CHIPPEWA FALLS SENIOR HIGH SCHOOL

Course Book

2013-2014 ____



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Graduation Requirements

24 Credit Requirement:

English 4 Credits

*English 9, *English 10, Communications, any Writing Course,

any Literature Course, and any English Elective

Social Studies 3.5 Credits

*World History, *US History, American Government or

*AP Government and Politics, (or Political Science for the class of

2013), Economics, and any Social Studies elective

Science 2.5 Credits

*Exploring Physical Science, *Biology, and Earth Science

Math 2 Credits

*Algebra or equivalent, and *Geometry or equivalent

<u>Physical Education</u> <u>1.5 Credits</u>

Freshmen Physical Education, any other Physical Education course in 10th grade, and any other Physical Education course in

11th <u>or</u> 12th grade

<u>Health</u> <u>.5 Credit</u>

Computer Literacy This can be fulfilled by taking Computer Applications 1 or by

testing-out (for no credit). Test is offered one time per year.

Credit Credit is awarded upon the successful completion of a course.

Courses that meet for one semester are worth .5 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.

<u>Course Load</u> Freshmen, Sophomores, and Juniors are required to take a

minimum of six classes per semester. Seniors who are on track for graduation are required to take a minimum of five classes.

Board of Education Policy IGAB describes alternate processes for meeting graduation requirements. This policy typically pertains to students with unusual circumstances.

^{*}Indicates courses are yearlong and worth 1 credit. Other courses meet for one semester and are worth 1/2 credit.

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 is 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 counselors 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:

English 4 Credits
Social Studies 3 Credits
Natural Science 3 Credits

Mathematics * 3 Credits including Algebra 1, Geometry, and Algebra II

4 Elective Credits Can be chosen from the above core college preparatory

areas, foreign language, fine arts, computer science and other academic areas. Some UW System institutions may also accept vocational courses for some of these 4 elective

credits.

Foreign Language In the University of Wisconsin System, <u>UW-Madison</u>

and <u>UW-Eau Claire</u> are the only two colleges that require two years of the same foreign language. Other UW schools recommend it. Universities in Minnesota also require two years of the same foreign language.

* The University of Minnesota will require 4 years of college preparatory mathematics for new students effective the fall semester of 2015.

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:

English 4 credits
Social Studies 3 credits
Natural Science 3 credits

Mathematics 3 credits (must include at least one credit of

algebra and the equivalent of one credit of geometry

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

3. Submit an **ACT** or **SAT** score. ACT or SAT score must be received before you will be 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** have **specific requirements** for admittance. For example, the Nursing Program requires high school chemistry with a grade of "C" or higher, CNA certification, a background check, and required scores on the COMPASS or ACT test.

It is important to check the specific program requirements in the college catalog or on the college website.

High School Plan

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

Grade 9		Grade 10	
Semester 1	Semester 2	Semester 1	Semester 2
Phy Ed 9	Health	Phy Ed	Earth Science
English 9	English 9	English 10	English 10
World History	World History	US History	US History
Algebra (or equiv)	Algebra (or equiv)	Geometry (or equiv)	Geometry (or equiv)
Physical Science	Physical Science	Biology (or equiv)	Biology (or equiv)
		* Sophomore student pa school counselor will b	rent conferencing with be held February-April.
Grade 1	1	Grade	12
Grade 1	1 <u>Semester 2</u>	Grade Semester 1	12 Semester 2
Semester 1	Semester 2 Literature or Writing	<u>Semester</u> 1	Semester 2
Semester 1 Communications	Semester 2 Literature or Writing	Semester_1 Literature or Writing	Semester 2
Semester 1 Communications Gov or AP Gov/Politics	Semester 2 Literature or Writing s Economics	Semester_1 Literature or Writing	Semester 2
Semester 1 Communications Gov or AP Gov/Politics	Semester 2 Literature or Writing s Economics	Semester_1 Literature or Writing	Semester 2
Semester 1 Communications Gov or AP Gov/Politics	Semester 2 Literature or Writing s Economics	Semester_1 Literature or Writing	Semester 2
Semester 1 Communications Gov or AP Gov/Politics	Semester 2 Literature or Writing s Economics	Semester_1 Literature or Writing	Semester 2

Career Planning & Testing

Individual Conferences with Counselors

Parents, guardians, and students are welcome to make appointments with counselors any time throughout the year. The conferences listed below are 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 WKCE and/or PLAN, testing preview for junior and senior years, junior course selections, recommendation for senior courses, and scholarship positioning ideas. Individual Learning Plan (ILP) will also be reviewed and modified as necessary.

Sophomore conferences are scheduled with each student and their parents or guardians during the months of February, March, and April. The conferences last approximately 45 minutes. Look for more information through Infinite Campus, Cardinal Letter, or the mail.

Senior Conference

The purpose of this conference is to meet with your son or daughter's counselor to review transcripts, discuss credits needed for graduation and key issues regarding their senior year. This meeting will also allow all parties to express ideas, interests, and areas of concern as they relate to the student's future, as well as give a clearer picture of what steps need to be taken in order to make post-secondary plans happen!

Senior conferences are scheduled with each student and their parents or guardians during the months of September, October and November. The conferences last approximately 45 minutes. Look for more information through Infinite Campus, Cardinal Letter, or the mail.

College Admission Tests

ACT

The ACT is the preferred admissions 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 test takes over three hours and is offered on Saturday mornings six times throughout the year. Subject areas include English, Reading, Math, and Science Reasoning. Cost of the ACT is \$35.00. Juniors interested in four-year schools should plan to take the ACT in April or June. Two year technical colleges do not require the ACT, but may accept a score of 18 as meeting their academic skills requirement. The nursing program and some other health-related programs have specific COMPASS or ACT score requirements. Students can register online at www.act.org.

ACT also has an optional Writing component. UW-Madison, Marquette University, and University of MN schools require this section for students who are applying for admission. Some colleges—recommend a Writing score, but how they use the information is sometimes unclear. The "safest" choice may be to register for the Writing section. The Writing section takes about 30 minutes and is an additional \$15.50 (total cost for the ACT with Writing is \$50.50).

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. Test time is about three hours and the cost is \$47.00. 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.

Other Tests

PLAN

PLAN is the name give to the sophomore version of the ACT. This is an optional test given to 10th grade students on a Saturday morning in the fall. The test format and subject areas are the same as the ACT. PLAN is an excellent way for students to see how they are doing academically compared to other college bound students their age. PLAN also includes an interest inventory and an assessment of the student's study skills. The test is a little over three hours and costs approximately \$16.00. We <u>strongly</u> encourage sophomores interested in attending a four-year college to take the PLAN. Sign up is usually in October.

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 \$16.00. 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.

WKCE

The Wisconsin Knowledge and Concepts Exam, or WKCE is given to all 10th grade students in the fall. It is **required by the State of Wisconsin** and tests the subject areas of reading, math, language, social studies, 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 two semesters beginning in September and January. Each semester is divided into two quarters. There are seven periods per day with a few Early Bird offerings each semester.

Scheduling

Scheduling for both semesters is done in the preceding year. Students must take an average of six 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. Seniors may be allowed a non-credited work-release if their schedule allows for it and they meet certain criteria.

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 seven credits per year may be earned on a regular schedule with the exception of Early Bird classes and Living Leadership for freshmen which could result in an additional .25 to one credit.

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.

Grade	GPA	Percentage
A	4.00	92.5 - 100
A-	3.67	89.5 - 92.4
B+	3.33	87.5 - 89.4
В	3.00	82.5 - 87.4
В-	2.67	79.5 - 82.4
C+	2.33	77.5 - 79.4
С	2.00	72.5 - 77.4
C-	1.67	69.5 - 72.4
D+	1.33	67.5 - 69.4
D	1.00	62.5 - 67.4
D-	.67	59.5 - 62.4
F	0.00	Below 59.4

Graduation Requirements

A total of 24 credits are needed for graduation, including the 14 required plus 10 elective credits. Students are also required to pass Computer Applications I or the computer literacy exam which is given one time per year.

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 and their parents must meet with the counselor and fill-out an application to apply for early graduation.

Schedule Changes

Students and parents have the opportunity to review their class schedules each semester. The school staff spends a great deal of time informing students and parents about the curriculum choices available. Therefore, when choosing classes, please give serious thought to your class selections so as to avoid unnecessary changes. If a schedule change is necessary, the change should be made prior to the beginning of classes. Any changes after this time are discouraged and will require signatures from the teacher, counselor, and parent.

Withdrawal Procedures

If a student wishes to withdraw from a class for any reason during the first quarter of the first semester, or third quarter of the second semester, they may do so without penalty, i.e. a failing grade. Students also have until the end of the second week in the second and fourth quarters to withdraw without penalty. Students who withdraw after these deadlines will receive a failing grade for the semester. Seniors must have at least 5 courses per day, and freshmen, sophomores, and juniors must take no less than 6 courses per day. Withdrawal procedures differ for Distance Education and Youth Options courses. See your counselor for clarification.

Advanced Placement Program

The Advanced Placement Program (AP) is a cooperative educational endeavor between secondary schools and colleges or universities. This program allows students to take college level courses while they are still in high school. Students wishing to earn college credit for an AP course, must earn a minimum score on the AP Exam which is given in May. AP exams are optional and cost approximately \$85.00. Students are encouraged to take a study hall if they choose AP coursework because of the level of difficulty and the time required to be successful.

Chippewa Falls High School currently has advanced placement course materials in the following disciplines: Art, Biology, Chemistry, Environmental Science, Physics, Calculus, English, Music, Psychology, Spanish, and U.S. History.

Students enrolled in any of the Advanced Placement courses have the option of auditing the class. If the student wishes to change from "regular" to "audit" status, they must do so by the second week of the second or fourth quarters. Auditing allows the student to learn all of the concepts without the fear of a lesser grade because of the difficulty of the course content. If a student audits, the course is not listed on their permanent transcript.

Distance Education Courses/CADENC Courses

Students registering for Distance Learning courses are expected to be responsible, well organized, and strongly self-motivated.

These courses use television and computer technology to deliver instructional programs to the high school. Students interact with their instructor via telephone, speakerphone, microphone, television, e-mail, fax, and U.S. mail.

Courses are available to students in grades 10, 11, and 12. Because these courses are offered in cooperation with other schools, scheduling, attendance, and grading practices may differ from those typically used at Chi-Hi.

Courses offered are: Japanese I, II, and III, Latin I and II, Medical Terminology, and Manual Communications (Sign Language).

Advanced Standing

Chippewa Falls Senior High School has articulation agreements with Chippewa Valley Technical College for some classes. Students who earn a grade of "B" or better in a high school articulated class, are awarded advanced standing for that class when they enroll in a specific technical college program. The technical college can rescind these agreements at any time. Our current agreements are available at www.cvtc.edu.

Youth Options Program

The Youth Options program allows eleventh and twelfth grade students the opportunity to enroll in college or technical school courses while in high school. Courses will be taken during regular school hours if available. Courses may be taken for either high school and/or post-secondary credit. There are rules, regulations, and limitations. Please see your counselor for specific information.

Dates for students to submit applications are as follows:

Fall - March 1 Spring - October 1

Not all courses that a student could enroll in will qualify for high school credit. It is also important to know that admission to courses may be limited because of space availability or times that the courses are offered.

Expectations for Students

Our goal is to create an educational environment, which mixes an academic emphasis with a sense of community and school spirit. People and rules will be respected, as should the freedom and opportunities, which will lead to the development of self esteem, individuality, and success.

Chi-Hi students are expected to:

Demonstrate responsibility

- 1) be punctual
- 2) be aware of and follow rules
- 3) attend school
- 4) be prepared for class
- 5) perform to the best of their ability

Develop appropriate behavior

- 1) no profanity
- 2) be courteous
- 3) behave appropriately in school
- 4) demonstrate a cooperative attitude

Develop respectful attitudes

- 1) for self
- 2) for authority
- 3) for school property
- 4) for teachers/administrators
- 5) for each other

Develop work habits and attitudes that foster students

- 1) putting forth their best effort, while always striving to be better
- 2) participating in class to the best of their ability
- 3) working to improve the basic skills needed to function in today's world
- 4) developing attitudes toward learning that show enthusiasm, respect, and caring
- 5) learning to set realistic goals
- 6) develop a sense of pride in being a part of the Chi-Hi community

English

English Department Course Offerings

Required Courses

English 9A, English 9B A Literature Course

English 10A, English 10B 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:

Advanced Placement English:

Literature and Composition

Advanced Placement English:

Language & Composition

Writing Courses

Intermediate Composition Advanced Composition

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

Elective

Multimedia Communications

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, 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).

Required Courses for Graduation

English 9A and 9B (1 credit)

English 10A and 10B (1 credit)

Communications (1/2 credit)

One of two writing courses: (1/2 credit)

- Intermediate Composition
- Advanced Composition

One literature course of seven 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), or Language and Composition (1 credit) counts for both the writing and literature electives

One elective: (1/2 credit)

- Additional Writing or Literature course, or the elective listed below. See note below.

Other Elective

Note: To earn English credit for graduation, students must be enrolled in this class for the full year. The first semester counts as a technical education elective; the second semester counts as an English elective:

* Multimedia Communications

*Some universities will not consider this course as a college preparatory courses.

Required Courses

101 English 9A/9B

1 year : 1 credit Required for grade 9

Ninth grade students study basic composition skills and paragraph organization using the Six Traits of Writing. Literature is given more time and emphasis than in earlier grades. First semester units studied include using the library and the Internet, Greek mythology including the study of word stems, The Odyssey, and the elements of the short story. 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 a newspaper unit and independent reading.

102 English 10A

1 semester (offered 1st semester only): 1/2 credit Required for grade 10

English 10A provides instruction in basic writing skills using the Six Traits of Writing and vocabulary development. 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 (offered 2nd semester only): 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 the stress placed on written communications. The novel <u>To Kill A Mockingbird</u> provides an opportunity to review the elements of fiction.

105 Communications

1 semester: 1/2 credit

Open to grades 11 and 12 (Required for graduation)

Communications focuses on much more than public speaking, though that is one of its components. This class takes a broader view of communication. In general, the units covered include intra/interpersonal communication, listening, non-verbal communication, group discussion, impromptu speaking, 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

120 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 & 9B)

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 the 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.)

121 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)

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.)

124 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)

British Literature covers the history and literature of England from the Anglo-Saxon period to the present. Some works covered are excerpts from <u>Beowulf</u>, <u>Canterbury Tales</u>, and the King Arthur legends. One play, <u>MacBeth</u>, by William Shakespeare, is read in its entirety. Students will read the novel <u>1984</u>, and two additional novels of their choice. Writing activities are integrated into the various units of study. This class is recommended for college bound students.

126 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)

Contemporary Literature focuses on the subject matter and techniques of twentieth century authors, primarily young adult novels. Five novels 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.

128 Science Fiction and Fantasy

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)

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 society, and machines will be explored. Students will have opportunities to read <u>Ender's Game</u>, <u>Mr. Was</u>, <u>A Wizard of Earthsea</u>, and <u>The Hero and the Crown</u> as well as other novels when they participate in literature circles. Writing activities are integrated into the various units of study.

130 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)

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, Ancient Greece, Russia, Italy, France, and Germany are all read and interpreted. All types of literature are studied, and some history of the countries is also included. In addition to the literature, writing and vocabulary are emphasized. Three novels are read in their entirety: The Little Prince, Siddhartha, and One Day in the Life of Ivan Denisovich. This class is recommended for college bound students.

138 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

In AP English Language and Composition, an emphasis is placed on students becoming skilled readers of non-fiction prose written in a variety of periods, disciplines, and contexts and in becoming skilled writers who compose for a variety of purposes. Students will read, analyze, and write in a variety of forms – narrative, exploratory, expository, analytical, argumentative, and other non-fiction genres. In addition, the study of language itself and the composition process will comprise on-going threads of the class. Since students who take the national exam <u>may</u> qualify for advanced placement credit in college English, students should expect the coursework to require considerable amounts of time, effort, and work. Summer reading and writing assignments are required.

139 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

In AP English Literature and Composition, students are involved in both the critical reading and writing of literature. Emphasis is placed on the study of fictional novels, plays, short stories, and poetry of differing time periods, genres, and literary styles. This is an opportunity for students to sharpen their literary analysis skills as well as study the composition process. 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. Summer reading and writing assignments are required.

Writing Courses

142 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. fiction, 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. A final portfolio/reflection of student writing is submitted for evaluation.

143 EB Intermediate Composition

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

This class is the same as Intermediate Composition except that it meets from 7:28—8:30 a.m. (M, T, Th, F). Students are responsible for their own transportation.

144 Advanced Composition

1 semester: 1/2 credit Open only to grade 12

Prerequisite: A minimum GPA of 3.0 or a passing grade in Intermediate Composition is

required to enroll in this course.

Advanced Composition is designed to help college-bound seniors refine their writing skills. Emphasis is on the writing process and assignments are structured to allow for revision. Students learn to practice critical thinking skills as they work with modes of writing such as description, persuasion, narration, argumentation, and comparison/contrast. There is extensive instruction in vocabulary and two reviews of books chosen from the college bound reading list are required. A final portfolio of student writing is submitted for evaluation.

148 Multimedia Communications

1 year: 1 credit (Elective: Technical Education/English - 1/2 credit each semester)

Open to grades 11 and 12

Prerequisites: Students must receive a C or better in all their Technical Education

and English 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, Intermediate

Composition.

Note: This class replaces TV Productions and Commentator

This "hands-on" course teaches students to write and produce news, opinion, and entertainment 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 Elements software. They will produce Chi-Hi Happenings, a weekly television show broadcast throughout the school. In addition, students will maintain an online website complementing their weekly broadcast. The website will host video, digital images, and a variety of writing formats.

The course includes instruction and practice in basic journalistic skills. 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.

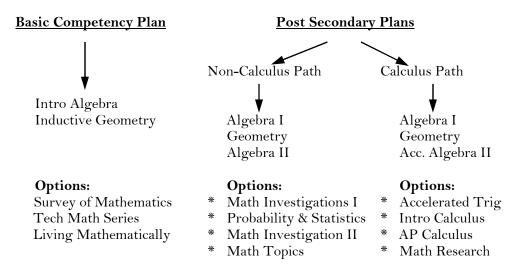
Mathematics

Mathematics Requirements

All students at Chippewa Falls High School are required to satisfactorily complete two credits of mathematics in algebra and geometry to meet the mathematics requirement for graduation.

This requirement can be satisfied by completing either **Algebra I** or **Intro Algebra** and by completing either **Geometry** or **Inductive Geometry**. Because nearly every mathematics class offered at Chi Hi requires **Algebra I** as a prerequisite, most students will be placed in that course. Course placement will be based on both counselor and teacher recommendation.

Mathematics Department Recommendations



* These are recommended college prep courses

Changing courses after the start of the semester

If a student wishes to transfer from a higher level course to a corresponding lower level course such as from Algebra I to Intro Algebra, or from Geometry to Inductive Geometry, he/she has until the end of the fourth week of the first quarter to do so with required signatures from the teachers involved, counselor, and parent. Any exceptions will require a meeting involving both teachers, counselors, and parents/guardians. Please note that some courses require either a scientific or graphing calculator



Required Courses

410 Intro Algebra

1 year: 1 credit

Open to grades 9, 10, 11, and 12

Intro Algebra covers most of the same topics as Algebra I, but at a slower pace with more emphasis on the fundamentals. This course is suited for students who have consistently experienced difficulty with previous math classes and for students who intend to meet only the minimum math requirements for graduation. Scientific calculator required.

Note: Universities will <u>not</u> accept Intro to Algebra as a college preparatory class.

411 Algebra 1

1 year: 1 credit

Open to grades 9, 10, 11, and 12

Algebra I 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 an introduction to probability and statistics. Algebra 1 is a prerequisite for nearly all other mathematics classes at Chi Hi. Scientific calculator required.

412 Inductive Geometry

1 year: 1 credit

Open to grades 9, 10, 11, and 12

Prerequisite: Successful completion of at least one semester of Algebra I or one year of

Intro Algebra.

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: Many universities will <u>not</u> accept Inductive Geometry as a college preparatory class.

413 Geometry

1 year: 1 credit

Open to grades 9, 10, 11, and 12

Prerequisite: Successful completion of at least one semester of Algebra I 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.

Elective Courses

414 Survey of Mathematics

1 year: 1 credit

Open to grades 10, 11, and 12

Survey of Mathematics explores algebraic and geometric concepts in a non-traditional approach as students engage in activities and assignments that apply mathematics in various contexts. Prior departmental approval is required before students will be allowed to enroll in this class.

415 Living Mathematically

1 year: 1 credit

Open to grades 11 and 12

Prerequisite: Successful completion of one year of Intro Algebra, Algebra, Survey of

Mathematics, or departmental consent.

Living Mathematically is an entire year simulation of activities that apply to everyday life situations, such as financial transactions, record keeping, job performance, budgeting, household maintenance, travel, and procurement of necessities and luxuries. Many hands-on projects are incorporated to make this course more realistic and interesting.

421 Algebra II

1 year: 1 credit

Open to grades 9, 10, 11, and 12

Prerequisite: Successful completion of Algebra I (with recommendation of successful

completion of Geometry).

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

422 Accelerated Algebra II

1 year: 1 credit

Open to grades 9, 10, 11, and 12

Prerequisite: Successful completion of Algebra I (with recommendation of successful com-

pletion 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 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).

430 Math Topics

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

Prerequisite: Successful completion of Algebra II or one semester of Accelerated Algebra II

and one year of Geometry.

Math Topics is an alternative course for students who have experienced difficulty in earlier math courses. It should <u>not</u> be taken by students who have completed any of these classes: Math Investigations I, Math Investigations II, or Probability and Statistics

Approximately one-third of the semester is devoted to trigonometric functions (such as sine, cosine, and tangent), triangles, and vectors as they relate to practical problems. Another third of the semester involves probability and statistics concepts that influence decisions that we make in our lives. The final third of the semester includes non-traditional and interactive topics that reflect other aspects of mathematics. A graphing calculator is required (TI-83+ or TI-83 is recommended).

432 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).

433 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 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 (T-83+ or TI-83 is recommended).

436 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 is calculator required (TI-83+ or TI-83 is recommended).

439 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 should be taken for the Calculus path sequence. A graphing calculator is required (TI-83+ or TI-83 is recommended).

Technical Math Series

450 1 semester: 1/2 credit

451 1 year: 1 credit

Open to grades 10, 11, and 12

Introduction to Algebra (no prerequisite)

Applied Algebra

Calculation & Calculators

Applied Trigonometry

Applied Algebra II

1/2 credit

1/2 credit

1/2 credit

1/2 credit

1/2 credit

The Tech Math Series covers many of the same topics as our school's regular mathematics curriculum. However, it does so with much less emphasis on theory, and more emphasis on application. All of these courses in this series are programmed for individual instruction so that, within certain limitations, students will be allowed to progress at their own rate. Scientific calculator required.

458 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. <u>A graphing calculator is required</u> (TI-83+ or TI-83 is recommended).

460 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).

462 Mathematical Research

1 year: 1 credit Open to grade 12

Prerequisite: Successful completion of Advanced Placement Calculus.

Mathematical Research is the most advanced math offering at our school. Topics and mathematicians from antiquity through current day investigations will be discussed and explored, as well as the differences between "pure" and "applied" mathematics. Students will be "doing mathematics" by using and extending aspects of their previous math classes, and by using a diverse array of resources from the internet to mathematical journals.

Physical Education

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

Required Classes

• Grade 9: Freshman Physical Education and Health class

Grade 10: 1 activity class
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 Adaptive 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 Freshman Physical Education

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.

012 Summer Freshman Physical Education

1 semester: 1/2 credit Open to grade 9

This class will run from 8:30 a.m. to 11:30 a.m. Monday through Friday starting the first Monday of summer vacation and continue for 4 consecutive weeks. Students must arrange for their own transportation. Students who miss 9 clock hours (3 days excused <u>or</u> unexcused) of this course will be withdrawn <u>without</u> credit. A passing grade will satisfy the Freshman Phy Ed credit requirement.

019 Club Fit

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Activity Fee: \$10.00

This course will incorporate aerobics, core conditioning, interval training, strength training, yoga, pilates, rollerblading, cross country skiing, walking, and jogging. Aerobics will include the students learning step, kick, and pump. Students will be required to attend two different aerobics classes outside of school. Students must bring rollerblades to use during the rollerblading portion of class.

020 General Weight Training and Conditioning

1 semester: 1/2 credit

Open to grades 10, 11, and 12

General weight training will give each student the opportunity to learn correct training techniques and methods, build strength, and improve their fitness level. The Bigger-Faster-Stronger weight program will be introduced and followed.

021 Advanced Weight Training

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

Prerequisite: General Weight Training

Advanced Weight Training allows students who have successfully completed General Weight Training the opportunity to continue their training program. An appreciation for weight training and self motivation is imperative for success in this class. The Bigger-Faster-Stronger weight program will be used at a more intense and advanced level.

023 High Performance Physical Education

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Prerequisite: General Weight Training class is required, and Advanced Weight Training is

recommended.

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 well being. The collegiate recruiting process will be integrated into the curriculum. The variety of course topics will change as social and athletic interest needs change.

029 Lifetime Activities

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Golf, volleyball, pickleball, horseshoes, ladder golf, indoor and outdoor fitness, bocce ball, tennis, and badminton. Other lifetime activities are also used in this class.

031 Recreational Activities

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Softball, tennis, archery, bowling, badminton, eclipse ball, pickleball, volleyball, and fitness activities. Other recreational games may also be played.

032 EB (Early Bird) Recreational Activities

1 semester: 1/2 credit

Open to grades 10, 11, and 12

This class is the same as Recreational Activities except that it meets from 7:28 - 8:30 a.m. (M, T, Th, F). Students are responsible for their own transportation.

033 Team Sports

1 semester: 1/2 credit

Open to grades 10, 11, and 12

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.

034 EB (Early Bird) Team Sports

1 semester: 1/2 credit

Open to grades 10, 11, and 12

This class is the same as Team Sports except that it meets from 7:28 - 8:30 a.m. (M, T, Th, F). Students are responsible for their own transportation.

SCIENCE COURSE OPTIONS

Grade 9 and 10

Required courses: Exploring Physical Science Biology Earth Science - 1 semester

Grade 11 and 12

Electives - based on future educational plans

2-Year Technical College Non-Science Degree

No other science courses needed

Note: The prerequisites are important to follow to ensure you are mathematically and conceptually prepared for the course of your choice.

2-Year Technical
College
Science Related
(medical) Degree

Grade 11

Chemistry - Pre AP or General

Grade 12

Physics - General

Other possible electives :

Agriculture classes
Human Anatomy
AP Environmental
Science

University Non-Science Degree

Grade 11

Chemistry - Pre AP or General Chemistry recommended

Grade 12

Physics - AP or General recommended

Other possible electives:

AP Biology
AP Environmental
Science
Human Anatomy

University
Science Related
Degree
or
Medical/Vet Interest

Grade 11

Chemistry - Pre AP strongly recommended

Grade 12

Physics - AP strongly recommended

Other possible electives:

AP Biology
AP Environmental
Science
AP Chemistry
Human Anatomy

Science

Requirements

Exploring Physical Science: 1 credit
Biology or Basic Biology: 1 credit
Earth Science: 1/2 credit

301 Exploring Physical Science

1 year: 1 credit Required for grade 9

This is a required course for ninth grade students and fulfills the physical science graduation requirement. The introductory concepts of chemistry and physics are presented through demonstrations, discussion, group work, computer simulations, and extensive laboratory investigations in each of the content areas.

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.

Life Science Courses

309 Basic Biology

1 year: 1 credit

Open to grade 10 **by teacher recommendation**.

Open to grades 11 and 12 with consent of instructor and counselor.

Closed to anyone who receives a C or better in Exploring Physical Science.

Basic Biology is designed to reach students who struggle in science yet exposing them to all of the state standards. Curricula will parallel that taught in General Biology, but at a level and depth, which will ensure a struggling student success. Methods of instruction are also adapted to help unmotivated students attain success. Topics covered relate to the study of life around us, such as cells, genetics, body function, disease and ecology. Supporting these concepts will be various lab activities. Inquiry and contemporary topics such as genetic engineering, food technology, and medicine will also be discussed.

This class can be used to replace Biology as the life science credit for graduation. Please note that it 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.

310 Biology

1 year: 1 credit

Open to grade 10. Open to grades 11 and 12 with consent of instructor and counselor.

Open to grade 9 by invitation. Students must earn an A in the advanced grade 8 algebra class in all quarters to be considered for invitation. Please note that these students must also complete chemistry and physics to meet high school graduation requirements.

Biology is concerned with the study of life around us, such as cells, reproduction, disease, body function, genetics, and ecology. 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. Recommended for average and above science students.

This course fulfills the life science requirement for graduation.

312 Advanced Placement Biology

1 year: 1 credit

Open to grades 11 and 12 Prerequisite: Biology 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: Biology

Chemistry (recommended but not required)

Human Anatomy provides advanced background in the major body systems, the tissues and organs of those systems and their related physiology. Laboratory experiences that focus on anatomy include microscope and dissection activities. Other laboratory work will focus on physiology. 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.

NOTE: The science department offers two different introductory chemistry courses. Students electing to take a first-year course in chemistry should choose either General Chemistry <u>or</u> Pre-AP Chemistry. 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 11 and 12 (Open to grade 10 with written consent of instructor)

Prerequisite: Algebra (C or better) or with written consent of instructor.

(See NOTE above)

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 11 and 12 (Open to grade 10 students in "Accelerated Program")

Prerequisite: Algebra (Geometry recommended)

(See NOTE above)

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.

322 Advanced Placement Chemistry

1 year: 1 credit

Open to grades 11 and 12

Prerequisite: One year of Chemistry (Pre-AP Chemistry is recommended)

One year of Physics recommended (can be taken concurrently)

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.

326 Advanced Placement Environmental Science

1 year: 1 credit

Open to grades 11 and 12

Prerequisites: One year Chemistry (Pre-AP Chemistry is recommended); Earth Science;

Biology; Outdoor Education is highly recommended

Advanced Placement (AP) Environmental Science is a rigorous science course that emphasizes scientific principles and analysis. There is a strong lab/field work component. AP Environmental Science is intended to provide the scientific principles, concepts, and methods to understand the inter-relationships of the natural world, to identify and analyze environmental problems, to evaluate the risks associated with these problems, and to examine alternative solutions to solve them. Topics include Earth Systems and Resources, the Living World, Population, Land and Water Use, Energy Resources and Consumption, Pollution, and Global Change.

Physics Courses

330 General Physics

1 year: 1 credit

Open to grades 11 and 12 (Open to grade 10 with written consent of instructor.)

Prerequisite: Geometry or with written consent of instructor. Chemistry is recommended

General Physics is a course designed for students with an interest in science, but not necessarily planning to enter into a science career. 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 measurement, motion, matter, and energy, waves-light and sound.

331 AP Physics

1 year: 1 credit

Open to grades 11 and 12 (Open to grade 10 with written consent of instructor.)

Prerequisite: Algebra II or written consent of instructor. Chemistry is recommended

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, heat, waves, electricity, and magnetism. 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.

Other Science Elective

345 Science Independent Study

1 semester: 1/2 credit 1 year - 1 credit Open to grade 12

Prerequisites: Completion of science in the area of study; formal written proposal by

the student; consent of parents; interview with and consent of the science

department

Independent Study is a course designed for the student who has completed all of the science courses in a specified area of study such as physics, chemistry, or biology. Emphasis is on project work or research work in a specialized area of interest. The course work has to be predetermined by the student in conjunction with a certified teacher in the area of specified study. Credit will be awarded upon completion and subsequent evaluation by the science staff, with the possibility of presentation at a WSST convention.

This course cannot satisfy a science requirement for graduation.

Social Studies

<u>Requirements</u>

World History 1 credit
US History or AP US History 1 credit
Economics 1/2 credit

American Government <u>or</u> AP Government & Politics 1/2 credit <u>or</u> 1 credit

Elective (if <u>not</u> taking AP Government & Politics) 1/2 credit

Required Courses

202 World History A

1 semester: 1/2 credit Required for grade 9

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

This course begins during the age of revolutions, 1500-1914. 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 - 1945

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 1900s 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 1920s, 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 will be discussed.

216 United States History: 1945 to the Present

1 semester: 1/2 credit

Required for grade 10 (unless enrolled in AP US History)

This course begins 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.

220 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 - American style. The course includes an extensive study of the United States Constitution with special emphasis placed upon the Bill of Rights. Further emphases focus upon other political concepts such as ideologies, special interest groups, civil rights, elections, and contemporary political issues. This course provides an excellent foundation for the understanding of and eventual participation in the political process.

222 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.

223 EB (Early Bird) Economics

1 semester: 1/2 credit

Open to grades 11 and 12. Economics is required for graduation.

This class is the same as Economics except that it meets from 7:28 - 8:30 am. (M, T, Th, F). Students are responsible for their own transportation.

Social Studies Electives

228 Topics in American History

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

This course uses current events along with traditional teaching practices to approach issues of continuing importance in United States History. The topics that will be covered are: The History of Immigration and its continued effects on American society; The History of Black America and the continuing debate on race relations; and the United States foreign policy. The United States foreign policy section will include a complete historical review of United States foreign policy culminating in our 21st century Middle East foreign policy. This course is designed for those students who are interested in current events, politics, and plan on pursuing a post-secondary education at the college or university level.

232 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.

235 Wisconsin History: An Exploration of the Badger State

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

In this course, students will explore all aspects of what makes the Badger State so great! This course will examine the diverse geography, culture, and people of the state of Wisconsin. Wisconsin History will provide students with the knowledge and experiences related to our heritage as a state. Topics covered include, but are not limited to: physical geography; early native people; becoming a state; immigrants and their impact; early industries such as lumber and agriculture; local history; and extraordinary Wisconsinites. Students will be expected to research topics which define and explain Wisconsin's rich history.

236 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.

238 Advanced Placement Government and Politics: United States

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 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 given in May each year. A fee is charged for taking this examination.

240 Advanced Placement Psychology

1 year: 1 credit

Open to grades 11 and 12

Prerequisite: Recommended GPA of 3.5 or above in previous Social Studies classes (or

teacher recommendation). 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.

256 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 head.

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.

Agriscience

380 Plants, Pizza, Animals & You

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Ever wonder what agriculture encompasses? This course allows you the opportunity to explore the wide world of food, fiber, and natural resources. We will discuss a wide variety of topics including career exploration, plants, floriculture, animals, cheese making, wildlife, and many others. If you are looking for a course to give you hands-on experience in a wide variety of subjects, then this is the course for you. FFA membership is not required, but strongly encouraged.

381 Animal Science

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Do you enjoy animals? Ever wonder what makes a cow different from a horse? In Animal Science, we discuss a wide variety of topics, including dairy cattle, beef, horse, swine, sheep, goats, poultry, meat science, animal welfare, and many others. FFA membership is not required, but strongly recommended.

382 Fish & Wildlife Management

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Do you enjoy the great outdoors? Whether you're an outdoor enthusiast or someone looking to learn a little more about the world around you, then this is the class for you! Topics covered in this course include Wisconsin wildlife, backyard birds, and freshwater fish and management practices. This course is designed to give students hands-on experience with different aspects of wildlife from Whitetail buck scoring to casting. FFA membership is not required, but strongly encouraged.

383 Plants & Landscape Design

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Got a green thumb? You will, after taking this class! Whether you're interested in plants as a hobby or possible career, this is the course for you! You will gain real hands-on experience caring for houseplants, trees, shrubs, annual and bedding plants, vegetables, and flowers. You'll also learn about turf management, interiorscaping, landscape design and implementation. FFA membership is not required, but strongly encouraged.

384 Small Animal Care

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Do you like dogs? How about cats? Or just pets in general? Then this is definitely the class for you! Dogs, cats, rabbits, aquarium fish, birds, and many other pets will be discussed. You'll learn the basics of pet ownership, including care and management, nutrition, housing, and grooming. By the end of the course, you will be the pet expert on your block. FFA membership is not required, but strongly encouraged.

385 Horse Care and Management

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Calling all horse enthusiasts! Whether you are an avid rider or just enjoy the horse's beauty, this is the class for you. This course is designed to reinforce the basic principles of horsemanship and horse care. Topics covered include basic management, reproduction, diseases, judging, and safety when working with horses. FFA membership is not required, but strongly encouraged.

386 Veterinarian Science

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Ever thought of becoming a vet? Or wondered why a cow chews her cud? Take Vet Science and find out! You'll learn about nutrition, physiology, behavior, health, and reproduction of numerous domestic and exotic animal species. In class, you will examine surgeries taking place, practice suturing and injection techniques, learn medical terminology, and many other aspects of veterinary medicine. FFA membership is not required, but strongly recommended. Students have the option to enroll and receive three credits at Chippewa Valley Technical College for this class.

387 Outdoor Education

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Water and soil and trees, oh my! These topics lay the foundation for Outdoor Education. Learning more about natural resources is vital for everyone when it comes to making informed decisions about them. Conservation, wildlife management, water, soil, and forestry will all be discussed in this course. This course is designed to give students hands-on experience with different aspects of the natural resource industry, including taxidermy. FFA membership is not required, but strongly encouraged.

NOTE: This course discusses the basic principles covered in Advanced Placement Environmental Sciences.

388 You, Dollars, and Decisions

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12 (every other year)

Do you want to be successful? Want to take your leadership to the next level? Then sign up for this course! This semester course encourages you to learn public speaking skills, parliamentary procedure, resume and cover letter writing methods, employability skills, financial management, goal setting objectives, group dynamics, and many other ways to enhance personal leadership skills. FFA membership is not required, but strongly encouraged.

389 Independent Study - Agriscience

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

Prerequisite: Student must have consent of instructor

Independent Study-Agriscience is a course designed for students who are interested in Agriscience and FFA to participate in activities which are not normally covered in Agriscience courses. The student will have the opportunity to plan FFA activities and complete FFA applications. The student and instructor will set up course objectives and requirements.

950 Employability Skills - Classroom Component

1 semester: 1/2 credit Open to grade 12

Employability Skills – Classroom Component will provide you with information that can be applied to any job. Topics of study include what employers want in an employee, leadership skills, getting along with co-workers, employee benefits, and workplace safety. In addition to the experiences that students gain on the job, students will be able to work towards com pletion of the Employability Skills Certificate offered by the Department of Public Instruction. If necessary, students who enroll in a co-op program may be grouped with other co-op programs from the areas of Agriculture, Business/Marketing Education, Family & Con sumer Education, or Technology Education.

This class is intended to be taken in conjunction with the Work Experience Co-Op courses listed on pages 100-101. However, this class may be taken without the student having work release.

951 Agricultural Education Co-op Work Release

1 year: 1 credit Open to grade 12

Work release with credit is available in the agricultural area. Students who sign up for this work release opportunity must also sign up for #950 Employability Skills Class. For more information, please see pages 100 & 101 of this course booklet.

Visual Art

701 Introduction to Art

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Successful completion of this course is a <u>prerequisite</u> to Drawing Studio, Painting Studio, and AP Studio Art. Introduction to Art is strongly recommended before Computer Imagery and Animation, 3-D Arts and Crafts Studio, Sculpture Studio, and Ceramics Studio.

Introduction to Art 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. 21st Century 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 to develop creativity through various design problems and solutions using a variety of techniques and media. Projects range from cultural crafts to contemporary art. The elements of Art, Principles of Design, and Creative Problem Solving Skills will be stressed.

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, drape, and wheel. Students will be evaluated on creativity, craftsmanship, workmanship, and design. 21st Century Skills, to better pre pare students for all careers, are a significant focus of all visual arts courses.

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. 21st Century Skills, to better prepare students for all careers, are a significant focus of all visual arts courses.

705 Advanced Ceramics Studio

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Prerequisite: Ceramics I or 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.

706 Computer Imagery and Animation

1 semester: 1/2 credit

Open to grades 10, 11, and 12

The media and gaming industries are in high demand today. Computer imagery and design 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 two and three dimensional screen environment. Students will begin a portfolio of work for personal display or to meet some art school entrance requirements. 21st Century Skills, to better prepare students for all careers, are a significant focus of all visual arts courses.

707 Advanced Computer Imagery and Animation

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

Prerequisite: C or better in Computer Imagery and Animation

Advanced students will continue to work on their portfolios independently. Student initiative and self-direction are needed. 21st Century Skills, to better prepare students for all careers, are a significant focus of all visual arts courses.

708 Drawing Studio

1 semester: 1/2 credit

Open to grades 10, 11, and 12 Prerequisite: Introduction to Art

Lab fee: \$15.00

Drawing Studio is a course designed for students to build upon their drawing skills and experiment with a variety of media styles and subject matter. The Elements of Art, Principles of Design, and creative problem solving will be stressed. Drawing studio prepares students interested in an art or design field, for related secondary education courses. 21st Century Skills, to better prepare students for all careers, are a significant focus of all visual arts courses.

709 Painting Studio

1 semester: 1/2 credit

Open to grades 10, 11, and 12 Prerequisite: Introduction to Art

Lab fee: \$15.00

Painting Studio builds upon skills or knowledge gained in Introduction to Art. Students will have the opportunity to explore a variety of painting media, styles, and subject matter. Elements of Art, Principles of Design, and creative problem solving will be stressed. 21st Century Skills, to better prepare students for all careers, are a significant focus of all visual arts courses.

710 Advanced Placement Studio Art

1 year: 1 credit

Open to grades 11 and 12

Lab Fees: \$50.00

Prerequisite: Introduction to Art, and two of the following: Drawing Studio, Painting

Studio, Sculpture Studio, Ceramics Studio, or Advanced Ceramics Studio

The AP Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. AP Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year. The AP Program offers three portfolios: Drawing, 2-D Design, and 3-D Design. The portfolios share a basic, three-section structure, which requires the student to show a fundamental competence and range of understanding in visual concerns (and methods). Each of the portfolios asks the student to demonstrate a depth of investigation and process of discovery through the **concentration** section (Section II). In the **breadth** section (Section III), the student is asked to demonstrate a serious grounding in visual principles and material techniques. The **quality** section (Section I) permits the student to select the works that best exhibit a synthesis of form, technique, and content.

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. Students who do not wish to submit a portfolio for college credit may take this course for high school credit only.

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

Course Offerings by Grade Level	
Freshman	Sophomore
 Information Processing 1 Information Processing 2 Introduction to Business & Marketing Publications (Monocle) 	 Accounting 1 Accounting 2 Business & Personal Law Computer Applications 1 Computer Applications 1 - Early Bird Computer Applications 2 Information Processing 1 Information Processing 2 Information Processing 3 Introduction to Business & Marketing Marketing A Marketing B Publications (Monocle)
Junior	Senior
 Accounting 1 Accounting 2 Accounting 3 (T) Accounting 4 Business & Personal Law Computer Applications 1 (T) Computer Applications 2 Entrepreneurship & Retail Management Information Processing 1 Information Processing 2 Information Processing 3 Marketing A Marketing B Personal Finance 	 Accounting 1 Accounting 2 Accounting 3 Accounting 4 Employability Skills - Business/Marketing Classroom Component Work Experience (Semesters 1 and 2) Business & Personal Law Computer Applications 1 (T) Computer Applications 1 - Early Bird (T) Computer Applications 2 Entrepreneurship & Retail Management Advanced Entrepreneurship & Retail Management Information Processing 2

Publications (Monocle)

Principles of Marketing - CLEP

Marketing A

Marketing B Personal Finance Publications (Monocle)

Success Skills - World of Work

Business & Marketing

Business Core Classes

500 Introduction to Business & Marketing

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

Are you thinking about getting a job soon? Want some basic knowledge to start you on the right track to the work world? Need some simple but important information for managing and saving the money you earn? Then this class is for you!

Learn about careers, applying for a job, and interview skills. Then learn budget basics to help you get the most out of your paycheck - no matter what the economy is doing! You'll be introduced to accounting, business law, entrepreneurship, and marketing topics. Other areas of focus will include car insurance, opening a bank account, ethics, and making wise buying decisions.

This class is highly recommended as an introduction to other business and marketing courses.

Career Clusters: Business, Management, and Administration

Finance

Marketing, Sales and Service

501 Accounting 1

1 semester: ½ credit

Open to grades 10, 11, and 12

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 considering taking Ac counting 2 sign up for it at the same time as Accounting 1, so that they can continue through second semester.

Notes: (1) Accounting 1 is a prerequisite course for Accounting 2, 3, and 4. (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 transferrable

to many other colleges and universities.

<u>Career Clusters</u>: Business, Management, and Administration

Law, Public Safety, Corrections & Security Government & Public Administration

Finance Marketing

502 Accounting 2

1 semester: ½ credit

Open to grades 10, 11, and 12

Prerequisites: Successful completion of Accounting 1

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. Sign up for them together

Career Clusters: Business, Management, and Administration

Law, Public Safety, Corrections & Security Government & Public Administration

Finance, Marketing

503 Accounting 3

1 semester: ½ credit Open to grades 11 and 12

Prerequisites: Successful completion of Accounting 2

In this class, you will have the opportunity to develop a strong accounting base needed for a post-secondary business or accounting degree. Concepts will be reinforced through the completion of a simulation set. 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 successfully complete the requirements for the program can earn free college credits at CVTC. These credits may transfer to other two and four-year colleges and universities.

Career Clusters: Business, Management, and Administration

Law, Public Safety, Corrections & Security Government & Public Administration

Finance, Marketing

504 Accounting 4

1 semester: ½ credit Open to grades 11 and 12

Prerequisites: Successful completion of Accounting 3

You will benefit from this course if you are interested in pursuing an accounting degree or owning/managing your own business. Concepts will be reinforced through the completion of a simulation set. If you're thinking about a career in accounting or management, this class is for you.

Successful completion of this course <u>may</u> enable a student to test out of Accounting 1 at UW-Eau Claire.

Career Clusters: Business, Management, and Administration

Law, Public Safety, Corrections & Security Government & Public Administration

Finance, Marketing

506 Business & Personal Law

1 semester: ½ credit

Open to grades 10, 11, and 12

At the time of this printing, we are looking into the possibility of offering transcripted credit with CVTC for this class. If transcripted credit is offered, students who successfully complete the requirements for the program can earn free college credits at CVTC. These credits may transfer to other two or four-year colleges or universities.

The legal system impacts our personal lives and our business dealings every day - from driving a car, getting a job, and 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.

In addition to studying the history of law, course topics include criminal and civil law, trial procedures, ethics, lawsuits, contracts, writing and changing a will, landlord/tenant law, safety, and employment law. This class will give you a basic understanding of the law - whether for personal knowledge or as preparation for a career as a lawyer, police officer, social worker, or hundreds of other occupations. If you are going on to school, many two- and four-year colleges have a business law course requirement.

Career Clusters: Law, Public Safety, Corrections, and Security

Government and Public Administration Business, Management, and Administration

Finance, Human Services

508 Personal Finance

1 semester: ½ credit Open to grades 11 and 12

At the time of this printing, we are looking into the possibility of offering transcripted credit with CVTC for this class. If transcripted credit is offered, students who successfully complete the requirements for the program can earn free college credits at CVTC. These credits may transfer to other two or four-year colleges or universities.

Money is tough to come by; learn to make the best of what you have. Take this class and you will learn real-life money skills for now and for after you graduate. Learn how to set up a workable budget, and manage checking and savings accounts. Learn how to build wealth by managing various investments. Learn risk management skills to protect yourself and what you have with insurance. Learn to use credit wisely so that you can avoid the pitfalls of debt. Learn wise consumer skills regarding housing and car buying. Keep up with current financial topics and stay on top of your money.

Career Cluster: Finance

Marketing Core Classes

At the time of this printing, we are looking into the possibility of offering transcripted credit with CVTC within our marketing course offerings. If transcripted credit is offered, students in a transcripted course who successfully complete the requirements for the program can earn free college credits at CVTC. These credits may transfer to other two- and four-year colleges and universities.1

500 Introduction to Business & Marketing

See 'Business Core Classes' section for class description

512 Entrepreneurship & Retail Management

1 year: 1 credit

Open to grades 11 and 12

This course revolves around operating the school store. Students are given hands-on opportunities to learn about business through working at the school store. Topics of discussion include: marketing, human resources, management, finance, and business plan preparation. It is highly recommended that students have an understanding of marketing before enrolling in this course. Occasionally, students will be required to work in the school store before or after school.

Career Clusters: Marketing

Travel and Tourism

Business, Management, and Administration

513 Advanced Entrepreneurship & Retail Management

1 year: 1 credit Open to grade 12

Prerequisites: Successful completion of Entrepreneurship & Retail Management class

and consent of teacher.

This course provides students with an opportunity to manage the school store. Leadership, reliability, and strong work ethic are qualities that will be required and enhanced in this course. Students will apply the entrepreneurial skills they learned in Entrepreneurship class as they operate as store managers. Students will work before and after school in the school store.

Career Clusters: Marketing

Travel and Tourism

520 Marketing A

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Prerequisite: None

Currently, one in three jobs is marketing related. Employers are looking for people with an understanding of marketing principles. Take Marketing A to gain knowledge of customer buying behavior and the 4 P's of marketing (product, price, place, and promotion). Students will also have an opportunity to participate in DECA competitions at the regional, state, and national level.

Career Clusters: Marketing

Travel and Tourism

Business, Management, and Administration

521 Marketing B

1 semester: ½ credit

Open to grades 10, 11, and 12

Prerequisite: None

Knowledge and skill in the field of Marketing is highly valued in today's workplace! Take Marketing B to learn how to sell and promote products. The course is project based and requires students to prepare a sales presentation and promotional plan. Students will also have an opportunity to participate in DECA competitions at the regional, state, and national level.

Career Clusters: Marketing

Travel and Tourism

Business, Management, and Administration

Computers and Publishing

535 Computer Applications 1

1 semester: ½ credit

Open to grades 10, 11, and 12

NOTES: (1) Successful completion of Computer Applications I fulfills your computer literacy graduation requirement. (2) This course is transcripted with CVTC. Students in this course who successfully complete the requirements for the program will earn free college credits at CVTC. These credits may transfer to other two-and four-year colleges and universities.

If you want to be successful in today's workforce, you must be comfortable with and know how to use common technology. In this course, you will learn and improve your technology skills using Microsoft Word, PowerPoint, Excel, database, and desktop publishing software.

After taking this course, you should feel confident using any productivity program - transferring your knowledge of concepts from one software package to another. The skills taught in this class will be used throughout your high school career, as you continue your education, and when you enter the workplace.

Completion of Information Processing I or adequate keyboarding skills (30 words per minute) is highly recommended prior to taking this course.

<u>Career Clusters</u>: All Clusters

Business, Management, and Administration

Information Technology Marketing, Sales, and Service Education and Training

Arts, A/V Technology, and Communications

536 EB (Early Bird) Computer Applications 1

1 semester: ½ credit

Open to grades 10, 11, and 12

This class is the same as Computer Applications I, except that it meets from 7:28 - 8:30 a.m. (M, T, Th, F). (Course offering is dependent upon adequate sign-ups and teacher availability). Students are responsible for their own transportation.

This course is transcripted with CVTC. Students in this course who successfully complete the requirements for the program will earn free credits at CVTC. These credits may transfer to other two—and four-year colleges and universities.

537 Computer Applications 2

1 semester: ½ credit

Open to grades 10, 11, and 12

Prerequisites: Successful completion of Computer Applications 1 or instructor approval.

Computer Applications 2 can only be taken <u>after</u> Computer Applications 1.

Take it to the next level and expand your knowledge of Microsoft Office and other programs as you complete advanced directed and self-paced projects.

Career Clusters: Business, Management, and Administration

Information Technology Marketing, Sales, and Service Education and Training

Arts, A/V Technology, & Communications

543 Information Processing 1

1 semester: ½ credit

Open to grades 9, 10, 11, and 12

Keyboarding skills are becoming necessary in all areas of life; university and college-bound students should consider taking this class as more and more campuses are becoming escholar/laptop schools. Develop accuracy and speed for school, personal, and business use by learning the basic skills of keyboarding using the touch method. Class activities include formatting business documents such as letters, memos, reports, tables, outlines, resumes, and application letters.

Career Cluster: Information Technology

544 Information Processing 2

1 semester: ½ credit

Open to grades 9, 10, 11, and 12

Prerequisite: Keyboarding 1 or Information Processing 1 at the high school level

If you are headed for a career in the business world, Information Processing 2 should be in your future! Become a "pro" at formatting office documents such as letters, memos, reports, and resumes. Sharpen your digital communication skills by learning about email features and formats, online discussion boards, 'netiquette', and internet searching skills. A job search unit allows students to research careers and schools, prepare application materials, practice interviewing skills, and learn about workplace safety concerns. Business simulations will provide students the opportunity to use their formatting skills in a "real-world" application.

<u>Career Cluster</u>: Information Technology

545 Information Processing 3

1 semester: ½ credit

Open to grades 10, 11, and 12

Prerequisite: Information Processing 2

Calling all students pursuing a career in office administration, management, and entrepreneurship! This self-paced course will sharpen your formatting skills. You will work independently to complete business simulations that will put your skills to the test! Also emphasized in this course are email, digital collaboration tools, and online management tools.

Career Cluster: Information Technology

902 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, 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, communication skills, self-motivation, and the ability to work independently and as part of a team.

Career Clusters: Arts, A/V Technology, & Communications

Marketing Sales & Service

Work Experience & Employability Skills

Entrepreneurship & Retail Management

See course description in 'Marketing Core Courses' section.

Advanced Entrepreneurship & Retail Management

See course description in 'Marketing Core Courses' section.

950 Employability Skills - Classroom Component

1 semester: 1/2 credit Open to grade 12

Employability Skills – Classroom Component will provide you with information that can be applied to any job. Topics of study include what employers want in an employee, leadership skills, getting along with co-workers, employee benefits, and workplace safety. In addition to the experiences that students gain on the job, students will be able to work towards completion of the Employability Skills Certificate offered by the Department of Public Instruction. If necessary, students who enroll in a co-op program may be grouped with other co-op programs from the areas of Agriculture, Business/Marketing Education, Family & Consumer Education, or Technology Education.

This class is intended to be taken in conjunction with the Work Experience Co-Op courses listed on pages 100-101. However, this class may be taken without the student having work release.

Career Clusters: All Clusters

953 Work Experience Co-Op: Business/Marketing (Employability Skills) (Semester 1)

1 semester: 1/2 credit (1st semester only)

Open to grade 12

Required: Enrollment in Business/Marketing Employability Skills - Classroom Component for one semester

This work release opportunity is a cooperative educational program involving the school, the student, and a business. Students receive instruction in school (see Employability Skills - Business Marketing - Classroom Component) and apply that knowledge in the workplace. Students are evaluated by the employer and the teacher-coordinator, and earn school credit for their work time.

Students may take Work Experience for one semester or for an entire year (see Work Experience...Semester 2, below). Work Experience students may be eligible for one or two class hours of work release time during the school day when enrolled in this course. Students may also work during the evenings and weekends, still earning credit for work without having work release time during the school day.

If necessary, students who enroll in a co-op program may be grouped with other co-op programs from the areas of Agriculture, Business/Marketing Education, Family & Consumer Education, or Technology Education.

Career Clusters: All Clusters

Family & Consumer Sciences (F.A.C.S)

Child Care Courses

601 Child Development (0-2)

1 semester: 1/2 credit

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. Child Development (0-2) examines how children develop and grow from birth to two. In addition, we will study hot topics related to child development, such as prenatal development and brain development.

Students must take Child Development (0-2) prior to taking the Assistant Child Care Teacher course.

Career Cluster: Human Services: Early Childhood Development & Services

602 Child Development (3-5)

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

The study of child development involves so much. 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 age of three to school-age by using The Creative Curriculum for Preschoolers, a curriculum commonly used in area child care centers. Specific topics covered in this class include promoting physical, intellectual, emotional, and social development in preschool children; activities for school-age children; nutrition for children; and health and safety.

Career Cluster: Human Services: Early Childhood Development & Services

603 Parents and Children

1 semester: 1/2 credit

Open to grades 10, 11, and 12

At some point in your life you will be responsible for caring for a child, whether that child be your own or someone else's. This course focuses on the role of the "caregiver." Students will learn about the parent-child relationship and how one's family, as well as society, impacts this relationship. Additional areas of study will include discipline and guidance; child safety; selecting childcare; and teen parenting.

Career Cluster: Human Services: Early Childhood Development & Services

609 Working with Children ACCT

1 semester: 1/2 credit Open to grade 11 or 12 Offered 2nd semester

Prerequisite: Students must be 17 years of age by the beginning of the semester in which they are enrolled in the ACCT course. In addition, students must have taken or currently be enrolled in Child Development (0-2)

Do you see yourself pursuing a career working with children? If so, this course is for you! The Working with Children course is designed to give you a jump-start on your career. By taking this hands-on course, you will learn about the need for and the importance of quality child care. We will also explore the different careers associated with working with children. In addition, you will develop a practical "resource kit" containing ideas and activities for young children.

This course is articulated with CVTC. Students who successfully complete this course will earn credit toward the Early Childhood Education program at the technical college. Course completers will also receive certificates recognized by the Department of Public Instruction including the Infant/Toddler certification, ACCT certification, and Shaken Baby Training.

Career Cluster: Human Services, Education & Training

Family-Related Courses

612 Independent Living

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

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 will be facing many decisions, such as how to rent an apartment, how to budget your money, and what it takes to prepare your own meals. The Independent Living course will provide you with some of the skills necessary to become a successful, contributing member of society as you enter life on your own. Topics for this course include being 18, decision making, preparing for a job, housing, transportation, meal preparation, and relationships.

Career Cluster: Human Services: Consumer Services

614 Hobbies for Life

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Course fee \$10.00 and purchase of some fabric and yarn for projects will be required

Knitting, sewing, quilting, tie dying, bookmaking, beading, and weaving a basket are only a few of the areas that we will cover in this class. The projects you will make are too numerous to mention. Whether it is a leisure time activity, a way to find your hidden talent, or possibly get you thinking about a possible career, this class has something for everyone. After learning how to do the various techniques, students will work on projects that develop their own interest.

Career Cluster: Arts, Audio/Video Technology & Communication: Visual Arts

615 Fashion, Textiles, Construction and Design

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Course fee: \$10.00

With shows such as "Project Runway" and "The Fashion Show," we have seen a glimpse of what the fashion industry is like. If you enjoy watching these shows, and you would like to learn more about the fashion world, this course is for you. Students will study ready-to-wear, private label lines and past, present, and future trends in textiles, apparel manufacturing and retail sales. They will increase their knowledge and understanding of career opportunities related to fashion merchandising and design. This will meet the needs of students who desire to learn about fashion in industry globalization, the changing consumer market, and the world of fashion. Students will make fleece mittens and at the end of the semester, students will complete a project at the sewing machine of something that they will be able to wear. This project will be at the student's own expense.

Career Cluster: Arts, Audio/Visual Technology & Communications: Visual Arts

Foods Courses

620 Good Eats (Foods I)

1 semester: 1/2 credit Open to grades 9 and 10 Course fee: \$10.00

Career Cluster: Hospitality & Tourism

What is your experience working in the kitchen? Whether you have some experience, or no experience, Good Eats is a course that explores the basics of kitchen "know-how". This class will help you understand what kitchen equipment to use when preparing a recipe; how to read a recipe; how to measure ingredients properly; and ways to prepare quick and easy snacks, meals, and desserts. Students can expect to be in lab, on average, once a week.

Career Cluster: Hospitality & Tourism: Restaurants & Food/Beverage Services

621 Family Foods (Foods IIA)

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Course fee: \$10.00

Do you enjoy cooking? Do you feel you should know your way around the kitchen better than you do? If you answer yes to either of these two questions, Family Foods is an exciting course selection for you. Through labs (at least 1-2 a week), students will prepare foods such as cinnamon rolls, crescent rolls, pizza, soup in bread bowls, foods with cheese, eggs, fruits, and more, and will end the semester with a "cook out." In addition, we will be exploring careers related to food and nutrition.

Career Cluster: Hospitality & Tourism: Restaurants & Food/Beverage Services

622 Foods of the World (Foods IIB)

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Course fee: \$10.00

What food customs do you have? Do you enjoy going to Mexican, Italian, or Chinese restaurants? In Foods of the World, you can learn to prepare many of these recipes yourself. The global village we live in today calls for us to get acquainted with traditions and customs of our neighbors near and far. Students will learn to interpret Chinese, French, German, Italian, and other country's food customs and cooking techniques as well as regional foods from our country. Students will have the opportunity to prepare and taste a variety of foods, such as French Bread, Mexican Fried Ice Cream, Irish Beef Stew in homemade bread bowls, and fresh pasta, just to name a few. Students will interact in labs to reinforce what was learned in class at least 1-2 times a week. A "Midwest" tradition of a potluck will finalize the semester with each group choosing what they want to prepare.

Career Cluster: Hospitality & Tourism: Restaurants & Food/Beverage Services

623 Culinary Essentials (Foods III)

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

Prerequisite: Must have taken Family Foods or Foods of the World

Course fee: \$10.00

Your special interests and creative skills in food preparation will be put to work as you discover the potential career opportunities the world of culinary foods has to offer. You will become familiar with some of the "big" names in the culinary world. Additional topics covered include food presentation and garnishing, hors d'oeuvres, cold platters, salads, sandwiches, herbs and spices, cooking methods used with meats, breakfast foods, desserts, and baked goods. Students will apply the skills they have learned in restaurant simulations. Students in this class will learn through hands on experiences while wearing real chef's coats during lab situations. Students can expect to practice their skills in labs at least 1-2 times a week.

<u>Career Cluster</u>: Hospitality & Tourism: Restaurants & Food/Beverage Services

950 Employability Skills - Classroom Component

1 semester: 1/2 credit Open to grade 12

Employability Skills – Classroom Component will provide you with information that can be applied to any job. Topics of study include what employers want in an employee, leadership skills, getting along with co-workers, employee benefits, and workplace safety. In addition to the experiences that students gain on the job, students will be able to work towards completion of the Employability Skills Certificate offered by the Department of Public Instruction. If necessary, students who enroll in a co-op program may be grouped with other co-op programs from the areas of Agriculture, Business/Marketing Education, Family & Consumer Education, or Technology Education.

This class is intended to be taken in conjunction with the Work Experience Co-Op courses listed on pages 100-101. However, this class may be taken without the student having work release.

955 Family & Consumer Science Co-op Work Release

1 year: 1 credit Open to grade 12

Students who sign up for this work release must secure a job that is family & consumer science related. Careers in this area include health care, child care, hospitality, food service, and community services. Students must also sign up for #950 Employability Skills Class.

Foreign Language

711 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 I is an introduction to the French language. Fluency and communication are the main goals in French. The 1st semester focuses on listening and reading comprehension. The 2nd semester continues to focus on listening and reading, however more attention is given to writing and speaking fluency. The course involves learning the language by creating and reading short stories including 2 short novels. Students can look forward to a variety of in-class practice, cultural projects, and many other activities to increase their fluency. Attendance and participation are vital for success in this course.

712 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 four main skills that students learned in French I by reading short books, 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 and cultural projects. Since this class focuses on listening and guided reading, it is extremely important to be present.

713 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 personal conversation skills. Students can also expect to read short books and write compositions on a variety of topics. Units may include events and film, cooking, 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.

714 French IV

1 year: 1 credit

Open to grades 11 and 12

Prerequisite: A grade of C or higher in French III

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.

715 French V

1 year: 1 credit Open to grade 12

Prerequisite: A grade of C or higher in French IV

Prerequisite for Semester 2: A passing grade in Semester 1

French V is an intensive review of previously learned vocabulary and grammatical forms (passe' compose', 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 conversation with an introduction to complex grammatical structures including subjunctive and compound tenses. The course in conducted in French and students are expected to communicate in French as well. Based on enrollment, this course may be combined with French IV.

731 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. Vocabulary, pronunciation, grammar and culture are taught through storytelling. There is an additional focus on Mexico, Guatemala, Chile, and Spanish-speaking countries in the Caribbean. Daily written work is required as well as individual, paired, and whole group participation. Spanish is the target language of the classroom and students are encouraged to speak Spanish in the classroom. Note: Spanish 1 at the Middle School level is equivalent to Spanish 1 at the high school level.

732 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 Prerequisite for Semester 2: A passing grade in Semester 1

Spanish II continues with the present and past (preterit and imperfect) tenses taught through storytelling. Other topics that are incorporated into the lessons include foods, holidays, and culture. There is an additional focus on Peru, Texas/Mexico (the Alamo), and latino immigration. Daily written work is required, as well as individual, paired, and whole group oral participation. Spanish is the target language of the classroom and students are encouraged to speak Spanish in class.

733 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

Prerequisite for Semester 2: A passing grade in Semester 1

Spanish III students learn and continue practicing multiple verb forms and tenses through storytelling. There is an additional focus on Ecuador, the Caribbean and Spain. 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. Instruction and participation is done through individual, pair, small group and whole group work. This course prepares students for college and university entrance exams and meets many college and university entrance requirements.

734 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

Prerequisite for Semester 2: A passing grade in Semester 1

The purpose of this course is to review and refine previously learned grammatical forms through storytelling. Instructional emphasis is placed on composition, reading comprehension, and speaking in Spanish both presentational and conversational. Cultural studies are incorporated throughout the year, including an emphasis on traveling through Central and South America, Spanish-speakers in the U.S., the Spanish conquest of the New World, and Argentina. In addition, students are required to participate in online discussions and to participate in out-of-class input assignments to hear authentic language. Spanish IV is primarily conducted in Spanish, and students are expected to speak in Spanish. This course prepares students for college and university entrance exams and meets many college and university entrance requirements.

735 AP Spanish

1 year: 1 credit Open to grade 12

Prerequisite: A grade of C or higher in Spanish IV

Prerequisite for Semester 2: A passing grade in Semester 1

The purpose of this course is to review and refine previously learned grammatical forms (preterit, imperfect, future, perfect, and subjunctive tenses), and to apply them to a variety of contexts. Coursework is aimed at preparing for the AP Spanish and/or College Placement Exams. Students are required to compile a year-long portfolio with artifacts consistent with the seven graded categories. In addition, students are required to participate in online discussions and to participate in quarterly out-of-class input assignments to hear authentic language. Instructional emphasis is placed on composition, reading comprehension, and conversation in Spanish. Cultural studies are incorporated throughout the year. The course is conducted in Spanish.

Foreign Language - Distance Education

Chippewa Area Distance Education Network

Distance Education and CADENC courses are taught over interactive television and/or online. The broadcast may originate from another high school, a technical college, or a university. Students enrolling in these courses must be ready to follow the attendance and grading practices of the broadcast site.

Due to the independent nature of the Distance Education/CADENC programs, it is necessary for students to recognize that procedures are different than those of regular courses offered at Chi Hi. At times, credits for Distance Education or CADENC courses may be awarded both at the high school level and the post-secondary level.

741 Japanese I (Distance Education Course)

1 year: 1 credit

Prerequisite: C average or above in English

The Japanese language program provides students a base upon which to build fluency as the language is heard, spoken, and written. Mastery of two alphabet systems allows stuents to use basic grammar and vocabulary. Verbal communication and using basic expressions will be emphasized. The course enables the students to develop an attitude of openness toward the Japanese and their culture through exposure to and an appreciation of Japanese food, music, history, arts, geography, lifestyles, and social customs. Successful Japanese language study will allow the students to achieve a personal goal and to heighten awareness of an- other language and culture as well as their own.

742 Japanese II (Distance Education Course)

1 year: 1 credit

Open to grades 11 and 12

Prerequisite: Successful completion of Japanese I with a grade of B or better (or instructor approval with a grade of C)

Japanese II is a continuation of Japanese I which will provide for greater ease with basic communication. Grammar and vocabulary study will increase, as well as more exposure to the third of three alphabet systems. Having mastered the basics of Japanese I, students are now at a comfortable level, enabling them to create and initiate communicative exchanges. Continued exposure to Japan and the Japanese through cultural units and activities will foster acquisition of a global attitude necessary in today's world of mutual interdependence.

743 Japanese III (Distance Education Course)

1 year: 1 credit

Open to grades 11 and 12

Prerequisite: Successful completion of Japanese II with a grade of B or better (or instructor

approval with a grade of C)

Japanese III is designed to further enhance students' speaking, listening, reading, and writing skills. Students will learn contemporary culture and everyday life in Japan through the eyes of Ken, who spends a year studying in Japan and living with a host family. The course will introduce complex grammatical structures, expressions, vocabulary, speech styles, and new Kanji.

746 Latin I (Distance Education Course)

1 year: 1 credit

Open to grades 10, 11, and 12

Prerequisite: C average or above in English

Students begin to develop the cultural understanding and linguistic performance skills necessary to experience the culture of the classical world. Students will study basic grammar and learn the essential elements of Latin pronunciation in order to be able to read simple passages in Latin. They will read aloud Latin passages that have been modified for comprehension. The relationship of English to Latin will be emphasized in vocabulary building, word derivation, and meanings of prefixes and suffixes. The geography, history, government, and culture of the Roman Empire will be studied as well.

747 Latin II (Distance Education Course)

1 year: 1 credit

Open to grades 11 and 12

Prerequisite: Successful completion of Latin I with a grade of B or better (or instructor

approval with a grade of C)

The second year Latin student continues to develop cultural understanding, attitudes, and linguistic performance skills. This study increases awareness of the contribution of the Roman civilization to our western civilization. Second year Latin students will finish mastering the basic corpus of Latin grammar and begin reading actual Latin texts from a variety of authors. Readings will be integrated with the study of cultural and historic topics. Topics will include Roman pastimes, religious customs and major aspects of Roman history.

994 Manual Communications - Sign Language (Distance Education Course) *

1 semester: 3/4 credit and 3 WWTC credits

Open to grades 11 and 12

Students will learn Sign Language beginning with fingerspelling the alphabet and progressing to advanced signing. Emphasis is also placed on the history of sign language, understanding the deaf culture, and learning about the variety of signs used for communication with the deaf and hard of hearing.

* Note: Due to scheduling, this course may take two consecutive periods per day

Health Care

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

Health Care Science Occupations Health Care Youth Apprenticeship Certified Nursing Assistant (CNA) Medical Terminology

650 Health Science Occupations

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

Emphasis is on all aspects of Health Care - not just nursing! Males are encouraged to sign up as well!!!

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. Health Science Occupations will explore the varied careers, the education required to work in this profession, and the future potential of the career. A few of the health careers are occupational, physical, and speech therapy, as well as assistants and aides in those fields; pharmaceutical, veterinarian, nursing, physicians, chiropractors, and social work. Students will spend a portion of the course in classroom study, and a portion of the course listening to guest speakers in the health care field. Students will have the opportunity to job shadow a career of their choice. Students can become involved as members of H.O.S.A. (Health Occupation Students of America), which helps with the blood drive as well as other activities related to health care, such as helping with vision and hearing screening at the elementary schools. Anyone interested in health care will benefit from this class.

Career Cluster: Health Science

651 Health Care Youth Apprenticeship

180 hours of work: 1/2 credit Open to grades 11 and 12

Prerequisite: Health Science Occupations class taken or currently enrolled, and

employed in a long term health care facility as a CNA. Course will

be independent study during the school year

It is estimated that by the year 2020 there will be a shortage of 434,000 nurses. 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 hour 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 as they seek knowledge about possible careers after high school.

Students should also sign up once during their junior or senior year based on their year of entrance into the program for the FCE Co-op.

See Mrs. Buchner if you have any questions.

Career Cluster: Health Science

Certified Nursing Assistant (CNA)

1st semester: 3/4 high school credit and 3 CVTC credits
2nd semester: 3/4 high school credit and 3 CVTC credits

Open to grades 11 and 12

Fee: \$115.00 fee for certification test

Student is responsible to provide their own transportation

Choose course # 653 for 1st semester, **OR** course # 654 for 2nd semester

This course is a combination of classroom (80 hours of lab/clinical at CVTC in Eau Claire and a local long-term nursing care facility) and 40 hours of videotapes/DVDs. Classes are conducted after school with videotapes/DVDs viewed on the student's own time (it will be listed on your schedule as an "Early Bird" but it is not). 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 the arrangement and fee of \$115.00 for a certification test.

Coursework fees (does not include certification test) are paid through Youth Options. Therefore it is important that students meet the deadlines for Youth Options. March 1 is the deadline for first semester and October 1 is the deadline for second semester.

Career Cluster: Health Science

655 Medical Terminology (Distance Education Course)

1 semester: 3/4 high school credit and 3 CVTC credits (pass with 77% or higher)

Open to grades 11 and 12

Cost: Approximately \$50.00 - \$100.00 for course materials

This course is designed to provide students with knowledge of medical terminology. Emphasis will be placed on analyzing, building, and understanding medical terms. This is an excellent base course for all students interested in health occupations.

Note: Due to scheduling, this course <u>may</u> take two consecutive periods per day if taken as an Early Bird - 1st hour class.

Career Cluster: Health Science

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 out of school hours.

Band

750 Band

1 year: 1 credit

Open to grades 9, 10, 11, and 12

Prerequisite: Prior membership in a school music ensemble

Students enrolled in this year-long course will begin the year with a unit on marching band. All students will be members of the Chi-Hi 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 will involve extra time outside of the school day. Participation cost is \$180. After the marching band unit, students will study works of band music appropriate to their grade level. Students will attend regularly scheduled lessons, as well as concerts and pep band performances throughout the school year. All students prepare for, and are encouraged to, participate in the Solo Ensemble Festival.

755 EB (Early Bird) Jazz

1 year: 1/2 credit

Open to grades 9, 10, 11, and 12

This non-auditioned group meets on Tuesday and Thursday mornings throughout the year. It is open to all students who play an instrument. Students are expected to perform in concerts throughout the year.

756 Jazz I

1 year: 1 credit

Open to grades 10, 11, and 12

This auditioned ensemble meets every day throughout the year. It is open to sophomores 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.

Orchestra

764 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 two -octave 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.

765 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 including 2nd and 4th positions, and learning some three-octave scales. Intermediate-advanced 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.

766 11/12 Philharmonic Orchestra

1 year: 1 credit

Open to grades 11 and 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 string orchestra literature, as well as full orchestra literature. Philharmonic Orchestra will include a study of advanced string technique including 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.

768 EB (Early Bird) Wire Choir

1 year: 1/2 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. This class meets as an Early Bird on Mondays and Fridays.

Choir

770 Freshman Choir - Choristers

1 year: 1 credit

Open to grade 9 (girls only)

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.

771 Varsity Women's Choir

1 year: 1 credit

Open to grade 10, 11, and 12

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. All members are responsible for a \$20 participation fee for concert attire.

772 Men's Choir

1 year: 1 credit

Open to grades 9, 10, 11, and 12

The choir studies all styles of music through performance. This class will include the study of 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. The choir participates in 3 to 4 concerts and festivals. Members are responsible for purchasing a shirt for performances.

773 Cardinal Choir

1 year: 1 credit

Open to grades 10, 11, and 12

Cardinal Concert 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.

774 Vocal Jazz

1 year: 1 credit

Open to grades 11 and 12

Prerequisite: One year of a curricular choir

This class will offer a comprehensive study of vocal jazz, a genre that evolved out of jazz music that was born and raised 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. Students must also be in one of the large curricular choirs.

775 EB (Early Bird) 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.

778 Music Technology

1 semester: 1/2 credit Open to grade 12

Preference will be given to students who are looking to pursue music after graduation. This course studies the fundamental of music and varying recording and arranging technology. Students will be expected to attend and record for concerts throughout the course of the semester.

Other Music Opportunities

779 Marching Cardinals Color Guard

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12 (non-Band students only)

The Marching Cardinals Color Guard is an integral part of the Marching Cardinals marching band. The students will participate in marching band as a member of color guard, learning and performing skills in marching, dance, flag, and rifle. The color guard will perform at several football halftimes and competitions. This class is open to any student that is NOT a regular member of the band. Students already in band wanting to participate in color guard should register for Cardinal Band. Summer rehearsals are required. Students will need to pay additional fees not to exceed \$150.00.

780 AP (Advanced Placement) Music Theory

1 year: 1 credit

Open to grades 9, 10, 11, and 12

A pre-test for admission to this year-long course will be given in the spring of the previous year. Admission will be based on knowledge of music. 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.

Technology Education

Applied Technology Courses

806 ABC's of Engineering

1 year: 1 credit

Open to grades 10, 11, and 12

If you've watched more than five episodes of OCC or Trick Your Ride, this class is a must for you. ABC's of Engineering is a course designed to give students a hands-on approach to building machines. Students will spend the first semester studying simple machines, fluid power systems, alternate energy, and other energy transfer systems by building things such as catapults, trebuchets, CO2 or Estes Rocket engine cars and electrical circuits. Second semester students will, as a group, build a large Rube Goldberg Machine for the regional competition held at UW-Stout. The school that wins the Stout competition will compete at the national level.

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, roto-tillers, 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.

820 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.

821 EB (Early Bird) Car Care

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

Lab fee \$5.00

This course is the same as Car Care except that it meets from 7:28 - 8:30 a.m. (M, T, Th, F). Students are responsible for their own transportation.

822 Automotive Technology

1 sem/2 pds/day: 1 credit 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!

Practical Welding, ABC's of Engineering, Tech Math,

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.

824 Advanced Automotive Technology

1 sem/2 pds/day: 1 credit

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, Practical Welding, ABC's of

Engineering, Tech Math, 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 Computer-Aided Drafting

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Introduction to CAD will develop basic skills in the area of computer-aided drafting. Autodesk Software: AutoCAD 2012, Inventor 2012, and Revit 2012 are used to teach the basic cad commands needed to create 2D and 3D drawings relating to mechanical and architectural drafting and design.

Activities will include: occupational information, the study and application of basic CAD software to create basic one view, orthographic and isometric drawings. In addition, students will use the most current 3-D software to create mechanical and architectural drawings.

832 Computer-Aided Drafting-Architectural

1 year: 1 credit

Open to grades 10, 11 and 12

Prerequisite: Intro to CAD (with a grade of C or better)

Computer-Aided Drafting-Architectural is an introductory course in the use of CAD to create architectural working drawings. AutoCAD 2012 and Revit 2012 will be used to teach the basic CAD commands needed to create 2D and 3D architectural working drawings. Students will learn about: occupational information, construction terminology, processes and procedures and how to create a set of working drawings to include: a floor plan, foundation plan, site plan, elevations, section and detail views. In addition, students will be required to complete a set of working drawings of a house they choose to draw.

834 Computer-Aided Drafting-Mechanical

1 year: 1 credit

Open to grades 10, 11 and 12

Prerequisite: Intro to CAD (with a grade of C or better)

Computer-Aided Drafting-Mechanical is an introductory course in the use of CAD to draw and design 2D and 3D mechanical parts and assemblies. Autodesk Software: AutoCAD 2012 and Inventor 2012 are used to create 2D and 3D drawings.

Topics will include: Occupational information, the study of basic cad commands to make 2D and 3D drawings to include: advanced one view drawings, orthographic drawings, section views, auxiliary views, isometric drawings and assembly drawings. In addition, students will design and create a project that will be manufactured using CNC technology.

836 IPC Computer-Aided Drafting (Architectural & Mechanical)

1 year: 1 credit

Open to grades 11 & 12

Prerequisite: CAD-Mechanical or CAD-Architectural and a conference with the instructor

are required

I.P.C. CAD will prepare students for entry level jobs in the field of drafting or to continue their study at a Technical School, Junior College, or University.

The course will offer two major tracks: Mechanical CAD and Architectural CAD. Students that are interested in a career in one of the following areas of drafting: technical drafting, structural drafting, CAD-CAM, engineering, or architecture, 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 year: 1 credit

Open to grades 10, 11, and 12

Prerequisite: Electronics 1 (with a grade of C or better) Recommended related courses: ABC's of Engineering

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. Students that earn a grade of B or higher <u>may</u> receive college credit through Chippewa Valley Technical College.

Student supplied safety glasses are required.

846 PC Paramedics

1 semester: 1/2 credit

Open to grades 10, 11, and 12

Recommended related courses: Electronics I and II

PC Paramedics is a course designed to give students a "hands-on" approach to the operation of a personal computer. This course will cover all the major assemblies of a computer and the role they play in the system. Students will learn how to repair and upgrade personal computers to achieve desired results from the machine. This course will require students to disassemble and reassemble a PC. Students will also have the option of purchasing all the needed components to build their own computer or upgrade a computer they currently have.

Graphics Courses

850 Graphics I

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Lab Fee: \$5.00

An introduction into 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 <u>Adobe Illustrator</u>, <u>PhotoShop Elements</u>, and <u>Premiere Elements</u>.

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. <u>Adobe Illustrator</u>, <u>Photoshop CS3</u> and <u>Dreamweaver</u> are some of the programs used in class. The final project will consist of a digital portfolio compiled by the student.

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)

Lab Fee: \$10.00

This course builds upon the skills developed in Graphics I and focuses on the area of photography. Students will advance their knowledge of both film and digital photography through a variety of hands-on activities. <u>Adobe PhotoShop CS3</u> will be the primary graphic software program. The final project will consist of a digital portfolio compiled by the student.

854 Graphics III

1 year: 1 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.

148 Multimedia Communications

1 year: 1 credit (Elective: Technical Education/English - 1/2 credit each semester)

Open to grades 11 and 12

Prerequisites: Students must receive a C or better in all their Technical Education and English 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, Commentator, Communications, Intermediate Composition.

Note: This class replaces TV Productions and Commentator

This "hands-on" course teaches students to write and produce news, opinion, and entertainment 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 Elements software. They will produce Chi-Hi Happenings, a weekly television show broadcast throughout the school. In addition, students will maintain an online website complementing their weekly broadcast. The website will host video, digital images, and a variety of writing formats.

The course includes instruction and practice in basic journalistic skills. 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

Recommended Related Courses: Intro to CAD, Practical Welding, Machine Metal

Working, ABC's of Engineering

Lab Fee: \$10.00

Metal Fabrication is an introduction to the manufacturing of metal products and structures. Areas to be explored are: sheet metal drafting and layout, hand and machine forming techniques, fastening methods, planning sequence of operations, safe working practices, and career opportunities. Basic math and science concepts are applied in this "hands-on," project based course.

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, ABC's of Engineering, Practical 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 year: 1 credit

Open to grades 10, 11, and 12

Prerequisite: Machine Metalworking (with a grade of C or better)

Recommended Related Courses: Intro to CAD, ABC's of Engineering, Practical Welding,

Metal Fabrication

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.

Student supplied safety glasses are required.

866 Practical Welding

1 semester: 1/2 credit

Open to grades 9, 10, 11, and 12

Recommended Related Courses: Intro to CAD, Machine Metal Working, Principles of

Engineering Tech, Metal Fabrication

Practical Welding is a "hands-on" introduction to the welding industry. The course is designed to show the application of current industrial welding procedures. Shielded Metal Arc (stick), Gas Metal Arc (MIG), Gas Tungston Arc (TIG) and Oxy-acetylene welding methods will be explored. Flame cutting, plasma cutting, career opportunities, and other technical areas will be covered. All work will be done on mild steel in the flat position.

Student supplied safety glasses and welding gloves are required.

868 Welding Technology

1 year: 1 credit

Open to grades 10, 11, and 12

Prerequisite: Practical Welding (with a grade of C or better)

Recommended Related Courses: Machine Metal Working, Intro to CAD, ABC's of

Engineering, Metal Fabrication

Lab Fee: \$10.00

Welding Technology consists of an in-depth exploration of the present day welding/metal fabrication industry. This course is designed to allow the students to improve in both welding knowledge and manual skills. This course is one which requires a large amount of self-direction and responsibility on the part of the student. Oxy-acetylene, Shielded Metal Arc, MIG, TIG, plasma, and flux core processes will be performed in the four major welding positions on both ferrous and non-ferrous metals. Print reading, welding symbols,metallurgy, introductory robotics, automated welding, related manufacturing techniques, and career opportunities will be investigated.

Student supplied safety glasses and welding gloves are required.

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 - Cabinetmaking

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

Prerequisite: Woodworking I (with a grade of C or better)

This course focuses on expanding the knowledge and skills gained in Woodworking 1 by utilizing new technology and techniques that are found in industry today. Students will work on cabinet type projects (i.e. gun cabinets, entertainment centers, curio cabinets, etc.) by learning to use design programs to efficiently generate individualized student project ideas. Automated machining (CNC) will be extensively used in the construction, but advanced skills in using manual machines will also be explored in the completion of the 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 are required.

873 Woodworking 2 - Shaping and Refinishing

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 1 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 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.

Student supplied safety glasses are required.

950 Employability Skills - Classroom Component

1 semester: 1/2 credit Open to grade 12

Employability Skills – Classroom Component will provide you with information that can be applied to any job. Topics of study include what employers want in an employee, leadership skills, getting along with co-workers, employee benefits, and workplace safety. In addition to the experiences that students gain on the job, students will be able to work towards completion of the Employability Skills Certificate offered by the Department of Public Instruction. If necessary, students who enroll in a co-op program may be grouped with other co-op programs from the areas of Agriculture, Business/Marketing Education, Family & Consumer Education, or Technology Education.

This class is intended to be taken in conjunction with the Work Experience Co-Op courses listed on pages 100-101. However, this class may be taken without the student having work release.

957 Technology Education Co-op Work Release

1 year: 1 credit Open to grade 12

Work release with credit is available in the technology education area. Students who sign up for this work release opportunity must secure a job that is technology related and also be enrolled in one of the upper level courses that is closely related to the work experience placement. **Students must also sign up for #950 Employability Skills Class.**

Work Experience Programs

907 Work Release (non-credit)

1 or 2 semesters - no credit

Open to grade 12

Prerequisite: Minimum GPA of 2.0 and satisfactory attendance and behavior record

Students that are on non-credit 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.

950 Employability Skills - Business/Marketing Classroom Component

1 semester - 1/2 credit Open to grade 12

Employability Skills - Classroom Component will provide you with information that can be applied to any job. Topics of study include what employers want in an employee, leadership skills, getting along with co-workers, employee benefits, and workplace safety. In addition to the experiences that students gain on the job, students will be able to work towards completion of the Employability Skills Certificate offered by the Department of Public Instruction. If necessary, students who enroll in a co-op program may be grouped with other co-op programs from the areas of Agriculture, Business/Marketing Education, Family & Consumer Education, or Technology Education.

This class is intended to be taken in conjunction with the Work Experience Co-Op courses (see pages 100-101). However, this class may be taken without the student having work release.

Career Clusters: All Clusters

Work Release with credit

Students are responsible for <u>actively</u> seeking a job in their selected field of interest and should secure a worksite before the start of the school year. Grading for the work portion is Pass/Fail. Students need to work a <u>minimum of 180</u> hours per semester to earn 1/2 credit. Students are expected to work continually for 15 of the 18 weeks of the semester.

Work release will be revoked, students will be placed in a study hall, and no credit for work will be given if: The student does not have a job placement within the first three weeks of the school year, or the student is terminated for any reason other than lay-off or company closing. If necessary, students who enroll in a co-op program may be grouped with students from other co-op programs.

Students that need these credits for graduation should be taking other classes until it is confirmed that they have employment.

PLEASE SELECT ONE OF THE FOLLOWING WORK RELEASES:

951 Agricultural Education Co-op Work Release

1 year: 1 credit Open to grade 12

Students who sign up for this work release must secure a job that is agriculture related. Agricultural Education Co-op is a program of cooperative education in which students receive onthe-job instruction through an arrangement between the school and employer. Students must also sign up for #950 Employability Skills Class.

953 Work Experience Co-Op: Business/Marketing (Employability Skills) (Semester 1)

1 semester: 1/2 credit (1st semester only)

Open to grade 12

Required: Enrollment in Business/Marketing Employability Skills - Classroom Component for one semester

This work release opportunity is a cooperative educational program involving the school, the student, and a business. Students receive instruction in school (see Employability Skills - Business Marketing - Classroom Component) and apply that knowledge in the workplace. Students are evaluated by the employer and the teacher-coordinator, and earn school credit for their work time.

Students may take Work Experience for one semester or for an entire year (see Work Experience...Semester 2, below). Work Experience students may be eligible for one or two class hours of work release time during the school day when enrolled in this course. Students may also work during the evenings and weekends, still earning credit for work without having work release time during the school day.

If necessary, students who enroll in a co-op program may be grouped with other co-op programs from the areas of Agriculture, Business/Marketing Education, Family & Consumer Education, or Technology Education.

Career Clusters: All Clusters

954 Work Experience Co-Op:Business/Marketing (Employability Skills) (Semester 2)

1 semester: 1/2 credit Open to grade 12

<u>Required</u>: Enrollment in Business/Marketing Employability Skills - Classroom Component for one semester.

This class is the same as course # 953 Work Experience Co-Op: Business Marketing, except the student must be employed and complete related paperwork during the second semester. See above for course description.

Students may take the Work Experience Co-Op for a semester or for an entire year. Students may register for both Semester 1 and Semester 2 courses, and are eligible for one-half credit for each course/semester for a total of one credit for the school year.

Career Clusters: All Clusters

955 Family & Consumer Science Co-op Work Release

1 year: 1 credit Open to grade 12

Students who sign up for this work release must secure a job that is family & consumer science related. Careers in this area include health care, child care, hospitality, food service, and community services. Students must also sign up for #950 Employability Skills Class.

957 Technology Education Co-op Work Release

1 year: 1 credit Open to grade 12

Students who sign up for this work release must secure a job that is technology related and must also be enrolled in one of the upper level courses that is closely related to the work experience placement. Students must also sign up for #950 Employability Skills Class.

Non-Departmental

900 Living/Leadership for Freshmen

1 year: ½ Credit

Required for students in grade 9

Living Leadership for Freshmen is a required course exclusively for ninth grade students. The class will meet for 30 minutes prior to lunch, as scheduled, to help provide a comfortable transition to high school for freshmen at Chi-Hi. Each Living/Leadership section will be coached by the Life Team, a group comprised of juniors and seniors who will serve as mentors. The course will cover group dynamics, leadership, and healthy living topics. This is course is required for all freshmen.

909 Special Ed Classroom Assistant

1 semester: 1/2 credit

Open to grades 9, 10, 11, or 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 complete an application upon enrolling. 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

LIFE (Leadership Is For Everyone) Team

941 1st semester: 1/2 credit
 942 2nd semester: 1/2 credit

Course may be taken each semester for up to 2 credits)

Open to grades 11 and 12

Prerequisite: GPA of 2.0 or higher and application

LIFE Team is a hands-on leadership course. Juniors and seniors with strong leadership potential take on the responsibility of being role models. Topics to be covered will include, but not be limited to: group dynamics, leadership, service learning, healthy lifestyles and teaching methods. This class will be of specific interest to students who want to explore people-related careers.

- Juniors and seniors will meet two days a week for instruction, Monday & Wednesday during 7th hour.
- Juniors and seniors will apply their newly learned skills two days a week (Tuesday & Thursday) during Lunch A teaching freshmen students lessons related to the topics referenced above. Typical instruction/lessons will be approximately 30 minutes in length.
- Juniors and seniors will receive early release during 7th hour on Monday, Wednesday, and Friday.

2013-2014 Course Listing

ENGLISH SCIENCE **BUSINESS & MARKETING** MUSIC 101 English 9A/9B - 1 301 Expl Physical Science - 1 500 Intro to Business & Market - 1/2 750 Marching/Concert Band - 1 102 English 10A - 1/2 302 Earth Science - 1/2 501 Accounting 1 - 1/2 755 EB Jazz - 1/2 502 Accounting 2 - 1/2 103 English 10B - 1/2 309 Basic Biology - 1* 756 Jazz I -1 105 Communications - 1/2 503 Accounting 3 - 1/2 764 9th Grade Orchestra - 1 310 Biology - 1 504 Accounting 4 - 1/2 120 Amer Voices (sem 1) - 1/2 312 AP Biology - 1 765 10th Grade Orchestra - 1 121 Amer Exper (sem 2) - 1/2 316 Human Anat and Physiology-1 506 Business/Personal Law - 1/2 766 11/12 Philharmonic Orchestra - 1 508 Personal Finance - 1/2 768 EB Wire Choir - 1/2 124 British Literature - 1/2 320 General Chemistry - 1 126 Contemp Literature - 1/2 321 Pre-AP Chemistry - 1 512 Entrepneurship/Retail Mgt.-1 770 Fresh Choir (girls only) - 1 128 Science Fiction/Fantasy - 1/2 322 AP Chemistry - 1 771 Varsity Women's Choir - 1 513 Adv Entrepreneur Retail Mgt -1 130 World Literature - 1/2 326 AP Environmental Science -1 520 Marketing A - 1/2 772 Men's Choir - 1 138 AP English-Lang & Comp - 1 521 Marketing B - 1/2 330 General Physics - 1 773 Cardinal Choir - 1 535 Comp Applications 1 - 1/2 139 AP English-Lit & Comp - 1 331 AP Physics - 1 774 Vocal Jazz - 1 142 Intermediate Composition - 1/2 345 Science Ind Study - 1/2 or 1* 536 EB Comp Applications 1 - 1/2 775 EB Harmonics - 1** 143 EB Intermediate Comp - 1/2 537 Comp Applications 2 - 1/2 778 Music Technology - 1/2 144 Advanced Composition - 1/2 543 Information Processing 1 - 1/2 779 March Card Color Guard - 1/2 148 Multimedia Communications - 1 544 Information Processing 2 - 1/2 780 AP Music Theory - 1 545 Information Processing 3 - 1/2 902 Publications - Yearbook - 1* SOCIAL STUDIES 202 World History A - 1/2 TECHNOLOGY EDUCATION 203 World History B - 1/2 806 ABC's of Engineering - 1 **MATH** 214 US Hist 1900-1945 - 1/2 819 Power to Go - 1/2 216 US Hist 1945-Present - 1/2 820 Car Care - 1/2 410 Intro Algebra - 1 FAMILY/CONSUMER SCIENCES 220 American Government - 1/2 821 EB Car Care - 1/2 411 Algebra 1 - 1 601 Child Development (0-2) - 1/2 222 Economics - 1/2 822 Automotive Technology - 1 412 Inductive Geometry - 1 602 Child Development (3-5) - 1/2 223 EB Economics - 1/2 824 Adv Automotive Technology - 1 413 Geometry - 1 603 Parents & Children - 1/2 228 Topics in Amer History - 1/2 831 Introduction to CAD - 1/2 414 Survey of Mathematics - 1* 609 Working With Children ACCT-1/2 232 Psych of Human Behavior - 1/2 832 CAD Architectural - 1 415 Living Mathematically - 1 612 Independent Living - 1/2 235 Wisconsin History - 1/2 834 CAD Mechanical - 1 421 Algebra II - 1 614 Hobbies for Life - 1/2 836 I.P.C. CAD - 1* 236 Soc/Amer Problems - 1/2 422 Accelerated Algebra II - 1 615 Fashion, Textile, Constrc, Desgn-1/2 238 AP US Gov't & Politics -1 840 Electronics I - 1/2 430 Math Topics - 1/2 620 Good Eats (Foods IA) - 1/2 240 AP Psychology - 1 842 Electronics II - 1 432 Math Investigations I - 1/2 621 Family Foods (Foods IIA) - 1/2 256 AP U.S. History - 1 846 PC Paramedics - 1/2 433 Math Investigations II - 1/2 622 Foods / World (Foods IIB)-1/2 850 Graphics I - 1/2 436 Probability & Statistics - 1/2 623 Culinary Essen (Foods III) - 1/2 851 Graphics II - Design -1/2 439 Accelerated Trig - 1/2 853 Graphics II - Photography - 1/2 450 Tech Math -1/2 854 Graphics III - 1 451 Tech Math - 1 AGRISCIENCE 148 Multimedia Communications - 1* 458 Intro Calculus - 1 **FOREIGN LANGUAGES** 380 Plants/Pizza/Animals/You - 1/2 860 Metal Fabrication - 1/2 460 AP Calculus - level AB - 1 711 French I - 1 381 Animal Science - 1/2 862 Machine Metalworking - 1/2 462 Mathematical Research - 1 712 French II - 1 382 Fish & Wildlife Mgt - 1/2 864 Machine Tool Technology - 1 713 French III - 1 383 Plants/Landscape Design -1/2 866 Practical Welding - 1/2 714 French IV - 1 868 Welding Technology - 1 384 Small Animal Care - 1/2 715 French V - 1 870 Woodworking 1 - 1/2 385 Horse Care & Mgt - 1/2 386 Veterinarian Science - 1/2 731 Spanish I - 1 872 Woodwork 2-Cabinetmaking - 1/2 PHYSICAL EDUCATION 732 Spanish II - 1 873 Woodwork 2-Shapng/Refinsh -1/2 387 Outdoor Education - 1/2 006 Health – 1/2 388 You, Dollars & Decisions - 1/2 733 Spanish III - 1 874 Residential Construction - 1/2 009 Adaptive Phy Ed - 1/2 734 Spanish IV - 1 389 Ind Study - Agriscience-1/2 010 Freshman Phy Ed - 1/2 735 AP Spanish - 1 012 Summer Fresh Phy Ed - 1/2 741 Japanese I - 1 WORK RELEASE PROGRAMS 019 Club Fit - 1/2 742 Japanese II - 1 907 Non-Credit Work Release - 0 020 Gen Weight Training - 1/2 743 Japanese III - 1 950 Employability Skills Class - 1/2 021 Adv Weight Training - 1/2 746 Latin I - 1 VISUAL ART 951 Agricul Educ Co-opWrk Rel - 1 023 High Perform Phy Ed - 1/2 701 Introduction to Art - 1/2 747 Latin II - 1 953 Bus/Market Co-op Wrk Rel - 1 029 Lifetime Activities - 1/2 994 Man Comm/Sign Lang - 3/4* 702 Visual Arts/Crafts Studio - 1/2 955 Fam/Con Sci Co-op Wrk Rel - 1 031 Recreational Activities - 1/2 703 Ceramics Studio - 1/2 957 Tech Educ Co-op Wrk Rel - 1 032 EB Recreational Activities-1/2

103

HEALTH CARE

650 Health Science Occupations - 1/2

653 Cert Nursing Asst (sem 1) - 3/4*

654 Cert Nursing Asst (sem 2) - 3/4*

651 Health Care Youth Appr - 1/2

655 Medical Terminology - 3/4*

NON-DEPARTMENTAL

941 LIFE (sem 1) - 1/2 942 LIFE (sem 2) - 1/2

001 Study Hall (grade 9 only)

002 Study Hall (grades 10, 11, 12)

900 Living/Leadership/Freshmen - 1/2

909 Special Ed Classroom Asst - 1/2

704 Sculpture Studio - 1/2

706 Comp Imag/Anim - 1/2

708 Drawing Studio - 1/2

709 Painting Studio - 1/2

710 AP Studio Art - 1*

705 Adv Ceramics Studio - 1/2

707 Adv Comp Imag/Anim - 1/2

033 Team Sports - 1/2

034 EB Team Sports - 1/2

Non-Discrimination Statement

The Chippewa Falls Area School District does not discriminate against pupils on the basis of sex, race, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation, or physical, mental, emotional, or learning disability or handicap in its education program or activities. Federal law prohibits discrimination in employment on the basis of age, race, color, national origin, sex, or handicap. The district encourages informal resolution of complaints under this policy. If any person believes that the Chippewa Falls Area School District or any part of the school organization has failed to follow the law and rules of S. 118.13, Wis. Stats., or in some way discriminates against pupils on the basis listed above, he/she may bring or send a complaint to the administration office at the following address: 1130 Miles Street, Chippewa Falls, WI 54729.