10

Leadership skills will prepare you to become a leader in the classroom, career, and life. In this course, you will explore the essential skills necessary for success throughout high school and beyond.
English

English Department Course Offerings

Required Courses

English 9A, English 9B
A Literature Course

English 10A, English 10B or
Advanced Placement Seminar ***
A Writing Course

Communications

English Elective

Literature Courses

Science Fiction and Fantasy
British Literature

Contemporary Literature
World Literature

American Voices
American Experiences

Advanced Placement English:
Literature and Composition ***
Advanced Placement English:
Language & Composition ***

Writing Courses

Intermediate Composition
Advanced Composition

Advanced Placement English:
Literature and Composition
Advanced Placement English:
Language & Composition

Electives

Writing with Style
Dramatic Arts
Perspectives in Poetry
The Art of Film
English Department Course Recommendations

Four credits of English are required by the state of Wisconsin for graduation. All Chippewa Falls High School students are required to take English 9A and 9B, English 10A and 10B OR AP Seminar, and Communications for graduation. In addition, one semester of literature and one semester of writing are required. One additional class of English is needed which can be chosen from any of the classes listed below (writing, literature, or other elective).

All English classes prepare students to successfully meet Career Pathway benchmarks. Good communication, critical thinking, and appropriate use of language are important for all post-secondary options.

Required Courses for Graduation

English 9A and 9B (1 credit)
English 10A and 10B (1 credit) OR Advanced Placement Seminar (1 credit)
Communications (1/2 credit)
At least one of two writing courses: (1/2 credit)
  - Intermediate Composition
  - Advanced Composition

One of eight literature courses offered: (1/2 credit)
  - Science Fiction and Fantasy
  - Contemporary Literature
  - American Voices
  - American Experiences
  - World Literature
  - British Literature
  - Advanced Placement English: Literature and Composition (1 credit: 12th grade only)
    **Counts for both the writing and literature courses**
  - Advanced Placement English: Language and Composition (1 credit: 11th and 12th grade)
    **Counts for both the writing and literature courses**

At least one elective (1/2 credit)
  - Additional Writing or Literature course listed above, or one of the electives listed below.

Other Electives

* Writing with Style - This class does not count toward the required writing credit. It does count as an English elective (1/2 credit).
* Dramatic Arts - This class does not count toward the required writing credit. It does count as an English elective (1/2 credit).
* Perspectives in Poetry – This class does not count toward the required writing or literature credit. It does count as an English elective (1/2 credit).
* The Art of Film – This class does not count toward the required writing or literature credit. It does count as an English elective (1/2 credit).

* Some universities will not consider these courses as college preparatory courses.
Required Courses

101 English 9A/9B
1 year: 1 credit
Required for grade 9

Ninth grade students study basic composition skills using Writers Notebooks and the Six Traits of Writing. First semester units studied include using the library and the Internet, Greek mythology including the study of word stems, The Odyssey, and literary elements using the short story and choice books. Second semester gives special emphasis to the history of the theatre, Romeo and Juliet by Shakespeare, and the novel Of Mice and Men by John Steinbeck. Students will also participate in an online informational text unit and independent reading.

102 English 10A
1 semester: 1/2 credit
Required for grade 10
If students sign up for Advanced Placement Seminar for their required English credit, they may also sign up for English 10A as an elective English credit during their first semester sophomore year ONLY.

English 10A provides instruction in basic writing skills using the Six Traits of Writing and vocabulary development through word stems. The students will learn to construct sentences, develop paragraphs, and organize and write longer compositions as they create their autobiography. The literature unit provides a more in-depth study of non-fiction.

103 English 10B
1 semester: 1/2 credit
Required for grade 10

English 10B includes the study of poetry. A unit in media literacy emphasizes news analysis, television and film production, and advertising. Research techniques continue with stress placed on written communications. The novel To Kill A Mockingbird provides an opportunity to review the elements of fiction.

104 A.P. Seminar (Advanced Placement English 10A/10B) ***
1 year: 1 credit
Open to grade 10

This class replaces required English 10A and English 10B. If students fail either semester of AP Seminar, they must schedule regular English 10 as juniors. Students are cautioned that in order to succeed in AP Seminar, they must be self-motivated and be able to carry the workload of a typical college class. AP Seminar encourages students to explore academic and real-world topics by analyzing articles, research studies, and a variety of texts, including speeches, broadcasts, and personal accounts. Working individually and as part of a team, students will learn to synthesize information from multiple sources, develop their own perspectives in essays and presentations, and create and deliver oral and visual presentations. Ultimately, the course aims to equip students with the power to analyze and evaluate information with accuracy and precision in order to craft and communicate evidence-based arguments. Students may earn college credit by successfully completing three parts of an AP Seminar exam, two of which occur during the school year. Students are required to take the AP Exam.
Communications
1 semester: 1/2 credit
Open to grades 11 and 12
Required for graduation

Communications focuses on much more than public speaking, although that is one of its components. This class takes a broader view of communication. In general, the units covered include intra/inter-personal communication, listening, nonverbal communication, group discussion, and public speaking. The intent of the class is to provide students with the necessary skills to communicate orally in a modern society one-on-one, in small groups, and in front of larger audiences. Various class activities are organized to increase students' self-confidence and self-reflection of their communication skills.

Literature Courses

All literature courses open to grade 10 require a completed teacher recommendation form attached to registration materials. See your English 9 teacher for the recommendation form.

American Voices
1 semester: 1/2 credit (offered 1st semester only)
Open to grades 11 and 12
Open to grade 10 with English 9 teacher approval. Student must have at least a C average in English 9A and 9B and submit a completed teacher recommendation form attached to registration materials.

This class is a thematic survey of literature with the overriding question of “What does it mean to be an American?” Reading assignments include excerpts from many American authors, past and present, with major themes of the American Dream, Conformity vs. Individual, and Movement and Quest. Required books include Catcher in the Rye, The Crucible, and The Road. (The material in this course differs from the reading in American Experiences.)

American Experiences
1 semester: 1/2 credit (offered 2nd semester only)
Open to grades 11 and 12
Open to grade 10 with English 9 teacher approval. Student must have at least a C average in English 9A & 9B and submit a completed teacher recommendation form attached to registration materials.

A thematic survey of literature with the overriding question of “What does it mean to be an American?” Reading assignments include excerpts from many American authors, past and present, with the major themes of Change and Transformation, War, and People and Nature. Required books include The Things They Carried and The Glass Castle. (The material in this course differs from the reading in American Voices.)
British Literature
1 semester: 1/2 credit
Open to grades 11 and 12
Open to grade 10 with English 9 teacher approval. Student must have at least a C average in English 9A & 9B and submit a completed teacher recommendation form attached to registration materials.

Harry Potter. The Chronicles of Narnia. Monty Python and the Holy Grail. Doctor Who. Sherlock Holmes. Some of the most memorable stories have come to us from the small island of Great Britain. If you love dystopian literature, if you love stories about monsters, dragons, knights, and witches, if you love Shakespeare and the tales of King Arthur, British Literature is for you. British Literature covers the history and literature of England from the Anglo Saxon period to the present including excerpts from Beowulf, Canterbury Tales, and the King Arthur legends. Students will read Shakespeare’s Macbeth, the dystopian novel 1984, and two additional novels of their choice such as Treasure Island, Pride and Prejudice, Hitchhiker’s Guide to the Galaxy, Dracula, or Fellowship of the Ring. Writing activities are integrated into the various units of study. This class is recommended for university-bound students and students who love to read.

Contemporary Literature
1 semester: 1/2 credit
Open to grades 11 and 12
Open to grade 10 with English 9 teacher approval. Students must have at least a C average in English 9A & 9B and submit a completed teacher recommendation form attached to registration materials.

Interested in books that connect the modern world and your life? This is the class for you. Contemporary Literature focuses on the subject matter and techniques of twentieth century authors, primarily high-interest young adult novels. Four to five books are included, as well as several writing assignments. The relationship between fictional events and the lives of the readers is stressed through a study of theme.

Science Fiction and Fantasy Literature
1 semester: 1/2 credit
Open to grades 11 and 12
Open to grade 10 with English 9 teacher approval. Student must have at least a C average in English 9A & 9B and submit a completed teacher recommendation form attached to registration materials.

Science fiction and fantasy are studied as specialized forms of literature in this class. All types of literature will be read as students are introduced to the history and development of both science fiction and fantasy. Current social issues related to mind control, futuristic societies, and machines will be explored. Students will have opportunities to read Ender’s Game, The Hobbit, The Handmaid’s Tale, Ready Player One, Maze Runner, Brave New World, The Hunger Games, as well as other novels when they participate in literature circles. Writing activities are integrated into the various units of study.

World Literature
1 semester: 1/2 credit
Open to grades 11 and 12
Open to grade 10 with English 9 teacher approval. Student must have at least a C average in English 9A & 9B and submit a completed teacher recommendation form attached to registration materials.

In World Literature, students study the literature of countries other than the United States and England to better understand the culture, religion, and people of the world. Literature from India, Iran, Iraq, Egypt, China, Japan, Russia, Africa and various European countries are all read and interpreted. All types of literature are studied, and some history and cultural background of the countries is also included. In addition to the literature, writing is emphasized. Several novels are read in their entirety: Siddhartha, Persepolis, The Stranger and One Day in the Life of Ivan Denisovich. This class is recommended for university-bound students.
AP English - Language and Composition ***
1 year: 1 credit (counts for both writing and literature requirement)
Open to grades 11 and 12
Prerequisite: English grades of at least B average

The study of rhetoric - the art of communicating effectively for a purpose is the focus of AP English Language and Composition, a college-level course. Reading nonfiction prose from a variety of historical periods, academic disciplines, and day-to-day contexts, students analyze the writing choices and moves of professional writers and work towards achieving a persuasive voice that will serve them in college-level writing assignments. Since students who take the national exam may qualify for advanced placement credit in college English, students should expect the coursework to require considerable amounts of time, effort, and work. Due to the nature of the class, books may contain mature themes, topics and language. Possible books taught may include *Into Cold Blood*, *Pride and Prejudice*, *Population 485*, *Devil in the White City*, *Evicted*, *As I Lay Dying*, etc. Summer reading and writing assignments are required.

AP English - Literature and Composition ***
1 year: 1 credit (counts for both writing and literature requirement)
Open to grade 12
Prerequisite: English grades of at least B average

This is a college-level course where you will be surrounded by wonderful literature and students who enjoy that literature. In AP English Literature and Composition, students critically read and write about literature. Emphasis is placed on the study of fictional novels, plays, short stories, and poetry of differing time periods, genres, and literary styles. Students should expect this course to require more time and effort than previous English courses as it explores subjects in greater depth. However, it will also offer greater opportunity for individual progress and achievement. Satisfactory scores on the national exam may qualify students for advanced placement credit in college English. Texts include college-type texts which are for mature readers. Possible books taught may include *Jane Eyre*, *The Kite Runner*, *Frankenstein*, and *The Awakening.* Summer reading and writing assignments are required.

Writing Courses

Intermediate Composition
1 semester: 1/2 credit
Open to grades 11 and 12

Intermediate Composition serves as a bridge between English 10A and more advanced writing classes. Students write in various genre, i.e. non-fiction, critical analysis, research, etc. using the writing process and the 6 Traits of Writing. Vocabulary and independent reading are integrated throughout the semester. This course is for juniors and seniors and designed for differing skill levels.
Advanced Composition
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: A minimum GPA of 3.0 or a passing grade in Intermediate Composition is required to enroll in this course.

This course is highly recommended if you are attending any higher education, especially if not taking AP English.

For decades, written communication skills have been in the top five most desirable traits of employees nationwide. In Advanced Composition, students develop, polish, and hone these skills, allowing them to be more successful in their educational and occupational pursuits. In this class, students utilize the writing process and complete necessary revisions to improve their writing. Students learn to practice critical thinking skills as they work through the three main modes of writing: narrative, informative, and argumentative writing. Additionally, there is instruction in evaluating and incorporating research as well as vocabulary development.

Writing with Style
1 semester: 1/2 credit
Open to grades 11 and 12

Writing with Style is a semester course in which students will grow as writers and as individuals, learning to accept feedback, give constructive criticism, and embark on larger, comprehensive writing endeavors. Students will participate in daily exercises, activities, and sharing of personal writing, and will also be focused on one major semester long project throughout the course, be it a short story, anthology, novelette, collection of poetry, collection of songs, a short film, or multimedia portfolio. Students will create an action plan with achievement benchmarks to be met throughout the course and create a set of steps to complete and ultimately publish their larger project. Marketing, promotion, and avenues of publishing will also be explored. This is a course for students of all ability levels, but all must enjoy writing and be prepared to produce a quantity of writing significantly higher than the usual writing class.

This class does not count as a required English writing credit.

Dramatic Arts
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Dramatic Arts is a semester-long course in which students will be introduced to stagecraft, play interpretation and performance, theater history, and appreciation. Stagecraft study includes learning about basic production design (sets, lighting, sound). Performance study includes participatory warm ups, theater games, pair work, structured improvisations, acting terminology, and the performance of scripted scenes. Dramatic history, theory and methods of analysis will be included in play interpretation, which includes plays both read and watched.

This class does not count as a required English writing credit or literature credit.

Perspectives in Poetry
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Students will read, study, and write poetry in a variety of traditional and non-traditional forms, including spoken word performances and collaborative pieces, as well as dig into the craft of word play to accurately and creatively express life stories, opinions, and observations. No previous poetic experience is necessary for this class, just an open mind and a desire to explore diversity through often overlooked voices from poets other than those populating the pages of traditional textbooks.

This class does not count as a required English writing credit or literature credit.
The Art of Film
1 semester: 1/2 credit
Open to grades 10, 11, and 12

The class is designed to show students how film is a form of literature. By viewing classic and modern films, students will learn that film and written literature have certain elements in common, but that film has additional visual and aural elements that contribute meaning.

Students will develop an appreciation for the interaction of film elements such as scripting, directing, acting, producing, lighting, sound, music, editing, cinematography, special effects, set design, and costuming. Students will view a wide variety of films and learn to recognize such film genres as drama, comedy, western, science-fiction, mystery, action/adventure, and animation.

Over the course of this class, students will engage with films at all levels of Bloom’s taxonomy culminating with the creation of a film project of their own.

This class does not count as a required English writing credit or literature credit.
Family and Consumer Sciences

Health Science Occupations I
Health Science Occupations II
Language of Medicine
Medical Terminology *
Certified Nursing Assistant
Health Care Youth Apprenticeship
  • Certified Nursing Assistant
  • Pharmacy Technician

Introduction to Education *
Introduction to Human Services
Child Development 0-2 (ECE: Infant & Toddler) *
Child Development 3-5
Working with Children (ECE: Foundations of Early Childhood Education) *
Child Care Teacher Co-op
Adulting 101

Culinary I
Culinary II
Good Eats

*Indicates Transcripted credit with Chippewa Valley Technical College
Family & Consumer Sciences (FCS)

Human Services Courses

**601 Child Development 0-2**
1 semester: 1/2 credit and a possible 3 credits from CVTC (ECE: Infant and Toddlers)
Open to grades 9, 10, 11, and 12.

Today’s children are our future. Most of us will influence the life of a child in some way or another. In order for this to be a positive experience, it is important to understand where a child is at developmentally. We will study important topics related to child development, such as prenatal development, child development theories, the role heredity and the environment play on development, and how to work with infants and toddlers in an early childhood education setting.

This course is transcripted with Chippewa Valley Technical College (CVTC). This means that students who successfully meet the requirements of this course can earn free credits at CVTC! These credits are transferable to other colleges and universities as well.

**602 Child Development 3-5**
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Recommended: Child Development 0-2

The study of child development involves a great deal. Child Development 3-5 continues where Child Development 0-2 left off. The majority of this class will be spent learning about children from the ages of three to five as it applies to an early childhood education setting. Learning experiences will focus on the critical role of play on a child’s development; ways to promote a developmentally appropriate environment; and creating activities that promote development and learning.

**603 Introduction to Human Services**
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Do you enjoy helping others and working with people? Human Services is all about helping others throughout their lifetime. In this course we will explore the various careers in the Human Services career cluster including counseling and mental health, early childhood development, family and community services, and personal care services. The course is perfect for exploring the world of human services and all the careers that it entails.
Working with Children (ECE: Foundations of Early Childhood Education) **
1 semester (offered 2nd semester only): 1/2 credit and a possible 3 credits through CVTC (ECE: Foundations of Early Childhood Education)
Open to grades 11 and 12
Prerequisite: Child Development 0-2 and Child Development 3-5. Student must turn 17 before or during course to earn certification.

Do you see yourself pursuing a career working with children in an early childhood care setting? If so, this course is designed to help you jump start your career. Through hands-on activities this course introduces you to the early childhood profession. Throughout the semester we will look at strategies that support diversity and anti-bias perspectives, investigate the history of early childhood education, summarize the types of early childhood education settings, identify components of a quality program, summarize responsibilities of early childhood education professionals, and explore early childhood curriculum models.

Students completing the requirements may receive an assistant childcare teacher certification recognized by the Department of Public Instruction as well as Shaken Baby Syndrome and Sudden Infant Death Syndrome Trainings.

Introduction to Education
1 semester: 1/2 credit and a possible 3 credits through CVTC (EDU: Introduction to Educational Practices)
Open to grades 10, 11, and 12

If you’re interested in working in the education field, any subject area and any grade, this course is for you! Topics will include the study of historical, philosophical and social foundations of education; issues and trends including diversity affecting our schools of today including elementary, middle level and secondary educational settings. An overview of the WI Department of Public Instruction and federal regulations; WI Act 31 Treaty Rights, fundamentals of teaching methodologies, learning styles, questioning techniques, and basic assessment practices will be addressed.

Special Interest Courses

Adulting 101
1 semester: 1/2 credit
Open to grades 11 and 12
Meets the Personal Finance graduation requirement

Are you prepared to live on your own? Are you aware of what it takes to make it on your own? Before you know it, you’ll be facing many decisions such as how to rent an apartment, how to budget money, and what it really means to be “living on your own”. Adulting 101 explores the issues facing students and provides the information needed to make wise decisions. This course addresses many topics with a focus on becoming financially fit.
**Food Courses**

**618 Culinary I (formerly Kitchen Principles)**
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Course fee: $10.00

Students will be introduced to the culinary skills needed for a career in the food service industry. Educational strategies and technology are utilized for classroom instruction. In addition, there is an emphasis on safety and sanitation, communication, management, and customer service. Upon completion of the safety and sanitation training, students will explore the culinary lab experience, which includes soups, sauces, fruits, vegetables, and grains.

**619 Good Eats**
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Prerequisite: Culinary I  
Course fee: $10.00

This course will assist students in understanding the role of nutrition in health and wellness. Demonstrations, hands-on food labs, guided instruction and cooperative learning are used throughout the course. Students will be given the opportunity to have the necessary skills to plan, purchase, and prepare nourishing meals and to evaluate and improve their day-to-day choices.

**622 Culinary II (formerly Global Cuisine)**
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Prerequisite: Culinary I  
Course fee: $10.00

Culinary II is a continuation of Culinary I. Students will focus on nutrition, operational costs, and marketing. The culinary focus and lab experience will explore breakfast, sandwiches, salads, meats, desserts, and a global cuisine. Upon completion of Culinary II, students will showcase their skills through the development of a food truck.
Health Sciences

Health Care courses are offered by or in conjunction with the Family and Consumer Science Department. See the Health Science Section beginning on this page for more information.

Courses include:

- Health Science Occupations I
- Health Science Occupations II
- Language of Medicine
- Medical Terminology
- Certified Nursing Assistant (CNA)
- Health Care Youth Apprenticeship

650 **Health Science Occupations I**

1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Prerequisite for Medical Terminology

Are you looking for a future career that is exciting, challenging and rewarding? Health Care is one of the professions that will offer these opportunities and will be in great demand in the future. This is a class devoted entirely to health related careers. There are more than 200 health care careers based on the type of work each worker performs including Diagnostic workers who diagnose or figure out what is wrong with the patient, Therapeutic workers who treat illnesses, Health Informatics workers who handle patient records, finances, and billing services of a healthcare facility, Environment/support service workers who keep the physical structure operating, and assure the safety and cleanliness of a medical facility and Biotechnology research and development workers who test the safety and effectiveness of new medications and treatments. Emphasis is on all aspects of Health Care not just nursing!

We will explore the varied careers, what classes you should take in high school to prepare yourself for these careers, the after high school education required to work in this profession, and the future potential of the career. Students will spend a portion of the course in classroom study, and a portion of the course listening to guest speakers in the healthcare field. At the end of the course, each student will focus on one health career of their choice, and learn about the classes they should take in high school, as well as the cost of education or training to obtain this career.

651 **Health Science Occupations II**

1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Preparing students for a career in the healthcare industry is critical to our society and our nation. As one of the fastest growing industries in the United States, health care occupations will be offering jobs in the future that haven’t even been created yet. If you know that you want to pursue a healthcare career or even know what path you will be taking to pursue that career, this class is for you. Topics covered in this class are Health Care Systems, Human Growth and Development, Communication, Cultural Differences, Geriatric Care, Communication, Infection Control and Vital Signs. Based on an area you choose, an in depth study of the skills needed will be researched and practiced when possible.
Health Care Youth Apprenticeship
450 hours of work and completion of skills: 2 credits
Open to grades 11 and 12
Prerequisite: Health Science Occupations I class taken or currently enrolled. Those wanting to participate in the CNA Youth Apprenticeship class must have completed and passed their Certification as a CNA and be employed in a long term health care facility as a CNA. Course will be independent study during the school year.

Because of the high demand for nurses and other areas in health care, the Health Care Youth Apprenticeship program will provide a skills based work-release program that allows students to receive credit for the hours they work, as well as a certificate for the skills they acquire. The program is set up for a one- or two-year program based on the year in school the student applies. It also allows the student to explore other areas of health care beyond work as a Certified Nursing Assistant or Dental Assistant as they seek knowledge about possible careers after high school.

This course is transcripted with Chippewa Valley Technical College. This means that students who successfully meet the requirements of this course can earn free credits at CVTC! These credits are transferrable to other colleges and universities in Wisconsin as well.

Students should sign up during their junior or senior year based on their year of entrance into the program. See Ms. Bushendorf if you have any questions.

Certified Nursing Assistant (CNA)
1 semester: 1/2 credit
Open to grades 11 and 12
Class is Pass/Fail

Students need to complete an application to be admitted to this course. An interview will be held to determine the class of 8 students. Students will be required to provide their own scrubs, appropriate shoes, and a watch with a second hand.

This course is a combination of classroom (80 hours lab and course work) and clinical (40 hours of clinical). Classes are held at Wissota Health and Regional Vent Center. Classes are conducted beginning the week of August 19th and August 26th through the 28th during 4A from 2:15-8:15 the month of September and into the first week of October. This course is now a requirement for the RN and Radiography/Sonography programs at the technical college. The student will learn to communicate and interact effectively with clients, family and co-workers, as well as maintain and protect client rights. They will learn to report information and record observations and learn to carry out the basic nursing skills to work as a Certified Nursing Assistant. After passing the course, the student is responsible for arranging the schedule and taking the certification test. Students are then encouraged to enroll in the Health Care Youth Apprenticeship Program.

Attendance is critical. Students are not allowed to miss an hour of class.

Certified Nursing Assistant (Summer School)
1 semester (SS) – 1/2 credit
Open to grades 11 and 12

This course is the same as 653, however the student will be taking this course as a Summer School course. Class will run from 7:00 am – 3:30 pm beginning June 10, Monday - Friday for the month of June. A Registered Nurse teaches the class.
Language of Medicine
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

It is all about memorizing!!! This course is designed for students interested in pursuing careers in the medical field. Students learn medical terminology which will enhance communication skills for all health-related careers. You will be using a variety of study concepts and hands-on activities to help remember medical terms by studying their word roots, prefixes and suffixes, as well as an introduction to anatomy and physiology. Spelling of medical terms will also be a part of this course. From dissecting Gummy Bears to learning about quadrants and planes to exploring the muscles in chicken wings, you will be provided hands on learning experiences to learn about the language of medicine. If you are thinking about taking the Medical Terminology class for Transcribed Credit, this is a prerequisite.

Medical Terminology ***
1 semester: 1/2 high school credit and 3 CVTC credits (if pass with 77% or higher)
Open to grades 11 and 12
Prerequisite: Health Occupations I and Language of Medicine

If you are interested in pursuing a health science career or want a jump start on your anatomy and physiology class or medical field before starting college, this class is for you. Medical Terminology is designed to teach the language used within the body systems. An emphasis is placed on word roots, prefixes and suffixes as well as the anatomy and diseases of the body. There will be an emphasis on spelling, definition, and pronunciation. Included will be an introduction to operative, diagnostic, therapeutic terminology of all body systems, as well as systemic and surgical terminology. It will involve memorizing hundreds of medical terms. This class will have the rigor of a 3 credit college class so students must be prepared to know this ahead of time.

This course is transcripted with Chippewa Valley Technical College. This means that students who successfully meet the requirements of this course can earn free credits at CVTC! These credits are transferrable to other colleges and universities in Wisconsin as well.

Health Science Academy
1 year: 4.75 credits (meets on both A and B days, two class periods in the afternoon)
Open to grade 12
Prerequisite: General Chemistry with a C or better, Medical Terminology (or concurrent enrollment)

This course is a partnership between CVTC and the Chippewa Falls School District. Students have the opportunity to earn high school credit (4.75) and college credit (19) at the same time. The Health Science Academy includes six courses: General Anatomy and Physiology, Digital Health Literacy, Introduction to Public Health, Navigator Health Insurance, Human Diseases for Health Care Professionals, and Advanced Anatomy and Physiology. These six courses are taught in succession at the high school from a CVTC instructor with a combination of in-class instruction and utilization of a learning management platform.

Students need to complete an application process to be admitted to this course. This course has a maximum enrollment of 12 students.
Careers in IT involve the design, development, support and management of hardware, software, multimedia and systems integration services. The information technology industry is a dynamic and growing field that continues to have a revolutionary impact on the economy and the world. Our high school coursework in the Information Technology field prepares students for diverse post-high school education and training opportunities from apprenticeships and two-year college programs to four-year college and graduate programs. Courses in this cluster will introduce you to a variety of interesting careers including:

- Web designer or Webmaster
- Technical Writer
- Telecommunications Technician
- Application Integrator
- Software Applications Architect
- Graphic Artist
- 3D Animator
- Network Administrator or Technician
- Computer or Game Programmer
- Security or Database Administrator
- Help Desk Specialist
- Data Communications Analyst
- Virtual Reality Specialist
- Computer and Information Scientists

For additional information on careers, please log into careercruising.com

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<td>Information Technology Youth Apprenticeship</td>
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IT Academy
1 year: 3.75 credits (meets on both A and B days, two class periods in the morning)
Open to grades 11 and 12

This course is a partnership between CVTC and the Chippewa Falls School District. Students have the opportunity to earn high school credit (3.75) and college credit (15) at the same time. The IT Academy includes five courses: Web 1- HTML & CSS, Programming Fundamentals, Database 1, Introduction to Computers and Programming and Oral/Interpersonal Communications. These five courses are taught in succession at the high school from a CVTC instructor with a combination of in-class instruction, and utilization of a learning management platform. Upon successful completion, students will earn a IT-User Support Technician Technical Diploma.

Students need to complete an application process to be admitted to this course.

Cardinal Chromebook Help Desk & Repair I
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Student must submit an online application and be interviewed by Technology dept. Students must not be on the “No Electronics” list.
Recommended prior course: Electronics, Productive Office Specialist I

The Cardinal Chromebook Help Desk & Repair I course is a hands-on study of technology integration in an educational context. Students will be required to assess problem sets throughout the day and define the best approach to addressing or solving the problem. In addition to solving problems for students and teachers, students will be required to complete and maintain several running projects that address problems or solutions in educational technology integration. To be successful in this course, students should have a prior understanding of Chrome OS, Apple OS, Microsoft Windows 10 or higher, and the will to help our school district transition into the age of technology.

Cardinal Chromebook Help Desk & Repair II
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Student must have successfully mastered Cardinal Chromebook Help Desk & Repair I with a score of 80%. Students must not be on the “No Electronics” list.
Recommended prior course: Electronics, Productive Office Specialist I

The Cardinal Chromebook Help Desk and Repair II Course, open to students in grades 10, 11, and 12 is a semester long, hands on study of technology integration in an educational context. Students are required to assess problem sets throughout the day and define the best approach to addressing or solving the problem. In addition to solving problems for students and teachers, students will be required to complete and maintain several running projects that address problems or solutions in educational technology integration. The course also provides students with the opportunity to pursue an independent learning pathway in one of four areas: innovation, design, entrepreneurship, or applications and develop a project which positively impacts their community. Students will be able to collaborate with outside businesses and organizations as they develop and implement their projects. Students must have prior understanding of Apple OS, Chrome OS, and iPad iOS. To be considered for the class, students must score 80% or higher in Cardinal Chromebook Help Desk & Repair K, as well as approval from the instructors.

IT Youth Apprenticeship
1 year: 2 credits
Open to grades 11 and 12

This experience involves students completing a skills standard checklist achieved through mentoring at a worksite for at least 450 hours. An application and review process is required.
Mathematics

Mathematics Requirements

Beginning with the graduating class of 2016-17 all students at Chippewa Falls Senior High School are required to satisfactorily complete three credits of mathematics to meet the mathematics requirements for graduation. Some math placements will be determined by math teacher and school counselor recommendation.

Mathematics Department Course Offerings

Non-Calculus Path

- Algebra 1a
- Algebra 1b
- Inductive Geometry
- Algebra 2

Calculus Path

- Accelerated Algebra 1
- Geometry
- Accelerated Algebra 2

Options after Algebra 2:
- Math Investigations I
- Math Investigations II
- Probability and Statistics
- Math Topics

Options after Acc. Algebra 2:
- * Trigonometry
- * Introductory Calculus
- * AP Calculus
- Math Research

* These options must follow sequence as per course descriptions.
**Algebra 1A**  
1 year: 1 credit  
Open to grade 9

The Algebra 1A course is designed for those students who need to take a first year algebra course but may be unable to maintain the pace of our Accelerated Algebra 1 course. It is intended to be followed by the Algebra 1B course in the following year. This year long course covers the topics normally covered in the first semester of Accelerated Algebra 1 with greater emphasis on review of arithmetic skills and integration of some geometry topics.

**Algebra 1B**  
1 year: 1 credit  
Open to grade 10  
Prerequisite: Successful completion of Algebra 1A

The Algebra 1B course is a continuation of Algebra 1A. This year-long course covers the topics normally covered in the 2nd semester of Accelerated Algebra 1 with continued emphasis on review of arithmetic skills and integration of some geometry topics. Upon successful completion of Algebra 1A and Algebra 1B, a student may continue on to Geometry.

**Accelerated Algebra 1**  
1 year: 1 credit  
Open to grades 9 and 10

The Accelerated Algebra 1 course is a comprehensive algebra course that integrates problem solving with traditional topics such as: variables, real number operations, polynomials, functions, solving equations, inequalities, graphing, and introduction to probability and statistics. This is a foundation course for all other mathematics courses.

**Inductive Geometry**  
1 year: 1 credit  
Open to grades 10, 11, and 12  
Prerequisite: Successful completion of at least one semester of Accelerated Algebra I or 1 full year of Algebra IA or Algebra IB

Inductive Geometry is an informal approach to geometric investigations. Although the same topics are explored as in Geometry, they are done so with less emphasis on theory and more emphasis on applications. This is not the recommended geometry course for students who wish to continue their mathematics studies at a higher level. Scientific calculator required.

**Note:** Some universities will **not** accept Inductive Geometry as a college preparatory class.

**Geometry**  
1 year: 1 credit  
Open to grades 9, 10, 11, and 12  
Prerequisite: Successful completion of at least one semester of Accelerated Algebra I or 1 full year of Algebra IA or Algebra IB with a minimum grade of C.

Geometry is the study of shapes and sizes of physical objects. Besides the study of points, lines, planes, angles, polygons, circles, boxes, spheres, cones, and some other figures, geometry also involves exploration of visual patterns and making connections between algebraic and geometric concepts. Additionally, both formal and informal geometric proofs help develop higher level cognitive skills which can be applied to higher level math as well as a variety of "real life" situations. Scientific calculator required.
Math for Technical Trades
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Successful completion of Accelerated Algebra I or Algebra IA and Algebra 1B

Math for Technical Trades is an applied mathematics course for students that are interested in a career in automotive tech, machine tool, and electrical power distribution. In this course, students will gain knowledge of mathematics that is specific and essential to working in one of these three fields. Topics specific to each career field include engine displacement for prospective auto techs, voltage drop due to resistance for linemen, and surface area and volume of a metal part for machinists.

Transcripted credit through Chippewa Valley Technical College (CVTC) is awarded to students who successfully complete the course requirements. This means that students can earn 2 credits at CVTC at no cost if they earn a C or better in the course.

Algebra II
1 year: 1 credit
Open to grades 9, 10, 11, and 12
Prerequisite: Successful completion of Accelerated Algebra I and Geometry (or concurrent enrollment with teacher approval) with a minimum grade of B-.

Algebra II covers the same topics as Accelerated Algebra II, but with more emphasis on applications, and less emphasis on theoretical considerations. Students enrolled in this class cannot continue in the Calculus path sequence. A graphing calculator is required (TI-83+ or TI-83 is recommended).

Accelerated Algebra II
1 year: 1 credit
Open to grades 9, 10, 11, and 12
Prerequisite: Successful completion of Accelerated Algebra I or both Algebra IA and Algebra 1B (with recommendation of successful completion of Geometry).

Accelerated Algebra II is essentially a continuation of Algebra I. In addition to reviewing and extending most of the concepts from Algebra I, this course includes the additional topics of sequences, series, linear programming, exponentials, and logarithms. This is the required course for the Calculus path sequence. A graphing calculator is required (TI-83+ or TI-83 is recommended).

Digital Electronics (PLTW)
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Completion of Algebra 2 or concurrent enrollment is recommended. Students do not need to take Intro to Engineering Design or Electronics 1 prior to taking this course (although doing so will increase their likelihood of success).

Digital electronics is the foundation of all modern electronic devices such as cellular phones, MP3 players, laptop computers, digital cameras, high definition televisions, etc. Strong math skills are essential to success in this course. The purpose of this course is to open doors to understanding electronics and foundations in circuit design. Students will learn the digital circuit design process to create circuits and present solutions that can improve people's lives. They will learn how advancements in foundational electronic components and digital circuit design processes have transformed the world around you. The principles covered in this class include Designing Digital Circuits, Assembling and Soldering Circuits, Electrical Components, Analog Electrical Circuits, Integrated Circuit Chips, Digital Logic, Electrical Signals, Programmable Logic Devices, and Artificial Intelligence.
Math Investigations I
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Successful completion of Accelerated Algebra II or Algebra II and Geometry with a minimum grade of C in each class.

Math Investigations I is a one semester course designed for either college bound students who desire an alternative to Intro Calculus, or for students who enjoy diverse mathematical topics. Maintenance and improvement of algebraic and geometric skills will be emphasized along with an investigation of current and ancient ideas through a non-traditional curriculum in mathematics. A graphing calculator is required (TI-83+ or TI-83 is recommended).

Math Investigations II
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Successful completion of Accelerated Algebra II or Algebra II and Geometry + with a minimum grade of C in each class.

Math Investigations II is a one-semester course that continues the philosophy and diverse topics incorporated in Math Investigations I. Although not a requirement, it is recommended that students complete either Math Investigations I or one semester of Intro Calculus before enrolling in this course. A graphing calculator is required (TI-83+ or TI-83 is recommended).

Probability and Statistics
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Successful completion of Accelerated Algebra II or Algebra II with a minimum grade of C.

Using a TI-83+ or TI-83 calculator, students will verify and explore the basic principles of probability which involve the study of the chance or likelihood of an event happening, and investigate the gathering, organizing, and interpreting of statistical data. Since more and more career fields require statistical analysis and a basic understanding of probability, this course is recommended for students. A graphing calculator is required (TI-83+ or TI-83 is recommended).

Accelerated Trigonometry ***
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Successful completion of one semester of Accelerated Algebra II (or concurrent enrollment) and one year of Geometry with a minimum grade of C in both classes.

Accelerated Trigonometry involves the study of a certain class of periodic functions that includes triangular relationships as well as angular measurements. Understanding concepts and applications in this course is essential for later courses in the Calculus path sequence. This is the course that has to be taken for the Calculus path sequence. A graphing calculator is required (TI-83+ or TI-83 is recommended).

Intro Calculus ***
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Completion of both Accelerated Algebra II and Accelerated Trigonometry (or concurrent enrollment) with a minimum grade of C in both courses.

Intro Calculus is the final preparatory course for the study of Calculus. Much of the course is a continuation of topics begun in Accelerated Algebra II and Accelerated Trigonometry with major emphasis placed on the study of functions. Additionally, topics from Analytic Geometry are integrated at appropriate places. A graphing calculator is required (TI-83+ or TI-83 is recommended).
Advanced Placement Calculus - Level AB ***
1 year: 1 credit
Open to grades 11 and 12
Prerequisite: Completion of Intro Calculus with a minimum grade of B.

Calculus is one of the most important of all branches of mathematics and is considered a primary building block for most areas of science. It is required at the college level for virtually all math and science-related fields and many areas of business. This course is the equivalent to at least one semester of calculus offered at most colleges and universities. Upon completion of the course, students may be able to test out and receive credit for one semester of college calculus by attaining a satisfactory score on the Advanced Placement Calculus exam-level AB. A graphing calculator is required (TI-83+ or TI-83 is recommended).
Music

Although many people in our school and community know our music department for its performances at various school events, the focus of our curriculum is on comprehensive musicianship, specifically the development of musical perception, aesthetic sensitivity, and technical mastery. The other social-enrichment byproducts and the development of priceless life skills learned by all music students are in addition to the foundation of our number one priority: music education.

Music Department Course Offerings

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^ Auditioned ensemble.
+ Enrollment in a “core” (band, choir, or orchestra) ensemble is a prerequisite.

Exception: piano, guitar, and bass players for jazz band.
Music

General Information for all Music Students

Students electing band, orchestra and/or chorus should understand that these are performing classes. Each ensemble participates in several concerts, festivals, competitions, parades, and other assemblies yearly, and that attendance at these performances is considered part of the class work. These performances will be outside of school hours.

Band

752  Varsity Band
1 year: 1 credit
Open to grades 9 & 10 (11th and 12th grade by director approval only)
Prerequisite: Prior membership in a school music ensemble

Varisty Band focuses on the study of music through instrumental performance, improvisation, composition, singing, reading & notating, analysis, evaluation, making connections to the Arts, and learning of history and culture. These concepts will be introduced and developed throughout the entire year. Students enrolled in this year-long course will begin the year with a unit on marching band. All students will be members of the Chippewa Falls Marching Cardinals. The marching band unit begins in August and continues into the school year until mid-October. Rehearsal time and travel with the marching band unit will involve extra time outside of the school day. There is a yearly band fee, the amount of which varies and is announced in the spring prior. After the marching band unit, students will study works of band music appropriate to their grade level. Students will attend regularly scheduled performances, including concerts and pep band, throughout the school year. All students prepare for - and are encouraged to participate in - the Solo Ensemble Festival.

753  Symphonic Band
1 year: 1 credit
Open to grades 11 and 12 (9th and 10th grade by director approval only)
Prerequisite: Prior membership in a school music ensemble

Symphonic Band focuses on the study of music through instrumental performance, improvisation, composition, singing, reading & notating, analysis, evaluation, making connections to the Arts, and learning of history and culture. These concepts will be introduced and developed throughout the entire year. Students enrolled in this year-long course will begin the year with a unit on marching band. All students will be members of the Chippewa Falls Marching Cardinals. The marching band unit begins in August and continues into the school year until mid-October. Rehearsal time and travel with the marching band unit will involve extra time outside of the school day. There is a yearly band fee, the amount of which varies, and is announced in the spring prior. After the marching band unit, students will study works of band music appropriate to their grade level. Students will attend regularly scheduled performances, including concerts and pep band, throughout the school year. All students prepare for - and are encouraged to participate in - the Solo Ensemble Festival.

755  Jazz I
1 year: 1 credit
Open to grades 9, 10, 11, and 12

This auditioned ensemble meets every day throughout the year. It is open to freshmen through seniors. Students enrolled in this course must also be enrolled in the appropriate concert band as well (except piano, bass, and guitar). Auditions for admission are held in the spring of the previous year. Students are expected to perform in concerts and jazz festivals throughout the year. The focus is on the subject of jazz—America’s truly original art form. Music is FUN! Our class will explore the history of jazz and it’s theoretical construction (including form, styles, and improvisation), realize the ensemble is greater than the sum of the individual members, and learn from and with each other. Our assignment is to tap into each individual’s potential.
Jazz II
1 year: 1 credit
Open to grades 9, 10, 11, and 12

This course is open to all students who play an instrument. Students are expected to perform in concerts throughout the year. Jazz II is an introductory course focusing on the subject of jazz—America’s truly original art form. Our study will touch on jazz history, styles, improvisation, but we will mainly listen to and play as much music as possible.

Orchestra

9th Grade Orchestra
1 year: 1 credit
Open to grade 9
Prerequisite: Two years of experience on an orchestra instrument

This class gives violin, viola, cello, and string bass players the opportunity to study and perform grade 3 string orchestra literature. 9th grade orchestra will include a study of intermediate string technique including mastering 3rd position and learning all twelve scales. Intermediate musicianship, theory, and music history will be taught in small group lessons as well as the large ensemble. There will be several required performances throughout the year. All students prepare for, and are encouraged to perform at Solo/Ensemble Festival. Students will furnish their own instrument, folder, and lesson book.

10th Grade Orchestra
1 year: 1 credit
Open to grade 10
Prerequisite: Three years of experience on an orchestra instrument

This class gives violin, viola, cello, and string bass players the opportunity to study and perform grade 4 string orchestra literature. 10th grade orchestra will include a study of intermediate-advanced string technique and learning two octave scales. Intermediate-advanced musicianship, theory and music history will be taught in small ensemble lessons as well as the large ensemble. There will be several required performances throughout the year. All students prepare for, and are encouraged to perform at Solo/Ensemble Festival with their small ensembles. Students will furnish their own instrument, folder, and lesson book.

11th Grade Orchestra
1 year: 1 credit
Open to grade 11
Prerequisite: Three years of experience on an orchestra instrument

This class gives violin, viola, cello, and string bass players the opportunity to study and perform grade 4 and 5 string orchestra literature, as well as full orchestra literature. 11th Grade Orchestra will include a study of advanced string technique including three octave scales in group lessons as well as the large ensemble. There will be several required performances throughout the year. All students prepare for, and are encouraged to perform at Solo/Ensemble Festival. Students will furnish their own instrument, folder, and lesson book.
12th Grade Orchestra
1 year: 1 credit
Open to grade 12
Prerequisite: Three years of experience on an orchestra instrument

This class gives violin, viola, cello, and string bass players the opportunity to study and perform grade 5 and 6 string orchestra literature, as well as full orchestra literature. 12th grade orchestra will include a study of advanced string technique including a focus on minor scales in group lessons, as well as the large ensemble. There will be several required performances throughout the year. All students prepare for, and are encouraged to perform at Solo/Ensemble Festival. Students will furnish their own instrument, folder, and lesson book.

Wire Choir
1 year: 1 credit
Open to grades 9, 10, 11, and 12
Prerequisite: Students must be concurrently enrolled in Orchestra and audition to be in the ensemble

Wire Choir is an auditioned string group open to students enrolled in Orchestra. Several pieces will be memorized and put to a routine. The repertoire includes mostly pop music.

Choristers
1 year: 1 credit
Open to grade 9 females and new 10-12 females

Choristers continues to develop earlier experiences and basics in vocal techniques, music reading skills, ear training, and choral musicianship. The choir studies a variety of quality literature, focusing on comprehensive musicianship through performance. The choir participates in three to four concerts and festivals. Lessons are given to all students, in group and individual settings. All students prepare for, and are encouraged to participate in the Solo/Ensemble Festival.

Varsity Women’s Choir
1 year: 1 credit
Open to grade 10, 11, and 12
Prerequisite: Choristers

The choir studies all styles of music through performance. This class will include the study of advanced vocal techniques, choral musicianship, ear training, and music reading skills. Lessons or sectionals will be given to all students. All members prepare for, and are encouraged to participate in Solo/Ensemble Festival. This choir performs a minimum of four concerts per year with a possible performance tour in the spring. This choir also serves as the ambassadors of the Vocal Music Department and, therefore, may be invited to participate in other local community and state-wide performances.

Men’s Choir
1 year: 1 credit
Open to grades 9, 10, 11, and 12

Men’s Choir continues to develop earlier experiences and basics in vocal techniques, music reading skills, ear training, and choral musicianship. The choir studies a variety of quality literature, focusing on comprehensive musicianship through performance. The choir participates in three to four concerts and festivals. Lessons are given to all students, in group and individual settings. All students prepare for, and are encouraged to participate in the Solo/Ensemble Festival. Members are responsible for an approximate $30 fee for performance attire.
Cardinal Choir
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Choristers

Cardinal Choir is open to soprano, alto, tenor, and bass voices who have auditioned and demonstrated appropriate singing ability and musicianship. Membership is limited to a balanced SATB choir. The choir studies all styles of quality literature. This class will include the study of advanced vocal techniques, choral musicianship, ear training, and music reading skills. Lessons or sectionals will be given to all students. All members prepare for, and are encouraged to participate in Solo/Ensemble Festival. This choir performs a minimum of four concerts per year with a possible performance tour in the spring. This choir also serves as the ambassadors of the Vocal Music Department and, therefore, may be invited to participate in other local community and state-wide performances.

Vocal Jazz
1 year: 1 credit
Open to grades 11 and 12
Prerequisite: One year of a curricular choir previously; in addition, concurrently enrolled in a large curricular choir.

This class will offer a comprehensive study of vocal jazz, a genre that evolved out of jazz music that has its roots in the United States. The information taught will include a solid basis in jazz technique and theory, jazz history, vocal improvisation and scatting, vocal jazz phrasing and style, performing with microphones, the delivery of lyrics, experiencing a rhythm section, and the art of solo singing in jazz.

Harmonics
1 year: 1 credit
Open to grades 9, 10, 11, and 12
Prerequisite: Students must be concurrently enrolled in Choristers, Varsity Women’s, Men’s, or Cardinal Choir.

Membership is based on an audition process in the spring of the previous year. Music of various popular styles from this century; such as pop, rock, jazz, Broadway, etc. will be explored and learned in the large group as well as in small ensembles and solos (spotlight acts). Movement through dance will be explored under the guidance of a professional choreographer. Students perform in Super Show, Harmonics Showcase, winter/spring competitions, school concerts, and various community service projects. All members are responsible for membership costs.

Melodics
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Prerequisite: Students must be concurrently enrolled in Choristers, Varsity Women’s, Men’s, or Cardinal Choir.

Students will explore the music of various popular styles from this century: pop, rock, jazz, Broadway, hip hop, et cetera. These will be learned/experienced in the large group as well as in smaller spotlight acts. Additionally, dance and movement will be developed. Stage presence, professionalism with commercial music, and projecting physical and facial expression are also experienced. Students will perform at two local competitions, school concerts, and local community events. All members will be responsible for some membership costs, primarily for costuming.
A cappella - Vocal Band
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Must be in a core choir (Men’s Choir, Varsity Women’s Choir, or Cardinal Choir)

Contemporary A cappella is a course that explores the world of unaccompanied singing. This class will be predominantly focused on the preparation and singing of A cappella music. In this class, you will be singing arrangements of songs from pop, jazz, country, choral, Christmas, rock, etc. You will also learn about the production and marketing side of contemporary A cappella music. From learning how to build a “brand” to producing music videos and running various social media accounts, this class teaches a variety of knowledge needed to be successful on your own in the contemporary music business.

Other Music Opportunities

Popular Songwriting
1 semester: 1/2 credit
Open to grade 10, 11, and 12

This course studies the fundamental principles of music composition in popular songwriting. The term “popular music” in this course refers to mainstream music written within the last few decades. Students will study the principles of composition, arranging, and recording. Through this course, students will be writing, listening, analyzing, and evaluating music, both their own and that of our popular culture. Students will learn how to write great music, tell great stories through lyrics, and how to express the human experience through sound.

Analysis of Rock & Roll
1 semester: 1/2 credit
Open to grades 10, 11, and 12

Students enrolled in Analysis of Rock & Roll will study the development of music in America from the early 1900’s to the modern era. Genres studied include (but are not limited to) blues, R&B, early Rock & Roll, jazz, swing, doo-wop, soul, folk, hard rock, heavy metal, surf, gospel, hip-hop, rap, and pop. Components of the class involve listening, surveying, analyzing, writing, and evaluating the evolution of popular music styles throughout American history, pop culture, fashion, politics, and more.

AP Music Theory
1 year: 1 credit
Open to grade 12

Admission will be based on recommendation of a music teacher. Students enrolled in this course will study music theory, music analysis, music composition, melodic and harmonic dictation, and sight singing. This course will appropriately prepare students for the AP Music Theory Exam in the spring.
The mission of the Chippewa Falls High School Physical Education Program is to expose all students to a wide variety of lifelong activities and to teach them the skills and knowledge necessary to lead a physically active lifestyle. Physical Education is an integral part of the total educational process. It gives students the opportunity to develop physically, mentally and socially through the use of physical activity. Physical Education helps students achieve the skills, physical fitness, knowledge, social qualities and attitudes that will allow them to develop an optimal quality of life and well-being.
Physical Education

All PE classes will be fitness tested twice a semester utilizing the “FITNESSGRAM” program

Required Classes

- Grade 9: Physical Education 1 and Health class
- Grade 10: Physical Education 2
- Grade 11 or 12: 1 activity class

006 Health
1 semester: 1/2 credit
Required for grade 9

This is a required course for all ninth graders and will be taken during the semester opposite their physical education class when possible. There are four major areas that will be emphasized in the course: physical, mental, emotional, and social health. Physical health will entail the developmental consequences of physical growth and adolescence. The emphasis for this part of the course will be the functional results of growth, fitness, and nutrition, etc. Mental health topics cover mental disorders and attitudes toward alcohol, tobacco, and other drugs. Emotional health deals with personality development, stress, grief, and suicide. Social health involves relationships, communication, social aspects of sexual activity, and societal values. “The Real Care Baby” will be implemented into the curriculum, as well as First Aid/CPR.

Activity Classes

009 Adapted Physical Education
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12.

A doctor’s recommendation and consent of the school counselor is required. A variety of activities will be offered based on the individual needs of the student.

010 Physical Education 1
1 semester: 1/2 credit
Required for grade 9

Fit for Life, tennis, softball, flag football, soccer, basketball, lacrosse, floor hockey, volleyball, and team handball will be offered in this course.

014 Physical Education 2
1 semester: 1/2 credit
Required for grade 10
Prerequisite: Physical Education 1

Students will be in the weight room every other day being introduced to lifting techniques and principles. Other activities offered in the class include golf, badminton, eclipseball, archery, volleyball, and tennis.

016 Lifetime Physical Education
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

A counselor or teacher’s recommendation is required. A variety of activities will be offered based on the needs of the students.
019 **Club Fit**
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Physical Education 1 and Physical Education 2

This course will incorporate aerobics, core conditioning, interval training, strength training, yoga, pilates, rollerblading, cross country skiing, walking, and jogging.

020 **Weight Training and Conditioning**
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Physical Education 1 and Physical Education 2

General weight training will give each student the opportunity to learn correct training techniques and methods, build strength, and improve their fitness level.

023 **High Performance Physical Education**
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Physical Education 1, Physical Education 2, & Weight Training is required

This class is designed for students involved in interscholastic athletics, and is designed to develop strength, flexibility, agility, and conditioning. Extensive and intense work will be designed to increase performance and prevent injuries. Healthy lifestyle choices will be emphasized. Positive self-image, drug and alcohol awareness, imagery and visualization will be presented within the framework of developing total wellbeing. The variety of course topics will change as social and athletic interest needs change.

031 **Dual and Individual Activities**
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Physical Education 1 and Physical Education 2

Golf, tennis, archery, badminton, eclipseball, pickleball, volleyball, indoor fitness, and outdoor fitness. Other recreational games may also be played.

033 **Team Sports**
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Physical Education 1 and Physical Education 2

Flag football, soccer, lacrosse, basketball, volleyball, softball, team handball, floor hockey, and other modified team games. A more in-depth approach will be used including strategy and introduction to officiating.
Northwoods Adventures
1 semester: 1/2 credit
Open to grade 12, instructor approval needed
Prerequisite: Physical Education 1 and Physical Education 2
Activity fee: $50.00

Course Equipment Needed
- Access to a bike in working condition.
- Golf clubs (school issued if needed)
- Rollerblades (school issued if needed)

Students will participate in a variety of both on and off campus instructional activities. These include: golfing multiple courses, biking up to 5-10 miles per day, rollerblading, hiking, walking, bowling, snowshoeing, kayaking, cross-country skiing, ice skating, team building activities, touring multiple fitness facilities and having guest speakers.

Theory of Coaching and Officiating Athletics
1 semester: 1/2 credit
Open to grades 11 and 12

This course will study aspects of coaching and officiating athletics. Topics will include psychology of coaching, developing practice plans, team rules, and program goals. This class does not count toward the 1.5 Physical Education requirement for graduation.
Science Course Requirements

All students must take a **minimum** of:

- Biology
- Earth Science
- a Chemistry course (choose from Basic Chemistry, General Chemistry, or Pre-AP Chemistry)
- a Physics course (choose from Basic Physics, General Physics, or AP Physics)

**NOTE:** Three science credits are required for graduation. Taking the minimum will only count as 2.5 credits. These students will need to choose one year-long chemistry or physics option OR take a science elective (such as Environmental Science or another possible elective listed below).

**NOTE:** Not all of these courses will meet college entrance requirements. See your science teacher or counselor for assistance in choosing the correct pathway for you.

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**Recommended Pathways:**

<table>
<thead>
<tr>
<th>Grade 9</th>
<th>2 or 4 year degree Non Science focus</th>
<th>2 or 4 year degree STEM focus</th>
<th>2 or 4 year degree Medical focus</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 9</td>
<td>Biology Earth Science</td>
<td>Biology Earth Science</td>
<td>Biology Earth Science</td>
</tr>
<tr>
<td>Grade 9</td>
<td>General Chemistry**</td>
<td>Pre-AP Chemistry***</td>
<td>Pre-AP Chemistry***</td>
</tr>
<tr>
<td>Grade 9</td>
<td>General Physics**</td>
<td>AP Physics***</td>
<td>AP Physics***</td>
</tr>
<tr>
<td>Grade 9</td>
<td>Elective</td>
<td>AP Chemistry***</td>
<td>Human Anatomy***</td>
</tr>
<tr>
<td>Grade 9</td>
<td></td>
<td>Principles of Engineering**</td>
<td>AP Biology***</td>
</tr>
</tbody>
</table>

**Other possible electives**

- AP Biology***
- AP Chemistry***
- Human Anatomy***
- Astronomy**
- Principles of Engineering**
- Regional Geology**
- Environmental Science
- Wonders of Carbon
- Food Science ES
- Plant & Soil Science ES
- Biotechnology ES
- Natural Resources ES
- Veterinary Science ES
- AP Biology***
- Human Anatomy***
- Astronomy**
- Regional Geology**
- Environmental Science
- Wonders of Carbon
- Biotechnology ES
- Natural Resources ES
- Remote Pilot Training
- Teacher Assistant—Science
- AP Chemistry***
- Wonders of Carbon
- Astronomy**
- Principles of Engineering**
- Regional Geology**
- Environmental Science
- Biotechnology ES
- Teacher Assistant—Science

**Bold** classes are required for graduation

Earth Science can be taken any year
“ES”- Equivalent Science Courses

Students have the option of taking courses that are labeled with "ES" in the title. The "ES" signifies that those respective courses are “equivalent science” courses. This means that students who successfully pass the course will earn the respective amount of science credit per course. Students still need to take the required high school science courses; these equivalent science courses can be taken by high school students as science electives. The five “ES” courses available to students are: Biotechnology ES, Food Science ES, Natural Resources ES, Plant & Soil Science ES, and Veterinary Science ES.

Agriculture/Science (Ag/Sci) high school courses that have been approved by DPI as high school science equivalent units will be considered by University of Wisconsin System institutions as high school science units for admission purposes as indicated in the following table. The high school transcript must indicate that the courses are recognized by DPI as meeting science units.

<table>
<thead>
<tr>
<th>Institution</th>
<th>How will the DPI-approved Ag/Sci courses count for admission purposes?</th>
</tr>
</thead>
<tbody>
<tr>
<td>UW Colleges</td>
<td>B</td>
</tr>
<tr>
<td>UW-Eau Claire</td>
<td>A</td>
</tr>
<tr>
<td>UW-Green Bay</td>
<td>B</td>
</tr>
<tr>
<td>UW-La Crosse</td>
<td>B</td>
</tr>
<tr>
<td>UW-Madison</td>
<td>B</td>
</tr>
<tr>
<td>UW-Milwaukee</td>
<td>B</td>
</tr>
<tr>
<td>UW-Oshkosh</td>
<td>B</td>
</tr>
<tr>
<td>UW-Parkside</td>
<td>B</td>
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<tr>
<td>UW-Platteville</td>
<td>B</td>
</tr>
<tr>
<td>UW-River Falls</td>
<td>B</td>
</tr>
<tr>
<td>UW-Stevens Point</td>
<td>A</td>
</tr>
<tr>
<td>UW-Stout</td>
<td>B</td>
</tr>
<tr>
<td>UW-Superior</td>
<td>B</td>
</tr>
<tr>
<td>UW-Whitewater</td>
<td>A</td>
</tr>
</tbody>
</table>

KEY:
A. Completion of one or more Ag/Sci courses will count for no more than 1 science unit.
B. Completion of one or more approved Ag/Sci courses will count only as the 3rd unit of science as long as the student has taken some combination of biology/chemistry/physics for the other two units.
### Requirements

Biology: 1 credit  
Earth Science: 1/2 credit  
Chemistry: 1/2 or 1 credit  
Physics: 1/2 or 1 credit

#### 301 Biology

1 year: 1 credit  
Open to grade 9

Biology is concerned with the study of life around us. Units of study are: ecology, biochemistry, cell structure and function, energy, molecular biology, genetics, and evolution. Contemporary issues regarding science, technology, and society - such as genetic engineering, food technology and medicine are also discussed. Laboratory studies consider many areas of biology including cells, plants, animals, and microorganisms.

This course fulfills the life science requirement for graduation.

#### 302 Earth Science

1 semester: 1/2 credit  
Open to grades 9 and 10  
Open to grades 11 and 12 with consent of instructor and counselor.

This is a required course for 9th or 10th grade students and fulfills the Earth Science graduation requirement.

Earth Science explores the origin and evolution of Earth and of the universe. Students will gain a greater understanding of the processes that have shaped Earth’s surface, determined its weather patterns, and influenced its life forms throughout history.

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### Chemistry Options

**NOTE:** The science department offers three different introductory chemistry courses. Students must take a course in chemistry and can choose from: Basic Chemistry (semester-long), General Chemistry (year-long), or Pre-AP Chemistry (year-long). Please read the course descriptions carefully, or see your current science teacher for a recommendation.

#### 318 Basic Chemistry

1 semester: 1/2 credit  
Open to grades 10, 11, and 12  
Enrollment in this course requires a signed teacher recommendation form.

This is a semester course that can fulfill the chemistry graduation requirement. The introductory concepts of chemistry including matter, atoms, periodic table, and chemical reactions are explored through demonstrations, discussion, group work, and laboratory investigations. This is a course for students who may not have career interests in science related fields and can serve as a stepping stone to other chemistry courses for those who may continue their education beyond high school.

Please note that Basic Chemistry is not considered a college-preparatory class for students wishing to attend a four-year college or university, and may not meet the requirements for some technical college programs. This course is intended for students who may struggle academically despite a strong classroom effort.

**NOTE:** The science department offers three different introductory chemistry courses. Students must take a course in chemistry and can choose from: Basic Chemistry (semester long), General Chemistry (year-long), or Pre-AP Chemistry (year-long). Please read the course descriptions carefully, or see your current science teacher for a recommendation.
320 General Chemistry **
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Accelerated Algebra 1 with a grade of D or higher or Algebra 1A with a grade of B or higher

General Chemistry is a course for those who may continue their education beyond high school, but may not have career interests in science related fields. The major areas of chemistry are surveyed with emphasis on application to daily life and the relation of chemistry to current social issues.

321 Pre-AP Chemistry ***
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Accelerated Algebra 1 with a grade of C or higher, a grade of B or higher is recommended

Pre AP (Pre-Advanced Placement) Chemistry is a math-oriented laboratory course in chemistry. Theoretical, practical, and technical areas of chemistry are studied. This course provides the background in chemistry for those students who anticipate going to college. It is also appropriate for students going into the technical programs that require background in chemistry. Pre-AP Chemistry is NOT limited to just the students who plan to take the AP (Advanced Placement) Chemistry course.

Physics Options

NOTE: The science department offers three different introductory physics courses. Students must take a course in physics and can choose from: Basic Physics (semester-long), General Physics (year-long), or AP Physics (year-long). Please read the course descriptions carefully, or see your current science teacher for a recommendation.

328 Basic Physics
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Enrollment in this course requires a signed teacher recommendation form.

This is a semester course that can fulfill the physics graduation requirement. The introductory concepts of physics including motion, forces, energy, and waves are explored through demonstrations, discussion, group work, and laboratory investigations. This is a course for students who may not have career interests in science related fields and can serve as a stepping stone to other physics courses for those who may continue their education beyond high school.

Please note that Basic Physics is not considered a college preparatory class for students wishing to attend a four-year college or university, and may not meet the requirements for some technical college programs. This course is intended for student who may struggle academically despite a strong classroom effort.

NOTE: The science department offers three different introductory physics courses. Students must take a course in physics and can choose from: Basic Physics (semester long), General Physics (year-long), or AP Physics (year-long). Please read the course descriptions carefully, or see your current science teacher for a recommendation.

330 General Physics**
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Geometry with a grade of “C” or higher, or with written consent of instructor.

General Physics is a course designed for students who plan to continue their education after high school. The high school graduate who immediately enters the job market may find physics very beneficial; for example, working for computer firms, tool and die firms, etc. Areas of study include motion, forces, momentum, energy, and waves.
331 AP Physics 1 - Algebra Based***
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Algebra II with a grade of “C” or higher, or written consent of instructor. General Physics is not a prerequisite for AP Physics

AP Physics is a course designed for students planning to attend college or technical school following high school. While it is helpful to all students, it is especially valuable to students hoping to enter manufacturing, science, agriculture, medical, and related fields of technology. Areas of study include motion, energy, and basic electric circuits. This course is based on considerable experimentation, lecture, discussion, and demonstration. Emphasis is on the theoretical and mathematical background needed to prepare a good foundation for a future science or math course.

Science Electives

312 Advanced Placement Biology***
1 year: 1 credit
Open to grades 11 and 12
Prerequisite: Biology, General or Pre-AP Chemistry, two years of math

Advanced Placement Biology provides advanced background in genetics, cell physiology, biochemistry, microbiology, anatomy, physiology, evolution, and ecology. Extensive laboratory work is performed including the required Advanced Placement experiments. Emphasis is placed on the activities of science and its impact on society. Recommended for the college bound. Satisfactory scores on the national exam qualify students for advanced placement or credit for college biology.

316 Human Anatomy and Physiology***
1 year: 1 credit
Open to grades 11 and 12
Prerequisite: C– or better in Biology, General or Pre-AP Chemistry

Human Anatomy provides advanced background in the major body systems, the tissues and organs of those systems and their related physiology. This course will include traditional and independent learning and laboratory activities. This course is highly recommended for students planning on entering the medical field. This course is also of value to students who are interested in athletic training, general health topics and personal well-being.

322 Advanced Placement Chemistry***
1 year: 1 credit
Open to grades 11 and 12
Prerequisite: One year of Pre-AP Chemistry (grade of C or higher is strongly recommended).

Advanced Placement Chemistry is a lab-oriented second-year course designed to better prepare students who anticipate careers in science, medicine, engineering, or science related fields. AP Chemistry is also appropriate for students who hope to test out of chemistry to pursue other interests in college. Subject matter concentrates on topics usually covered in typical college freshman chemistry courses, such as bonding, equilibrium, kinetics, acids and bases, electrochemistry, and analysis. Satisfactory scores on the national exam qualify students for advanced placement or credit in chemistry at college.
From Slime to Gasoline: The Wonders of Carbon
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: A passing grade or current enrollment in Accelerated Algebra 1 or Algebra 1B

Carbon is arguably the most versatile element. It is the basis to countless compounds including slime, gasoline, plastics, and all living systems. You will explore the versatility of carbon through the hands-on labs and activities in this semester-long course. Units of study will include: Introduction to Hydrocarbons, Petroleum, Dyes, Plastics and other Polymers.

Environmental Science - Water (offered only first semester)
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Biology

This course is designed to investigate environmental issues, their causes and possible solutions. Major units include: 1) Sustainability & Environmental History, 2) Water Resources (lake & river studies, water cycle, municipal water supplies), 3) Waste Management (Solid & Hazardous), and 4) Land use & Urban sprawl. Students will do field work at local sites. Environmental Science is intended for students who wish to know more about their environment and environmental issues, so they can make a difference.

Environmental Science - Air & Land (offered only second semester)
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Biology

This course is designed to investigate environmental issues, their causes and possible solutions. Major units include: 1) Sustainability, Environmental History, & Public Lands, 2) Threats to our Atmosphere (Climate Change and Air Pollution), 3) Non-renewable & Renewable Energy Resources, and 4) Biodiversity. Students will do field work in local Wisconsin natural areas. Environmental Science is intended for students who wish to know more about their environment and environmental issues, so they can make a difference.

Regional Geology ** (offered only second semester)
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Earth Science with a C or better

Regional Geology will acquaint students with structure, stratigraphy, petrology, geomorphology, paleontology, and geologic history of Wisconsin. Students will have the opportunity to travel around the state to experience the material covered in the class. Travel fees will be required, but fundraising will be included with the class. Exact itinerary and dates have not yet been determined, but travel should take place within a few weeks after graduation.

Astronomy **
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Earth Science, Geometry are recommended and may be taken concurrently

This course is an introduction to the field of Astronomy, covering topics of modern astronomy, the origins of the Universe, solar system formation, as well as current investigations for life on other planets. We will teach methods of observational astronomy, light propagation and a general overview of the scientific method.
**Principles of Engineering** *(PLTW)*
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisites: Geometry with a C or better. General or AP Physics highly recommended (may be taken concurrently)

Principles of Engineering (POE) is a year-long survey course of engineering. The course exposes students to some of the major concepts that they will encounter in a postsecondary engineering course of study. Students have an opportunity to investigate engineering and high tech careers. POE gives students the opportunity to develop skills and understanding of course concepts through activity-, project-, and problem-based learning. Student will explore a broad range of engineering topics, including mechanisms, circuits, the strength of structures and materials, and automation.

**Environmental Sustainability** *(PLTW)*
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisites: Biology

Environmental Sustainability is a high school-level specialization course in PLTW Engineering. In this class, students investigate and design solutions to solve real-world challenges related to clean drinking water, a stable food supply, and renewable energy. Students are introduced to environmental issues and use the engineering design process to research and design potential solutions. Utilizing the activity-, project-, problem-based learning, students transition from completing structured activities to solving open-ended projects and problems that require them to develop planning, documentation, communication, and other professional skills. Successful completion of the course and final exam will earn students transcripted college credit with the Milwaukee School of Engineering.

**Remote Pilot Training**
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisites: C or better average in all math classes

The Remote Pilot Training curriculum covers all of the specific textbook information needed to successfully pass the FAA part 107 test. This will allow the students to fly commercial drones in accordance within the rules and regulations of the FAA. Students must be 16 at the time of completing the test and will need to schedule on their own with the FAA. We will cover topics such as FAA regulations, map reading, weather, basic drone functions such as GPS tracking and brushless motors, explore how drones are currently being used and how they might be used in the future.

**Veterinary Science ES**
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisites: Biology
Every other year starting in 2016-2017

Veterinary Science ES class is designed for the student who wants to pursue a career working with animals. It is intended to develop basic competencies in animal health care. Areas of study include safety and sanitation, terminology, anatomy/physiology, treatments, immunity, and surgical and clinical procedures. Students will also study embryology by incubating and hatching chicks.
Natural Resources ES (not offered next year; plan accordingly)
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Biology
Offered: Every other year starting in 2017-2018

The proper management of our natural resources is essential on the local, state, and national levels. The four major units for this course are: forestry, water quality, soil conservation, and energy sources. Specific topics include: forest measurements, woodland management, water pollution and conservation, soil conservation, fossils fuels and alternative energy sources. The final project for this course is students will make their own biodiesel.

Biotechnology ES (not offered next year; plan accordingly)
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisites: Biology and one other Agriscience course
Offered: Every other year starting in 2017-2018

This science based laboratory course deals with the idea of changing living things. Some of the laboratory work will include studies with cloning, plant tissue culture, DNA extraction from plant and animal materials, artificial insemination, embryo transfer, product fermentation, and yeast studies. Students will learn how to complete electrophoresis using different DNA. In addition, issues related specifically to the biotechnology industry, such as understanding the product development process, ethical, legal and social concerns will be addressed. Other equipment students may use are: hot plates, pipettes, incubators, and water baths.

Plant & Soil Science ES
1 year: 1 credit
Open to grades 10, 11 and 12
Prerequisites: Biology
Offered: Every year

This course provides fundamental knowledge of plant components and their functions. Topics include pollinating and propagating plants, germinating seeds, plant nutrients, and factors affecting photosynthesis, respiration, and transpiration. Participants will experience plant components and their functions through the completion of hands-on activities. Students will also assist in developing and maintaining the school’s orchard and compete in the Agronomy or Horticulture contest hosted by CVTC. Students have the option to take this course for CVTC credit.

Food Science ES
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Biology
Offered: Every other year starting in 2016-17

Food science related careers are in demand and there are not enough qualified candidates to meet the demand. This course explores the foods we eat and the science behind them. Students will also learn about food additives and substitutes, fermentation, preserving, and the science of creating food packaging. Students can expect this class to be fast-paced with many laboratory activities.

Teacher Assistant—Science
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisites: C or better average in all math classes

The Science Teacher’s Assistant will assist the teacher in answering student questions, holding review sessions and reteaches, as well as helping prep materials for labs.
Social Studies Department

The Social Studies Department offers courses in history and the social sciences. Graduation requirements for Social Studies include one year of World History during grade 9, one year of US History during grade 10, one semester course in Economics during grade 11 or 12, one semester course in Government during grade 11 or 12, and one semester of elective credit chosen by the student. Many students choose to earn more than these required credits out of personal interest or in preparation for college-level critical writing and thinking.

### 3.5 Total Credits Required for Graduation

<table>
<thead>
<tr>
<th>Grade Level</th>
<th>Available Course Offerings</th>
<th>Credits</th>
<th>Requirements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Grade 9</td>
<td><strong>World History A</strong>&lt;br&gt;<strong>World History B</strong>&lt;br&gt;AP Human Geography&lt;br&gt;Contemporary Issues</td>
<td>.5 credit&lt;br&gt;.5 credit&lt;br&gt;1 credit&lt;br&gt;.5 credit</td>
<td>World History A&lt;br&gt;World History B&lt;br&gt;or&lt;br&gt;AP Human Geography</td>
</tr>
<tr>
<td>Grade 10</td>
<td><strong>US History 1900-1950</strong>&lt;br&gt;<strong>US History 1950-Present</strong>&lt;br&gt;AP United States History&lt;br&gt;AP Psychology&lt;br&gt;Contemporary Issues&lt;br&gt;Wisconsin History</td>
<td>.5 credit&lt;br&gt;.5 credit&lt;br&gt;1 credit&lt;br&gt;.5 credit&lt;br&gt;.5 credit</td>
<td>U.S. History 1900 – 1950&lt;br&gt;and&lt;br&gt;U.S. History 1950 – Present&lt;br&gt;or&lt;br&gt;AP U.S. History</td>
</tr>
<tr>
<td>Grade 11 &amp; 12</td>
<td><strong>American Government</strong>&lt;br&gt;<strong>Economics</strong>&lt;br&gt;Military History&lt;br&gt;Introduction to Criminal Justice&lt;br&gt;AP U.S. Government &amp; Politics *&lt;br&gt;AP United States History&lt;br&gt;AP Psychology&lt;br&gt;Contemporary Issues&lt;br&gt;Psychology of Human Behavior&lt;br&gt;Abnormal Psychology (TC)**&lt;br&gt;Hollywood vs. History&lt;br&gt;Sociology&lt;br&gt;Wisconsin History</td>
<td>.5 credit&lt;br&gt;.5 credit&lt;br&gt;.5 credit&lt;br&gt;.5 credit&lt;br&gt;1 credit&lt;br&gt;1 credit&lt;br&gt;.5 credit&lt;br&gt;.5 credit&lt;br&gt;.5 credit&lt;br&gt;.5 credit&lt;br&gt;.5 credit&lt;br&gt;.5 credit</td>
<td>American Government&lt;br&gt;Economics&lt;br&gt;plus one .5 credit elective&lt;br&gt;* Students taking AP U.S. Government &amp; Politics fulfill both the government and elective requirements for graduation.&lt;br&gt;* Students who take regular U.S. History or Government can then take AP U.S. History or AP Government at a later time.&lt;br&gt;** Transcripted Credit at CVTC&lt;br&gt;***Potential for 6 University credits</td>
</tr>
</tbody>
</table>
Social Studies

Required Courses

202  **World History A**
1 semester: 1/2 credit
Required for grade 9 (unless enrolled in AP Human Geography)

This course studies the beginnings of human culture and journeys through early civilizations. Classical traditions, major religions, and empires are just a part of the major global trends examined throughout this course. Students will explore the expanding zones of exchange and interaction as they emerge and intensify in what is considered the first global age.

203  **World History B**
1 semester: 1/2 credit
Required for grade 9 (unless enrolled in AP Human Geography)

This course begins during the age of revolutions. Intellectual, political, social, economic, and industrial revolutions will be discussed, along with the ever-present concepts of nationalism and imperialism. Major sources of tension and conflict will be analyzed to provide students with a better understanding of the foundations for a contemporary world.

214  **United States History: 1900 - 1950**
1 semester: 1/2 credit
Required for grade 10 (unless enrolled in AP US History)

This course begins with the study of America’s growing involvement in world affairs and attempts to acquire territorial possessions. Next, America’s Progressive Movement and other reform movements of the early 1900’s will be considered. Another important event that will be studied is World War I, America’s involvement in that war, and the results of the peace treaty that followed. The course continues with a study of the economic, social, and political climate of the 1920’s, and the causes and effects of the Great Depression. Finally, the course will conclude with an extensive study of one of the most significant events of the 20th Century: World War II. The causes and results of the war, including the emergence of the United States as a superpower and its competition with the Soviet Union will be discussed.

216  **United States History: 1950 to the Present**
1 semester: 1/2 credit
Required for grade 10 (unless enrolled in AP US History)

This course continues with an in-depth study of the Cold War between the United States and the Soviet Union and its impact on both foreign policy and domestic affairs. Next, there will be an extensive study of the Civil Rights Movement in the United States. The course will also look at the significant events of the 1960s and 1970s including the Cuban Missile crisis, political assassinations, the Vietnam War, the Space Race, and Watergate. The course will study the impact of the Reagan era on U.S. foreign and domestic policy in the 1980s, and it will conclude by looking at the Bush and Clinton administrations. America’s role as the policeman of the world will be discussed as we study the Persian Gulf War and other American military actions throughout the world.
American Government
1 semester: 1/2 credit
Open to grades 11 and 12

Either American Government or AP Government and Politics is required for graduation.

American Government is designed to enrich the student's understanding of democracy in America. Students will learn about the ideals and key principles that characterize American democracy. They will study the events that led to the development of American democracy. They will learn how the resiliency of the U.S. Constitution contributed to the strength of the government it created. Students will discover which powers were given to Congress, and the formal and informal powers given to the Presidency. They will discover how the Supreme Court carries out its responsibility of judicial review. Students will learn how our state government is organized and how it functions in our federal system of government.

Economics
1 semester: 1/2 credit
Open to grades 11 and 12. Economics is required for graduation.

The concepts covered in this course will include supply and demand, comparative economic systems, money and banking, and the role of government in our economy. This course places an emphasis on the practical application of important economic concepts. The student will be able to apply these concepts in everyday living.

Social Studies Electives

Contemporary Issues
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Contemporary Issues is an interdisciplinary elective that brings clarity to current events and topics of debate through problem-based learning, research, and discussion. Contemporary issues will approach current events thematically. Themes will be differentiated based on class interests.

In this class, you will learn how to find and identify reputable sources, as well as how to use evidence from those sources to come to conclusions about the political, economic, geographic, and social factors that influence the events under study. How to conduct research, write about it, and discuss it will all be central skills utilized to learn these current topics.

Potential areas of study could include: race, religion, and culture, terrorism, immigration, globalization, technology, human/environment interaction, and others.

Military History
1 semester: 1/2 credit
Open to grades 11, and 12

This course is designed for students who have an interest in the history of the Armed Forces and U.S. Military history. Coursework would include the history of each of the branches of the Armed Forces. This portion of the course would include how each branch was created, its particular history and how that branch is structured. The course will also study how they currently operate in today’s role in peacekeeping and national security. Instruction will also include highlights of military actions in our country’s history. Highlights will include, but are not limited to, the Revolutionary War, Civil War, WWI, WWII, Cold War, Korean War, Vietnam War, and all military actions in Post WWII Middle East. Students will be expected to have a real interest in military history or military service.
Hollywood v. History: Investigating History Through Film
1 semester: 1/2 credit
Open to grades 11 and 12

Many people seem to get their “facts” about history from box office movies. But how accurate is that information? In this course, students will explore American history through the lens of film and other popular culture and evaluate how factual they are. Students will research and present on a variety of topics associated with historical eras. Through this, students will learn how to read films as cultural texts in an effort to better understand history. Course projects and assignments are designed to help students develop historical research skills, and to improve their abilities to express opinion and critical thinking through writing.

Note: A significant portion of the course will involve historical research, critical analysis, and writing.

Introduction to Criminal Justice
1 semester: 1/2 credit
Open to grades 11 and 12

This college level course will examine the criminal justice system from both a historical and current perspective. Students will determine modern police functions from an historical perspective; identify the role of law enforcement officers in American society; differentiate between the roles and functions of federal, state, and local law enforcement agencies; explore the variety of career opportunities in the criminal justice system; apply professional principles as a criminal justice professional; examine internal and external controls by describe how professionalism, ethics, and moral standards relate to a criminal justice career, examine how laws and the court’s findings provide guidance and how each community lends to the atmosphere of an organization.

This course has a transcription agreement with CVTC. Pending its annual renewal, students may earn CVTC credit for successful completion of the course at no cost.

Psychology of Human Behavior
1 semester: 1/2 credit
Open to grades 11 and 12

Psychology is the study of behavior. While both animal and human behavior are considered, the major emphasis is on human development and adjustment. Units on motivation, personality development, intelligence, and the role of psychology in society are included. Designed for students who plan to continue their education beyond high school.

Abnormal Psychology (TC)
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Successful completion of OR concurrent enrollment in AP Psychology. Students taking Abnormal Psychology concurrently with AP Psychology will be placed in a spring section of the Course.

This college-level course surveys the essential features, possible causes, and assessment and treatment of the various types of mental illness from the viewpoint of the major theoretical perspectives in the field of abnormal psychology. Students will be introduced to the diagnosis system of the Diagnostic and Statistical Manual of Mental Disorders (DSM-5). In addition, the history of the psychology of abnormality will be traced. Cultural and social perspectives in understanding and responding to abnormal behavior will be explored as well as current topics and issues within abnormal psychology. Students enrolling in this course should be prepared to read about and discuss sensitive topics related to mental illness (e.g., trauma-related disorders, suicidality, and norm-violating behaviors).

This course has a transcription agreement with CVTC. Pending its annual renewal, students may earn CVTC credit for successful completion of the course at no cost.
Wisconsin History: A Survey of the Badger State
1 semester: 1/2 credit
Open to grades 10, 11, and 12

This course is designed as an introductory survey examining the diverse geography, culture, and people of the state of Wisconsin. Wisconsin History provides students with the knowledge and experiences related to Wisconsin’s heritage. Topics covered will include, but are not limited to: physical geography; native peoples; territory to statehood; immigration; industries; local history; and extra-ordinary Wisconsinites. This course is designed around the use of primary source documents to aid in development of historical research and critical thinking skills. Students are expected to research, and present on, a variety of topics which define and explain Wisconsin’s rich history.

Sociology: The Study of Society and Culture
1 semester: 1/2 credit
Open to grades 11 and 12

Provides an introduction to human social behavior including culture, socialization, deviance, social stratification, and issues relating to race, age, and gender. Basic history, concepts, and terminology within the field are emphasized. Designed for students who plan to continue their education beyond high school.

Advanced Placement Human Geography ***
1 year: 1 credit
Open to grade 9 (Students may qualify for this course if they are recommended by a Middle School Social Studies teacher or are contacted by the instructor, or by contacting the instructor. We are encouraging good students who will eventually want to take additional Advanced Placement courses to sign up for this class. Ultimately, the student must receive approval by the Social Studies Department and/or the instructor before enrollment is accepted in this course.)

The objective of this course is to introduce students to the discipline of Human Geography and the systematic study of patterns and relationships that shape our world. The course will focus on skills such as: interpreting maps, analyzing geospatial data, and understanding the implications of phenomena in places. Topics studied include: Geography: Its Nature and Perspectives, Population and Migration, Cultural Patterns and Processes, Political Organization of Space, Agriculture, Food Production, and Rural Land Use, Industrialization and Economic Development, and Cities and Urban Land Use. As with any Advanced Placement course, students taking AP Human Geography should expect college level reading assignments, workloads, and tests.

A significant focus of this class is preparing students for successful completion of the AP Human Geography Examination given in May of each year. Students who pass the exam may earn college credit. A fee is charged for taking this examination.

Advanced Placement U.S. Government and Politics ***
1 year: 1 credit
Open to grades 11 and 12 with Social Studies Department approval

AP U.S. Government and Politics is an intensive study of the government of the United States. It is a year-long course that looks at the formal and informal structures of our government, and includes a study and evaluation of the political system that runs it. The course is designed to help students develop an understanding and appreciation for how the political system works, and how it influences and touches the lives of every American. Also, it is designed to help students understand how their participation in the system is important to its survival. Students will develop a critical understanding of the strengths and weaknesses of the American political system, as well as their rights and responsibilities. The approval of the Social Studies Department is required before enrollment is accepted in this course. Additionally, acceptance may be contingent upon completion of a qualifying essay/assignment.

Students may earn college credit by successfully completing the national Advanced Placement Examination given in May each year. A fee is charged for taking this examination.
Advanced Placement Psychology ***
1 year: 1 credit
Open to grades 10, 11, and 12
Recommended: GPA of 3.5 or above in previous Social Studies classes. However, this course is open to any student willing to accept the challenge of college level work.

The objective of this course is to introduce students to the discipline of psychology: its methodology, major areas of study, and current research and practice. Topics studied include neuroscience and the brain, behavior genetics, developmental psychology, sensation and perception, learning, states of consciousness, cognition, intelligence, motivation and emotion, personality theory, psychological disorders and treatment and social psychology. As with any Advanced Placement course, students taking AP Psychology should expect college level reading assignments, workloads and tests.

A significant focus of this class is preparing students for successful completion of the national Advanced Placement Psychology Examination given in May of each year. Students who pass the exam may earn college credit. A fee is charged for taking this examination.

Advanced Placement United States History ***
1 year: 1 credit
Open to grades 11 and 12 with Social Studies Department approval
Open to grade 10 with recommendation from World History teachers and approval of course instructor and Social Studies Department Academic Chair.

Advanced Placement United States History is a rigorous and challenging course, comprised of predominately college-level material, and designed for those students who have a genuine interest in the history of our nation. In this year-long course, students will study American History from the colonization to the present. Emphasis will be placed upon analyses of primary and secondary historical sources, critical thinking and writing, and essay construction. Students must have advanced reading and writing capabilities and must be willing to devote considerable time to out-of-school studies. The approval of the Social Studies Department is required before enrollment is accepted in this course. Additionally, acceptance may be contingent upon completion of a qualifying essay/assignment. Students wishing to drop this course must do so by the end of the 2nd week of the semester.

Students may earn college credit by successfully completing the National Advanced Placement Examination in United States History given in May of each calendar year. A fee is charged for taking this examination.
The following guide is to help you plan your classes within our department. All introductory level courses are listed in bold, while the upper level classes, within that content area, are indented below them. To take an upper level course you must first take the introductory course. This means the sooner you take the beginning course, the more opportunities you have after that. For example, if you want to explore welding you will need to take Introduction to Welding before you can take Welding Technology. If you wait until your senior year to take Introduction to Welding you will not be able to take Welding Technology, as it is a year-long course.

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Technology Education

PLTW Courses

806  **Introduction to Engineering Design (IED) (PLTW)**
1 year: 1 credit  
Open to grades 9, 10, 11, and 12  

In this course, students use 3D solid modeling design software to help them design solutions to solve proposed problems. Students will learn how to document their work and communicate solutions to peers and members of the professional community. This course is designed for 9th and 10th grade students. The major focus of the IED course is to expose students to the design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation.

808  **Computer Science Essentials (CSE) (PLTW)**
1 year: 1 credit  
Open to grades 9 & 10  

Computer Science Essentials is designed to be the first computer science course for students who have never programmed before, and as an optional starting point for the PLTW Computer Science program. Students work individually and in teams to create apps for mobile devices using MIT App Inventor, Vex Studio, and Python. They also explore the impact of computing in society, along with building skills in digital citizenship and cybersecurity. Beyond learning the fundamentals of programming, students also build computational-thinking skills by applying computer science to collaboration tools, modeling and simulation, and data analysis. Students transfer the understanding of programming gained in App Inventor to text-based programming in Python, and apply their knowledge to create algorithms for games of chance and strategy.

Automotive Courses

819  **Power to Go**
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Lab Fees: Small engine parts as needed  

Small gas engine users of any level benefit from having an understanding of engine fundamentals and service procedures. **Power To Go** is a course designed to provide students with practical knowledge of small engine theory, construction, operation, troubleshooting, inspection, service, rebuilding and repair as it relates to portable power sources (e.g. lawnmowers, snow blowers, rototillers, etc.) Upon completion of the course, **the student is required to recondition a single cylinder four-cycle engine (student supplied) ranging from 3 to 20 horsepower**. Throughout the course, the emphasis will be on application.

**Student supplied safety glasses are required.**
Car Care
1 semester: 1/2 credit
Open to grades 11 and 12
Lab Fee: $5.00

Car Care is designed to afford young women and men the knowledge and skill for owning and maintaining their own automobile. Students will be exposed to such topics as purchasing a vehicle, insurance options, service contracts, appearance, care and maintenance schedules. Students will also learn the basic fundamentals of the engine, power train, chassis, and body care. A large portion of the semester will be devoted to the laboratory experiences in which students will learn by doing. Equipment used will be “home use” auto washers and buffers, anti-freeze testers, tire pressure gauges, and basic hand tools. Students who have taken or are enrolled in Automotive Technology or Advanced Automotive Technology will not be allowed to schedule this course. Car Care does not meet the prerequisite for Advanced Automotive Technology.

Students must have a valid driver’s license. It is strongly recommended that students have access to a vehicle to perform various maintenance tasks within the laboratory on a regular basis.

Student supplied safety glasses are required.

Automotive Technology
1 semester: 1 credit (meets on both A & B days)
Open to grades 11 and 12
Prerequisite: Power to Go (with a grade of C or better)
Recommended related courses: Electronics I is highly recommended! Introduction to Welding, Intro to Engineering Design, Machine Metals
Lab Fee: $10.00

The modern automobile is made up of many different systems with hundreds of components and thousands of parts. Automotive Technology is a course designed to introduce these components and explore their applications. The course is 60% theory, and 40% required related lab activities. Routine maintenance, trouble shooting, repair procedures, and career opportunities will be included.

Students must have a valid driver’s license.
Student supplied safety glasses are required.

Advanced Automotive Technology
1 semester: 1 credit (meets on both A & B days)
Open to grade 12
Prerequisite: Automotive Technology (with a grade of C or better)
Recommended related courses: Electronics II is highly recommended! Machine Metal Working, Introduction to Welding, Intro to Engineering Design, Communications
Lab Fee: $10.00

Advanced Automotive Technology is a course designed to allow the student to improve both knowledge and skills required of today’s automotive technicians. Advanced diagnostics and repair procedures will be explored along with on-the-job type training such as found in a modern auto repair facility. The student will be graded by completing required lab activities, independent repairs, and classroom assignments. The class is approximately 60% lab and 40% theory.

Students must have a valid driver’s license.
Student supplied safety glasses are required.
Computer-Aided Drafting Courses

831 Introduction to CAD/FAB Lab
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

This course is designed to teach students how to use 3D and 2D CAD (Computer Aided Drafting) software to create models and drawings of their ideas and designs. Knowledge gained in this course can be applied to a variety of courses offered in our school, as well as post secondary training. Students will create prototypes of their projects utilizing a variety of digital technologies (laser engravers, 3D printers, vinyl cutters, and CNC equipment, etc.) found in the newly constructed STEAM/FAB Lab. If you like to utilize digital technology design and bring your ideas to life, then this course is for you.

833 Civil Engineering and Architecture (PLTW)
1 year: 1 credit
Open to grades 10, 11 and 12

Civil Engineering and Architecture is the study of the design and construction of residential and commercial building projects. The course includes an introduction to many of the varied factors involved in building design and construction including building components and systems, structural design, storm water management, site design, utilities and services, cost estimation, energy efficiency, and careers in the design and construction industry.

The major focus of the CEA course is to expose students to the design and construction of residential and commercial building projects, design teams and teamwork, communication methods, engineering standards, and technical documentation.

834 Advanced CAD (Formerly CAD-CAM)
1 year: 1 credit
Open to grades 10, 11 and 12
Prerequisite: Intro to CAD/FAB Lab (with a grade of C or better)

Advanced CAD builds and expands upon the concepts and commands learned in the Introduction to CAD/FAB Lab course. Students will expand their 3D solid modeling and 2D working drawing skills, which are used in industry to manufacture products. In addition, students will create prototypes of their projects utilizing a variety of digital technologies (laser engravers, 3D printers, vinyl cutters, and CNC equipment, etc.) found in the newly constructed STEAM/FAB Lab. Upon completion of this course, students will have the opportunity to obtain certification recognized by business and industry.

This course is transcripted with CVTC. All students enrolled in Advanced CAD, who earn a C or better grade, will receive transcripted credits through CVTC and those credits can be transferred to two and four-year colleges and universities. In addition, students have the opportunity to take a certification test (CERT) which is recognized by business and industry.

835 IPC Computer-Aided Drafting Architectural
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Civil Engineering and Architecture and a conference with the instructor are required

I.P.C. CAD Architectural will prepare students for entry level jobs in the field of architectural drafting or to continue their study at a Technical School, Junior College, or University. Students that are interested in a career in one of the following areas of drafting: civil, structural drafting, or architecture, must talk to the instructor before signing up for this course.
IPC Computer-Aided Drafting Mechanical
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Advanced CAD and a conference with the instructor are required

I.P.C Computer-Aided Drafting Mechanical will prepare students for entry level jobs in the field of mechanical drafting, or to continue their study at a Technical School, Junior College, or University. Students that are interested in a career in one of the following areas of drafting: technical drafting, CAD-CAM, or Mechanical engineering, must talk to the instructor before signing up for this course.

Electronics Courses

840 Electronics I
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Lab Fees: $5.00 (covers the cost of the two projects)

Whether the goal is an occupation, a hobby, or an understanding of the confusing technology around us, Electronics I is the first step in reaching that goal. This course starts with the basics (current, voltage, resistance in series and parallel circuits). In addition, an introduction to digital electronics is included. Student built projects are used to demonstrate the concepts.

Student supplied safety glasses are required.

842 Electronics II
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Electronics 1 (with a grade of C or better)
Recommended related courses: Intro to Engineering Design
Lab Fee: $5.00

Electronics II is the study of the building blocks of industrial electronics. Students construct power supplies, amplifiers, and electronic switching circuits. Experiments are done to demonstrate the operation of electronic components such as diodes, capacitors, transistors, and SCR's.

Student supplied safety glasses are required.

Graphics Courses

850 Graphics I
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

An introduction to the graphic communications field. Students will explore the area through a variety of hands-on activities covering digital photography, printing, packaging, video production, web design, and desktop publishing. Students will be using a variety of graphics programs including Adobe Illustrator, Photoshop, and Premiere Pro.
851 **Graphics II - Design**  
1 semester: 1/2 credit  
Open to grades 10, 11, and 12  
Prerequisite: Graphics I (with a grade of C or better)  

This course builds upon the skills learned in Graphics I and focuses on the areas of printing, packaging, and web page development. Students will work with a variety of materials and processes related to the printing and packaging industry. In addition, students will explore web page development and produce their own web page. Adobe Illustrator and Dreamweaver are some of the programs used in class.

853 **Graphics II – Photography**  
1 semester: 1/2 credit  
Open to grades 10, 11, and 12  
Prerequisite: Graphics I (with a grade of C or better)  

This course builds upon the skills developed in Graphics I and focuses on the area of photography. Students will advance their knowledge of digital photography through a variety of hands-on activities. Adobe Photoshop and Adobe Premiere Pro will be the primary graphic software programs.

854 **Graphics III**  
1 semester: 1/2 credit  
Open to grades 11 and 12  
Prerequisite: Graphics II Design or Graphics II Photography (with a grade of C or better)  

This course focuses on Graphic Communications as a career. Students will contract for their own course of study in the variety of areas available in Graphic Communications. Heavy emphasis will be placed on production of items needed by the school or community. This course demands a large amount of self-motivation and direction. The course builds toward a final draft to be certified as an Adobe Certified Associate in Dreamweaver.

148 **Chi-Hi Happenings**  
1 year: 1 credit  
Open to grades 11 and 12  
Prerequisites: Students must receive a C or better in all their Technical Education classes and are subject to instructors’ approval. It would be helpful to have computer experience. Students need to be deadline oriented and exhibit a large degree of personal responsibility.  
Recommended related courses: Graphics, Communications  

This “hands-on” course teaches students to produce news, opinion, and entertainment stories for a school and community audience. Using a multidisciplinary approach, students will learn to communicate across multiple media formats. Students will work as reporters, operating video and audio equipment to gather information, and they will learn to edit their work using Adobe Premiere Pro software. They will produce Chi-Hi Happenings, a biweekly television show broadcast throughout the school. In addition, students will maintain an online website complementing their weekly broadcast.

Emphasis will be on student production. Grading will be based on aired/published story packages and “homework” will be on the production of those stories.
 Metals Courses

860  **Metal Fabrication**
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Lab Fee: $10.00

This course is a semester elective designed for all 9-12 grade students to explore the manufacturing, construction, engineering, and transportation career pathways with a focus on sheet metal design and fabrication. They will develop fundamental skills and knowledge through a variety of classroom and lab activities that incorporate: industry safety, print reading, CAD software, measurement, and project planning. Students will work with a variety of sheet metal equipment and tools to fabricate and assemble projects. CNC Plasma design and operation will be introduced.

**Student supplied safety glasses are required**

862  **Machine Metalworking**
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
Recommended related courses: Intro to CAD/FAB Lab, Intro to Engineering Design, Introduction to Welding, Metal Fabrication
Lab Fee: $5.00

Machine Metalworking is a "hands-on", project based, introduction to the safe and accurate operation of machine tools. Topics covered include: engine lathe, milling machine, band-saws, drill presses, grinders, CNC, EDM, threading, print reading, lay-out procedures, precision measurement, and career opportunities.

**Student supplied safety glasses are required.**

864  **Machine Tool Technology**
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Machine Metalworking (with a grade of C or better)
Recommended related courses: Intro to CAD/FAB Lab, Intro to Engineering Design, Introduction to Welding, Metal Fabrication
Transcripted with CVTC
Lab Fee: $10.00

Machine Tool Technology is an in depth exploration of modern machine tool practices. This course will allow the student to further develop the knowledge and skills acquired in Machine Metalworking. Areas emphasized include advanced measuring practices using digital readouts, thread forms, gear cutting, foundry practices, heat treatment, metallurgy, advanced lathe, and mill practices, and computer numerical (CNC) machining. Students may earn up to 5 credits with CVTC.

**Student supplied safety glasses are required.**
Introduction to Welding (formerly Practical Welding)
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12
CVTC transcripted credit is earned with a grade of C or better
Lab fee: $10.00

This course is a semester elective designed for all 9-12 grade students to explore the manufacturing, construction, and engineering career pathways with a focus on welding. Students will learn and apply several welding and cutting processes including SMAW (ARC/stick), GMAW (MIG/wire feed), Oxy-Fuel Cutting (OFC), and CNC Plasma design and operation. They will develop fundamental skills and knowledge through a variety of activities that incorporate; industry safety, print reading, measurement, self-reflection, certifications, and project planning and completion.

Student supplied safety glasses and welding gloves are required.

Welding Technology
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Introduction to Welding (with a grade of C or better)
CVTC transcripted credit is earned with a grade of C or better
Lab Fee: $10.00

This course is a year long elective course designed for 10-12 grade students that will expand upon metallurgy through welding and cutting applications on mild steel, stainless steel, and aluminum. Students will review SMAW and GMAW processes. GTAW(TIG) welding processes will be introduced and explored. Students will further develop and hone their skills and knowledge through a framework of activities that use industry safety, destructive testing methods, print reading, and all position welding. Students will design, program, and complete project and personal parts using the CNC Plasma Cutter. Students will work towards the American Welding Society SENSE Level 1 Certification.

Student supplied safety glasses and welding gloves are required.

Chi-Hi Manufacturing
1 semester: 1 credit
Open to grades 11 and 12
Prerequisite: Welding Technology (with a grade of C or better) or teacher approval

Chi-Hi Manufacturing is a capstone course where a student-run company will operate for 1 semester. This course will focus on refining 21st century skills sought by employers through designing and manufacturing of products to meet the district, community, and business needs. Industry standards including safety, project development, invoicing, project management, and quality control will be reviewed and put into action. Students will utilize the engineering and design process and advanced manufacturing software and processes to complete projects.

This is a great course for students who want to develop skills for employment, prefer project based learning, and want to work towards being college and career ready for the many high demand occupations related to advanced manufacturing.

Students must complete an application and interview to be considered for enrollment.
Woodworking Courses

870 Woodworking I
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Woodworking I is an introductory course that presents students with basic design principles, planning, blueprint reading, and problem solving skills. Throughout the semester, students will be introduced to various hand tools and several power tools including tablesaws, jointers, surfacer, sanders, bandsaws, drill presses, CNC router, and more. Safety is top priority and will be stressed during the semester.

Student supplied safety glasses are required.

872 Woodworking II - Cabinet Making
1 semester: 1/2 credit
Open to grades 10, 11 and 12
Prerequisite: Woodworking I (with a grade of C or better)

This course is geared toward students who are serious about the woodworking profession. Although some time is spent on structured projects, a large amount of time is allotted for projects of the student’s choosing and design. Construction techniques will focus on advancing the skills learned in Woodworking I to join and fasten materials together to build a useful and aesthetically pleasing project to enjoy for years to come. Another area that will be explored is the art of refinishing, whereby an existing piece of broken down furniture is restored and returned to a functional conversation piece. Students who are considering woodworking and/or refinishing as a self-rewarding trade or hobby definitely need to consider this course.

Student supplied safety glasses are required.

873 Woodworking II - Manufacturing
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Woodworking I (with a grade of C or better)

This course applies, and expands upon, the concepts and skills learned in Woods I. Students will work together to design, create and manufacture high quality projects that each student will take home. Traditional woodworking tools and machinery, as well as automated machining (CNC) and laser engraving technology, will be extensively used in the construction of projects. Those students who are truly interested in seeing how technology and machines come together to create and build useful items need to enroll in this course.

Student supplied safety glasses required

874 Residential Construction
1 semester: 1/2 credit
Open to grades 11 and 12
Prerequisite: Woodworking I (with a grade of C or better)
Lab Fee: $10.00

This course is an exploration of the residential construction industry and is geared toward students interested in construction careers. Students will learn how to design and build a residential home from the foundation to the roof. Projects will vary from small-scale components of a residential house to large-scale construction of a storage shed. In addition, they will explore the various trades involved in the construction of a residential house including plumbing, electrical, and HVAC.
Visual Art

We encourage all students, in every grade level, to enroll in visual arts classes. As a student in the visual arts, you…

- Develop a higher level of self-awareness
- Respect and appreciate our own and different cultures
- Perceive and understand the past and our ever-changing world
- Creatively problem-solve to find multiple solutions and use higher level thinking
- Express yourself as a unique individual
- Develop basic and advanced technical skills
- Respect and appreciate art media
- Understand art as a form of Visual Literacy
- Become more visually literate

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<td>(Prerequisite Introductory Level Course Required)</td>
<td>Visual Art Foundations plus Portfolio Prep: Drawing and Painting OR Portfolio Prep: 2D Design and Photography (Prerequisites for AP Art and Design)</td>
</tr>
<tr>
<td>0.5 credit semester course</td>
<td>0.5 credit semester course</td>
<td>1.0 credit year long course</td>
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<tr>
<td>*Visual Art Foundations</td>
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* Prerequisite courses for AP Art and Design

Many postsecondary institutions are requiring portfolios for Art and Design majors (i.e. Graphic Design, Game Design, Multi-media Design, etc.) be submitted upon application, usually near the beginning of a student’s senior year. Visual Art Foundations, plus additional art courses, should be completed before their senior year, to prepare a quality portfolio and meet the varied portfolio requirements.

All Art and Design majors are required to take Art History courses. AP Art History (and a 3 or better on the AP exam) fulfills one art history course requirement (3 credits) at most universities. AP Art and Design (3 courses: 2D Design, Drawing, 3D Design) fulfills one studio art elective (3 credits) at most universities. (AP Portfolio must earn a score of 3 or better for credit at most universities).

All college majors require students to take Humanities Credits. AP Art and Design, CAPP 101—Elements of Studio Art, and CAPP 105—Understanding the Arts all qualify as 3 humanities credits at most universities. CAPP is a UW Oshkosh initiative and collaboration with participating high schools to provide academically capable students an opportunity to earn college credit while still in high school. It is a concurrent enrollment program by certified high school teachers who hold adjunct lecturer status with UW Oshkosh. You receive both high school and college credit for your work, thereby decreasing your time to earn a college degree.
# Visual Art

## 701 Visual Art Foundations
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12

Successful completion of this course is a prerequisite to Portfolio Prep - 2D Design and Photography, Portfolio Prep - Drawing and Painting, and AP Art and Design. Visual Art Foundations is strongly recommended before Computer Imagery and Animation, Visual Arts and Crafts Studio, Sculpture Studio, and Ceramics Studio.

Visual Art Foundations is a foundation art course for students wanting to develop and improve basic art skills and knowledge of artists, mediums, techniques, and processes of art. Art history, aesthetics, art criticism, and visual literacy are components of this course. Any student interested in a career involving visual arts, design, history, culture, travel, media, architecture, communications, psychology, sociology, or a career that requires creative problem solving skills would greatly benefit from this course. Future Ready Skills, to better prepare students for all careers, are a significant focus of all visual arts courses.

## 702 Visual Arts and Crafts Studio
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Lab Fee: $15.00

Visual Arts and Crafts is a course designed to develop creativity through functional and decorative craft techniques. Students will learn the history and purpose of craft making while exploring mediums such as fibers, clay, and print making.

## 703 Ceramics Studio
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Lab Fee: $15.00

Ceramics is a course for students interested in hand-built and wheel thrown clay vessels. Methods used include pinch, coil, slab, modeling, and wheel. Students will be evaluated on creativity, craftsmanship, workmanship, and design. Future Ready Skills, to better prepare students for all careers, are a significant focus of all visual arts courses. Ceramics and Advanced Ceramics or Sculpture (in addition to Visual Art Foundations) may be taken in preparation for the AP Art and Design 3D portfolio.

## 704 Sculpture Studio
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Lab Fee: $15.00

Sculpture students develop creative, 3-dimensional designs as solutions to problems set up by the instructor. A variety of materials will be provided, and it may be required for students to provide found materials from the natural environment or recycled materials. Student exploration and experimentation are important. Future Ready Skills, to better prepare students for all careers, are a significant focus of all visual arts courses. Sculpture, in addition to Ceramics and Visual Art Foundations, may be taken in preparation for the AP Art and Design 3D portfolio.
Advanced Ceramics Studio
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: Ceramics Studio
Lab Fee: $15.00

Advanced Ceramics will build upon knowledge and skills gained in Ceramics Studio. Advanced hand-building and wheel throwing techniques will be used. Advanced Ceramics, in addition to Visual Art Foundations, may be taken in preparation to submit a 3D Design Portfolio in AP Art and Design.

3D Computer Imagery and Animation
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

The media and gaming industries are in high demand today. Computer imagery and animation is a course which will develop the skills needed to create, model, manipulate, and animate graphic images. Students will design their own personal images in a three dimensional screen environment. Students will begin a portfolio of work for personal display or to meet some art school entrance requirements. Future Ready Skills, to better prepare students for all careers, are a significant focus of all visual arts courses.

Advanced Computer Imagery and Animation
1 semester: 1/2 credit
Open to grades 10, 11, and 12
Prerequisite: B or better in 3D Computer Imagery and Animation and instructor approval

Advanced students will continue to work to grow their portfolios. Student initiative and self-direction are needed. Future Ready Skills, to better prepare students for all careers, are a significant focus of all visual arts courses.

Portfolio Prep—Drawing and Painting
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Visual Art Foundations
Lab fee: $30.00

Formerly Drawing and Painting Studios, Portfolio Prep (Drawing and Painting) is a year long course focusing on design foundations and technical skills in drawing and painting. A variety of drawing and painting mediums will be used, as well as a range of approaches to subject matter and design. Portfolio Prep—Drawing and Painting is designed to prepare students for the AP Art and Design Drawing Portfolio.

Portfolio Prep—2D Design and Photography
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: Visual Art Foundations
Lab fee: $30.00

Portfolio Prep (2D Design and Photography) is a year long course focusing on design foundations and technical skills in traditional and digital media, including photography. A variety of photography and multimedia approaches will be used, as well as a range of approaches to subject matter and design. Projects are designed to fulfill the breadth section of the 2D Design portfolio submitted for college credit to the AP College Board in AP Art and Design. Portfolio Prep—2D Design and Photography is designed to prepare students for the AP Art and Design 2D Design Portfolio.
Advanced Placement Art and Design ***
1 year: 1 credit (may be taken 3 times for credit)
Open to grades 10, 11, and 12
Lab Fees: $50.00
Prerequisite: Visual Art Foundations, Portfolio Prep (2D Design and Photography or Drawing and Painting). Prerequisites may be taken concurrently, and the artwork from those classes may be used in the AP portfolio. Ceramics and Advanced Ceramics or Sculpture may be taken in place of Portfolio Prep if the student plans on submitting a 3D portfolio.

The AP Art and Design program consists of three different courses and AP Portfolio Exams—AP 2D Art and Design, AP 3D Art and Design, and AP Drawing—corresponding to college and university foundations courses. Students may choose to submit any or all of the AP Portfolio Exams. Students create a portfolio of work to demonstrate inquiry through art and design and development of materials, processes, and ideas over the course of a year. Portfolios include works of art and design, process documentation, and written information about the work presented. In May, students submit portfolios for evaluation based on specific criteria, which include skillful synthesis of materials, processes, and ideas and sustained investigation through practice, experimentation, and revision, guided by questions.

Students may earn college credit by successfully submitting their portfolio to the National Advanced Placement College Board with their approval. A fee is charged for portfolio submission. Advanced Placement Art and Design may be taken multiple times for high school credit. Both Portfolio Prep courses must be completed or taken concurrently to take AP Art and Design a second or third time. Each year a student may select one of the three portfolio options to submit, and may receive additional college credit for each portfolio submitted.

AP Art History ***
1 year: 1 credit
Open to grades 10, 11, and 12
Fees: See Field Trip Requirement

Technical Requirements: Internet access outside of class required

This course offers the serious student an opportunity to explore in depth, the history of art from ancient times to the present, increasing their knowledge of world history to a college level understanding of Art History. Through readings, research, digital images, videos and museum visits, students will view significant artworks from around the world. Writing skills will be important in the description, analysis, and comparison of these works. Visual analysis is an integral part of activities/assignments. Students are expected to create visual and written record of content, observations, online collaborative class discussion on significant historical events, art periods/styles, specific artworks and issues/themes that connect these artworks in the form of a personalized online gallery, as well as additional assignments and online resources.

Field Trip Requirement: AP requires a field trip to see actual works included in the AP Art History curriculum. Students will be required to attend the field trip and need to cover the cost of transportation and admission. Cost will be calculated once the number of students and the cost of the vehicle and admission have been determined.

Note: Practice exams are not available in an online format or permitted outside of a secure classroom setting. Practice exam locations and times will be announced and will be required in addition to the online course requirements.
**Design Fundamentals**  
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Lab fee: $15.00

Design Fundamentals is a hands-on, project-based foundation art course for students wanting to develop and improve basic 2D and 3D design skills and apply them in real world design projects in a variety of design career pathways. Any student interested in a career involving visual arts, design, or a career that requires creative problem solving skills would greatly benefit from this course. The projects include, but are not limited to, basic introductions to packaging design, apparel design, product design, kinetic design, etc.

Future Ready Skills, to better prepare students for all careers, are a significant focus of all visual arts courses. The Elements of Art and Principles of Design will be stressed.

**Digital Media Art**  
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Prerequisite: Graphics 1

Digital Media Art is a foundation art course for students that want to experience a wide variety of digital art created primarily on the computer using the Adobe Suite. The course is designed to expose students to a wide variety of 2D digital media and how it is created. Any student interested in a career involving visual arts, design, or a career that requires creative problem solving skills would greatly benefit from this course. The projects include, but are not limited to web design, communication design, fine art photography, 2D animation, 2D character design, computer generated art, multimedia projects, etc.

Future Ready Skills, to better prepare students for all careers, are a significant focus of all visual arts courses. The Elements of Art and Principles of Design will be stressed.

**Art for Therapy and Wellness**  
1 semester: 1/2 credit  
Open to grades 9, 10, 11, and 12  
Lab fee: $15.00

Nearly one-half of the nation’s health care institutions provide arts programming for patients, families, and staff. These programs are provided because of their healing benefits to patients, which leads to shorter hospital stays, better pain management, and less medication. This course will provide an opportunity for those who are interested in the medical field to learn about promoting healing and wellness through art practices and observation for patients, themselves, and/or those interested in Art Therapy or Psychotherapy as a career.

Art for Therapy and Wellness will also be an opportunity for all students to gain wellness and mindfulness practices through art. The course will focus on the history and theory of Art Therapy, Human Development and Art Therapy, Art Therapy vs. Art as Therapy & Wellness, Art Therapy Strategies, and Art as Communication.
**CAPP 101: Elements of Studio Art***
1 year: 1 credit
Open to grades 11, and 12
Lab Fees: $25.00

CAPP 101: Elements of Studio Art is a year long course designed to give students experiences in a variety of 2D and 3D Studio Art Media and techniques in an effort to expand their knowledge, appreciation, and understanding of Art and Design within the context of Liberal Arts. Through a variety of two and three dimensional art making experiences and examination of contemporary artists and their art practices, you will grow your definition, knowledge, and understanding of art within the context of a liberal education. You will view and make art as a means of exploring, critiquing, and expressing ideas related to three important themes: identity, community, and sustainability. (For non-Art majors and minors) *fulfills 3 credits of liberal arts elective college requirements for all non-art college majors and will count as electives outside of major art or design majors. University of Wisconsin credits can be transferred to other universities.

Student Eligibility Requirements: Class Rank in top 25% OR GPA of 3.25+ OR ACT Score of 24 or higher and one of the following: class rank in top 50% or GPA 2.75+

*College credits accepted at 220+ Universities and Technical Colleges! See the UW System Transfer Wizard for specifics: http://www.wisconsin.edu/transfer/wizards/

**CAPP 105: Understanding the Arts***
1 year: 1 credit
Open to grades 11, and 12
Lab Fees: $25.00

CAPP 105: Understanding the Arts is a year long course providing students with an education that increases their understanding and appreciation of the visual arts. This course provides a survey of some of the most well-known works of art in the Western World from prehistory through the modern era. In addition, we will be exploring the cultural, religious, political, or personal circumstances that motivated the creation of objects we study, thus illustrating how artwork can tell us about the time, place, or person that made it. (Not applicable to art major or minor) *fulfills 3 credits of liberal arts elective college requirements for all non-art college majors and will count as electives outside of majors for art or design. University of Wisconsin credits can be transferred to other universities.

Student Eligibility Requirements: Class Rank in top 25% OR GPA of 3.25+ OR ACT Score of 24 or higher and one of the following: class rank in top 50% or GPA 2.75+

*College credits accepted at 220+ Universities and Technical Colleges! See the UW System Transfer Wizard for specifics: http://www.wisconsin.edu/transfer/wizards/
World Languages

In the Chippewa Falls School District’s World Languages Department, our common goal is to build students’ ability to communicate in a second language via teaching for performance towards proficiency. Although developing proficiency in a language is a lifelong journey and requires thousands of hours of input and instruction, we aim to help our students develop intercultural communicative competence, which is the ability both to understand cultures and use this understanding to communicate with people from other cultures successfully. Hence our instructional goals are focused on what students “can do” with the language studied, and are centered around the 5 C’s of Wisconsin’s Model Academic Standards for Foreign Languages as well as the American Council of Teachers of Foreign Languages World Readiness Standards for Learning Languages: Communication, Comparisons, Communities, Connections, and Cultures (see the image below or https://goo.gl/Mh7bx6 or https://goo.gl/oTsc3y for further description of the state and national standards).

Our French and Spanish courses are designed to be interactive, engaging, and highly personalized. Language as well as cultural and historical connections are taught through storytelling. Teachers utilize strategies that provide input in French and Spanish that are comprehensible and compelling. Assessments are performance-based and centered around our priority standards at each level for communication. Students are encouraged to plan for completion of our five-year program in order to maximize their abilities to use the language in a real-world setting or to continue study in the post-secondary realm.

Many parents ask what they should expect their children to do with the language after one, two, or five years of study in the same language. The inverted pyramid on the following page illustrates what functional level students could have for communication at each level of proficiency. Our level 1 and 2 classes teach for performance towards a novice-level proficiency, our level 3 and 4 classes teach for performance towards an intermediate to intermediate high-level proficiency, and our level 5 classes teach for performance towards an intermediate high to advanced-low proficiency.
ACTFL PROFICIENCY LEVELS

DISTINGUISHED
Can reflect on a wide range of global issues and highly abstract concepts, use persuasive hypothetical discourse, and tailor language to a variety of audiences

SUPERIOR
Can support opinion, hypothesize, discuss topics concretely and abstractly, and handle a linguistically unfamiliar situation

ADVANCED
Can narrate and describe in all major time frames and handle a situation with a complication

INTERMEDIATE
Can create with language, ask and answer simple questions on familiar topics, and handle a simple situation or transaction

NOVICE
Can communicate with formulaic and rote utterances, lists, and phrases

INVERTED PYRAMID REPRESENTING THE FUNCTIONS OF THE MAJOR LEVELS
World Languages

721 French I
1 year: 1 credit
Open to grades 9, 10, 11, and 12
This course is intended for students with no previous French experience
Prerequisite for Semester 2: A passing grade in Semester 1

French 1 is the first of five sequential levels that are available to students. Students will acquire skills in reading, listening, writing, and some speaking in French through comprehensible input. Students will also gain cultural understanding with an emphasis on francophones in Wisconsin, France, Quebec, Lebanon, and Northern Africa (Senegal, Algeria, Ivory Coast). Participation is key for student success in this course. The course is conducted in French and students are encouraged to use the language each day.

Note: French 1 at Chippewa Falls Middle School is equivalent to French 1 at the high school level.

722 French II
1 year: 1 credit
Open to grades 9, 10, 11, and 12
Prerequisite: A grade of C or better in French I
Prerequisite for Semester 2: A passing grade in Semester 1

French II continues to develop the main skills that students learned in French I by reading short books and essays, writing creative stories, listening to spoken French, and speaking with increased fluency. Students in French II can expect to use French as the primary language through a variety of in-class activities, with a focus on being able to discuss school, friends, living in the city/country, and daily life. Cultural topics include celebrities in France and Paris' monuments. French is the primary language of the classroom, and students are encouraged to use French each day.

723 French III
1 year: 1 credit
Open to grades 10, 11, and 12
Prerequisite: A grade of C or higher in French II
Prerequisite for Semester 2: A passing grade in Semester 1

French III continues to refine the skills of speaking, listening comprehension, reading, and writing. More of an emphasis is placed on structures of the language and interpersonal conversation skills. Students can also expect to read short books and write compositions on a variety of topics. Thematic units include sports and hobbies, cooking and mealtimes, travel, and recounting the past. French is the primary language of the classroom and students are expected to speak French in the classroom. Additional focus on the customs and culture of the Francophone world is included.

724 French IV ***
1 year: 1 credit
Open to grades 11 and 12
Prerequisite: A grade of C or higher in French III and teacher approval
Prerequisite for Semester 2: A passing grade in Semester 1

French IV continues with the advanced study of speaking, listening comprehension, reading, and writing, with an emphasis on conversation. The beginning of this course reviews and expands on previously learned material, and continues with an introduction of imperfect and future tenses. The language will be used in thematic units including Francophone films, music, daily routine, shopping, and *The Little Prince*. A portfolio will be produced. French is the main form of communication between teachers and students. This course will be helpful in preparing to take college placement exams and college level language courses.
French V ***
1 year: 1 credit
Open to grade 12
Prerequisite: A grade of C or higher in French IV and teacher approval
Prerequisite for Semester 2: A passing grade in Semester 1

French V is an intensive review of previously learned vocabulary and grammatical forms (passé composé, imperfect, future tenses, etc.) and application of these structures into a variety of themed units. These students will prepare for advanced placement and/or university placement exams. Emphasis is placed on French history, reading authentic texts, writing compositions, and interpersonal conversation, with an introduction to complex grammatical structures including subjunctive and compound tenses. The course is conducted in French and students are expected to communicate in French as well. (Based on enrollment, this course may be combined with French IV).

Spanish I
1 year: 1 credit
Open to grades 9, 10, 11, and 12
Prerequisite for Semester 2: A passing grade in Semester 1

Spanish I is the first of five sequential levels that are available to students. Students will acquire skills in reading, listening, writing, and speaking in Spanish through comprehensible input. Students will also gain cultural understanding with an emphasis on Hispanics in the United States, Mexico, Spain, and other Spanish-speaking countries in Latin America. Participation is key for student success in this course. The course is conducted in Spanish and students are encouraged to use the language each day.

Note: Spanish 1 at Chippewa Falls Middle School is equivalent to Spanish 1 at the high school level. If students at CFMS have completed an entire year of Spanish I, they should enroll in Spanish II. However, if CFMS students only complete 2 trimesters of Spanish I, they should sign up for Spanish I, semester 2 only.

Spanish II
1 year: 1 credit
Open to grades 9, 10, 11, and 12 who have had Spanish I
Prerequisite for Spanish II: A grade of C or higher in Spanish I or teacher approval
Prerequisite for Semester 2: A passing grade in Semester 1

Spanish II continues with language learning using comprehensible input strategies and varied activities such as music, movies, and theater. Students will learn to use the language while learning about food, holidays, daily life, and other aspects of culture. Emphasis is placed first on listening and reading and then on writing and speaking. Spanish is the target language of the classroom and students are encouraged to speak Spanish in class.

Spanish III
1 year: 1 credit
Open to students who have had Spanish I and II
Prerequisite for Spanish III: A grade of C or higher in Spanish II or teacher approval
Prerequisite for Semester 2: A passing grade in Semester 1

Spanish III students learn and continue practicing multiple verb forms and tenses through comprehensible input strategies. Spanish is the basic language of the classroom, and students are expected to speak in Spanish in the classroom. Emphasis is placed on listening, reading, and writing. Students will transition from speaking about others to speaking about themselves, in addition to becoming aware of current and past events and cultural traditions in Latin America. Instruction and interaction occurs through individual, pair, small group, and whole group work. Since interpersonal speaking is an area of focus in Spanish 3, students are expected to interact face to face with other students on a daily basis. The course prepares students for basic college and university entrance exams, and meets many college and university minimum entrance requirements.
Spanish IV ***
1 year: 1 credit
Open to grades 11 and 12
Prerequisite for Spanish IV: A grade of C or higher in Spanish III and teacher approval
Prerequisite for Semester 2: A passing grade in Semester 1

The purpose of this course is to review, clarify, and refine previously learned grammatical forms through comprehensible input strategies. Instructional emphasis is placed on composition, reading comprehension, and speaking in both presentational and conversational Spanish. Cultural studies are incorporated throughout the year. Reading about and discussing current events in Spanish is a focus. Students will be expected to interact face to face with other students on a daily basis to improve their interpersonal speaking skills. This course prepares students for college and university placement exams. Spanish IV is primarily conducted in Spanish, and students are expected to speak in Spanish.

AP Spanish V ***
1 year: 1 credit
Open to grade 12
Prerequisite: A grade of C or higher in Spanish IV and teacher approval
Prerequisite for Semester 2: A passing grade in Semester 1

The purpose of this course is to gain familiarity with most verb tenses, and to review and refine previously learned language. Students will apply what they learn to real life situations in a variety of contexts. Instructional emphasis is placed on writing (opinion essays, emails, short stories), reading comprehension (novels, short stories, and authentic texts), comprehension of native speakers, and conversations in Spanish. Cultural studies are incorporated throughout the year, based on the interests and desires of each year’s students. Coursework is aimed at preparing students for the AP Spanish and/or College Placement exams. The course is conducted in Spanish and students are expected to speak in Spanish.
Non-Departmental

905  Independent Study - ACT Prep
1 semester: 1/2 credit
Open to grades 11

This course will provide juniors an opportunity to become familiar with the ACT test through online practice. Students should expect to do independent ACT practice and tests using an online program during each class day. This is a pass/fail class where students, who need to be motivated and self-directed, complete a set percentage of work in order to receive a "Pass" for the course.

909  Special Ed Classroom Assistant
1 semester: 1/2 credit
Open to grades 9, 10, 11, and 12

Dedicated students are needed to provide assistance to special education classrooms. Assistance is needed in a wide array of areas, such as English, math, science, and independent living skills. Physical guidance or small group supervision of students is required. On-site training will be provided. Students that are interested in education or human service professions are strongly encouraged to enroll. Students must fill out an application and sign a confidentiality waiver.

Rubric for Grading Student Assistants:
Pass/Fail system based on:
* Attendance
* Participation with students
* Respectfulness of students and staff
* One two-page paper of disability of choice
* Weekly reflection journal

910  Elementary/Middle School Assistant
1st semester: 1/2 credit
2nd semester: 1/2 credit
Open to grades 11 and 12

Dedicated students are needed to provide assistance to classroom teachers. Assistance is needed in a wide array of areas and will be under the supervision of classroom teachers. Students that are interested in education or human service professions are strongly encouraged to enroll. Students must submit a signed parent permission/confidentiality form to be in the class. Elective credit will be granted on a Pass/Fail system. Students can sign up for 1 or 2 semesters, but can only earn 1 credit during their entire 4-year high school career.

Students must have a valid driver's license and a method of transportation.

912  Flex Period
1st semester: no credit
2nd semester: no credit
Open to grades 11 and 12

Requirements: 1) Students must have met Gold Card eligibility requirements for the 1st quarter and maintain status for the remainder of the year.
2) Student must be on track to graduate as verified by their school counselor.
3) Students and/or parents are not able to pick the period the Flex is scheduled.
4) The Flex Period can be revoked due to loss of gold card eligibility or behavior concerns.

Flex period is an open resource lab for students to work on academics. Flex period is available to juniors and seniors who are in good academic and behavioral standing. Flex period will be built into your schedule and located in the school cafeteria or designated area by school administration. Students are expected to remain in the designated area.
Study Hall

1 semester: 0 credit
Open to grades 9-12

This course is for students who would like a quiet work hour during the school day. A teacher will be available, but students are expected to work independently on coursework.

Students may either sign up for a study hall or a flex period, but not both in the same semester. No credit will be awarded for this course.

Work Release

Supervised Work Experience

1 semester: .25 credit
Open to grades 11 and 12

Supervised Work Experience is offered during Prime Time only. Students who select Supervised Work Experience during course scheduling will need to schedule 8.25-8.50 credits instead of the regular 8.00.

The Supervised Work Experience (SWE) is a combination of employability skills education and paid employment. This opportunity is designed to promote the life-long education process of integrating work and learning; enable students to view their experience within a broad world perspective; assist advanced skill development and career decision-making; drive individual success through on-the-job experiences; and provide students with valuable networking opportunities. Upon successful completion of the work experience students will receive Wisconsin’s Employability Skills certificate.

Students must demonstrate proficiency in the Employability Skills Competences that have been created by the Department of Public Instruction. In addition, students are required to complete a minimum of 90 hours of paid work experience and provide required documentation. The total number of hours accumulated will start at the beginning of each semester.

This course is graded on a pass/fail basis. Failure to complete the assigned lessons and/or work the required 90 hours will result in an "F".
Youth Apprenticeship

The Chippewa Falls School District is pleased to be able to offer the Youth Apprenticeship (YA) program. According to the Wisconsin Youth Apprenticeship Program Operational Manual (January 2015 ed.), employment may begin as early as May 1st at the end of the sophomore year (as long as the student’s age does not violate child labor law restrictions for the particular occupation), as late as March 31 of the senior year (for Level One programs - 450 hours), and as late as March 31 of the junior year (for Level Two program - 900 hours). This means 10-15 hours per week during the school year, and more during the summer. Students who successfully complete the required hours AND demonstrate proficiency in the required skills will receive credit(s) towards the graduation requirement. One credit will be awarded for Level One programs. Two credits will be awarded for Level Two programs. Failure to complete this requirement will result in no credit and an “F” on the student’s transcript.

To apply for any Youth Apprenticeship program, an application must be completed and returned to Ms. Bushendorf (Room 132). The YA application can be found on the student services website under Course Scheduling Tools or in the student services office.

907 YA Work Release

1 semester: 0 credit (credit is determined at the end of the Youth Apprenticeship Experience)
Open to grades 12

Course cannot be requested during the course scheduling window. To apply for any Youth Apprenticeship program, an application must be completed and returned to Ms. Bushendorf (Room 132). The YA application can be found on the student services website under Course Scheduling Tools or in the student services office.

Students that are on work release will be expected to show that for the majority of the time, they are working during the hour that they would otherwise be in school. Paycheck stubs must be handed in to the teacher in charge of monitoring work release. If employment is terminated during the work release program, two weeks will be given to find a new place of employment. Chippewa Falls Senior High School reserves the right to revoke work release privileges if the above guidelines are not being met, or at the discretion of the school administration. Students will be placed in study hall until proper paperwork is completed and approved by administration.
Wisconsin’s Youth Apprenticeship (YA) Program

For more information go to: https://dwd.wisconsin.gov/youthapprenticeship/students.htm

Students will be considered into the program based on the following criteria:

- GPA
- Attendance
- Behavior
- Completed application
- Recommendations

Why YA?

Students who participate in the Youth Apprenticeship program will receive:

- Hands on learning in an occupational area at a worksite that complements classroom instruction.
- Skilled mentors that train students
- Paid on-the-job work experience
- Performance evaluation of demonstrated competencies
- State-issued skills certificate(s)

- Interviews
- Availability of work sites

To remain in the YA Program, students must:

- Maintain good attendance at school and the job
- Be passing their classes
- Provide documentation of paid work hours quarterly
- Perform at an acceptable level in both the related instruction class and at the worksite
- Comply with all work rules and requirements at their place of employment

Please direct any questions to Laura Bushendorf, Career and Technical Education Coordinator, at 715.726.2406 Ext 3016 or bushenla@chipfalls.org

YA Program Areas

Agriculture, Food & Natural Resources
Architecture and Construction
Arts, A/V Technology and Communications
Finance
Health Science
Hospitality, Lodging and Tourism
Information and Technology
Marketing
Manufacturing
Science, Technology, Engineering & Math (STEM)
2020-2021 Course Listing

AGRIC, FOOD, NAT RESOURCES
380 Animal Science - 1/2
381 Horse Care & Management - 1/2
382 Large Animal Management - 1/2
383 Small Animal Management - 1/2
384 Veterinary Science ES - 1/2
386 Natural Resources ES - 1/2
387 Wildlife Management - 1/2
388 Biotechnology ES - 1/2
390 Greenhouse Management - 1/2
391 Landscape Design - 1/2
392 Plant & Soil Science ES - 1
393 Food Science ES - 1
395 Agri Ed Youth Apprenticeship - 1
397 Aquaculture - 1/2

BUSINESS & MARKETING
500 Intro to Business/Marketing - 1/2
501 Accounting I - 1/2
502 Accounting II - 1/2
503 Accounting III - 1/2
506 Bus/Per Law (Crim/Civil) - 1/2
507 Bus/Per Law (Everyday) - 1/2
508 Personal Finance - 1/2
509 Young Innovators - 1/2
512 Retail Merchandising - 1
516 School Store Work Experience - 1/2
520 Principles of Marketing - 1/2
521 Advanced Marketing - 1/2
524 Principles of Management - 1/2
526 Social Media Marketing - 1/2
528 Sports/Entertain Marketing - 1/2
535 Product Office Specialist I - 1/2
538 Product Office Specialist II - 1/2
540 Publications - 1
542 CFHS Media Productions - 1
550 Leadership Essentials - 1/2

ENGLISH
101 English 9A/9B - 1
102 English 10A - 1/2
103 English 10B - 1/2
104 A.P. Seminar - 1
105 Communications - 1/2
120 American Voices - 1/2
121 American Experiences - 1/2
124 British Literature - 1/2
126 Contemporary Literature - 1/2
128 Science Fiction/Fantasy - 1/2
130 World Literature - 1/2
138 AP English - Lang/Comp - 1
139 AP English - Lit/Comp - 1
142 Intermediate Composition - 1/2
144 Advanced Composition - 1/2
146 Writing with Style - 1/2
149 Dramatic Arts - 1/2
150 Perspectives in Poetry - 1/2
151 The Art of Film - 1/2

FAMILY/CONSUMER SCIENCE
601 Child Development 0-2 - 1/2
602 Child Development 3-5 - 1/2
603 Intro to Human Services - 1/2

FCs (continued)
609 Working with Children - 1/2
611 Intro to Education - 1/2
612 Adulting 101 - 1/2
618 Culinary I - 1/2
619 Good Eats - 1/2
622 Culinary II - 1/2

HEALTH CARE
650 Health Science Occup I - 1/2
651 Health Science Occup II - 1/2
652 Health Care Youth Apprenticeship - 2
653 Certified Nursing Assistant - 1/2
654 Summer School CNA - 1/2
655 Language of Medicine - 1/2
656 Medical Terminology - 1/2
660 Heath Science Academy - 4.75

INFORMATION TECHNOLOGY
672 IT Academy - 3.75
674 Card Chmnbook Help Desk I - 1/2
675 Card Chmnbook Help Desk II - 1/2
678 IT Youth Apprenticeship - 2

MATHEMATICS
409 Algebra I A - 1
410 Algebra I B - 1
411 Accelerated Algebra I - 1
412 Inductive Geometry - 1
413 Geometry - 1
416 Math for Tech Trades - 1
421 Algebra I - 1
422 Accelerated Algebra II - 1
428 Digital Electronics - 1
432 Math Investigations I - 1/2
433 Math Investigations II - 1/2
436 Probability and Statistics - 1/2
439 Accelerated Trig - 1/2
458 Intro to Calculus - 1
460 AP Calculus - Level AB - 1

MUSIC
752 Varsity Band - 1
753 Symphonic Band - 1
755 Jazz I - 1
756 Jazz II - 1
764 9th Grade Orchestra - 1
765 10th Grade Orchestra - 1
766 11th Grade Orchestra - 1
767 12th Grade Orchestra - 1
768 Wire Choir - 1
770 Choiristers - 1
771 Varsity Women's Choir - 1
772 Men's Choir - 1
773 Cardinal Choir - 1
774 Vocal Jazz - 1
775 Harmonics - 1
776 Melodies - 1
777 A Cappella (Vocal Band) - 1
778 Popular Songwriting - 1/2
779 Analysis of Rock & Roll - 1/2
780 AP Music Theory - 1

NON-DEPARTMENTAL
905 Indep Study - ACT Prep - 1/2
907 YA Work Release
909 Special Education Class Asst - 1/2
910 Elem/MS Asst (Sem 1) - 1/2
911 Elem/MS Asst (Sem 2) - 1/2
912 Flex Period (Sem 1) - 0
913 Flex Period (Sem 2) - 0
915 Supervised Work Experience - 1/2
916 Supervised Work Experience - 1/2
935 Study Hall (Sem 1) - 0
936 Study Hall (Sem 2) - 0

PHYSICAL EDUCATION
006 Health - 1/2
009 Adapted Physical Educ - 1/2
010 Physical Education - 1/2
014 Physical Education II - 1/2
016 Lifetime Physical Education - 1/2
019 Club Fit - 1/2
020 Weight Training & Cond - 1/2
023 High Perform Phys Educ - 1/2
031 Dual & Individual Activ - 1/2
033 Team Sports - 1/2
035 Northwoods Adventures - 1/2
038 Theory of Coach/Offic/Offic - 1/2

SCIENCE
301 Biology - 1
302 Earth Science - 1/2
312 AP Biology - 1
316 Human Anat/Physiology - 1
318 Basic Chemistry - 1/2
320 General Chemistry - 1
321 Pre-AP Chemistry - 1
322 AP Chemistry - 1
323 Wonders of Carbon - 1/2
326 Environ Sci (Water) - 1/2
327 Environ Sci (Air/Land) - 1/2
328 Basic Physics - 1/2
330 General Physics - 1
331 AP Physics I (Algebra Based) - 1
338 Regional Geology - 1/2
340 Astronomy - 1/2
343 Principles of Engineering - 1
344 Environ Sustainability - 1
350 Remote Pilot Training - 1/2
940 Teacher Assistant - Science - 1/2

SOCIAL STUDIES
202 World History A - 1/2
203 World History B - 1/2
214 US History 1900-1950 - 1/2
216 US History 1950-Present - 1/2
220 American Government - 1/2
222 Economics - 1/2
224 Contemporary Issues - 1/2
225 Military History - 1/2
226 Hollywood vs History - 1/2
227 Intro to Criminal Justice - 1/2
232 Psychol of Human Behav - 1/2
234 Abnormal Psychology - 1/2
235 Wisconsin History - 1/2
236 Sociology - 1/2

SOCIAL STUDIES (continued)
237 AP Human Geography - 1
238 AP US Gov/Politics - 1
240 AP Psychology - 1
256 AP US History - 1

TECHNOLOGY EDUCATION
148 Chi-Hi Happenings - 1
806 Intro to Engineering Design - 1
808 Computer Science Essentials - 1
819 Power to Go - 1/2
820 Car Care - 1/2
822 Automotive Technology - 1
824 Adv Automotive Technology - 1
831 Intro to CAD/FAB Lab - 1/2
833 Civil Engineering/Architecture - 1
834 Advanced CAD - 1
835 IPC Comp-Aided Draft (Arch) - 1/2
836 IPC Comp-Aided Draft (Mech) - 1/2
840 Electronics I - 1/2
842 Electronics II - 1/2
850 Graphics I - 1/2
851 Graphics II - Design - 1/2
853 Graphics II - Photography - 1/2
854 Graphics III - 1/2
860 Metal Fabrication - 1/2
862 Machine Metalworking - 1/2
864 Machine Tool Technology - 1/2
866 Introduction to Welding - 1/2
868 Welding Technology - 1
869 Chi-Hi Manufacturing - 1
870 Woodworking I - 1/2
872 Woodworking II (Cabinet) - 1/2
873 Woodworking II (Manufacture) - 1/2
874 Residential Construction - 1/2

VISUAL ART
701 Visual Art Foundations - 1/2
702 Visual Arts and Crafts Studio - 1/2
703 Ceramics Studio - 1/2
704 Sculpture Studio - 1/2
705 Advanced Ceramic Studio - 1/2
706 3D Computer Imagery/Anim - 1/2
707 Adv Computer Imag/Anim - 1/2
708 Portfolio Prep - Drawing/Painting - 1/2
709 Portfolio Prep - 2D Design/Photo - 1/2
710 AP Art and Design - 1
711 AP Art History - 1
712 Design Fundamentals - 1/2
713 Digital Media Art - 1/2
714 Art for Therapy & Wellness - 1/2
715 CAPP Elements of Studio Art - 1
716 CAPP Understanding the Arts - 1

WORLD LANGUAGES
721 French I - 1
722 French II - 1
723 French III - 1
724 French IV - 1
725 French V - 1
731 Spanish I - 1
732 Spanish II - 1
733 Spanish III - 1
734 Spanish IV - 1
735 Spanish V - 1