

Little Falls Community High School

2019-2020 Registration Booklet



[Registration Website](http://www.lfchsregistration.weebly.com)
www.lfchsregistration.weebly.com

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Welcome to the 2019-2020 LFCHS registration guide. The information in this book is designed to help you make your course selections for next school year. There are 186 classes for you to choose from that are designed to expand, challenge, and inspire your learning. This is about your future. Our curriculum is focused on preparing you to be ready for college or to enter the workforce. College and Career Readiness is our goal. Your advisor and guidance office staff are here to assist you in your course selections. We also encourage you to involve your parents or guardians as you make these important decisions about your future.

General Instructions & Curriculum Changes

Our high school delivery system is based on eighteen-week periods called semesters with seven periods per day. The semester system, combined with a seven-period day, provides the student with more variety and flexibility in subject choice. At the same time, it demands more thought and care on the part of the student in making appropriate class choices. Students are urged to discuss their choice of classes with their parents, teachers, and our guidance counselor. In selecting classes, students should give thought to their overall high school program and to their post high school plans.

Note: Course offerings are dependent on the number of student registrations. Classes in this book may be dropped at the discretion of the school district.

Credit Requirements

Classes that are taught on the nine-week system each carry .5 credit while classes taught for a semester will receive 1 credit. For graduation year 2018 and beyond, students must successfully complete 50 semester credits, a combination of required courses and electives. It is the policy of the Little Falls Community High School not to discriminate on the basis of gender in its program offerings.

Post Secondary Enrollment Options (PSEO)

Postsecondary Enrollment Options (PSEO) is a program that allows 10th-, 11th- and 12th-grade students to earn both high school and college credit while still in high school, through enrollment in and successful completion of college-level, nonsectarian courses at eligible participating postsecondary institutions. Most PSEO courses are offered on the campus of the postsecondary institution; some courses are offered online. Each participating college or university sets its own requirements for enrollment into the PSEO courses. Eleventh and 12th-grade students may take PSEO courses on a full- or part-time basis; 10th graders may take one career/technical PSEO course. If they earn at least a grade C in that class, they may take additional PSEO courses.

There is no charge to PSEO students for tuition, books or fees for items that are required to participate in a course. Students must meet the PSEO residency and eligibility requirements and abide by participation limits specified in Minnesota Statutes, section 124D.09. If a school district determines a student is not on track to graduate, she/he may continue to participate in PSEO. Funds are available to help pay transportation expenses for qualifying students to participate in PSEO courses on college campuses. Schools must provide information to all students in grades 8-11 and their families by March 1, every year. Students must notify their school by May 30 if they want to participate in PSEO for the following school year.

For current information about the PSEO program, visit the Minnesota Department of Education's Postsecondary Enrollment Options (PSEO) webpage. <http://education.state.mn.us/MDE/StuSuc/CollReadi/PSEO/>

To increase the likelihood of student success, Minnesota State Colleges and Universities (MnSCU) has set the following standards for admission to PSEO (taken from the MnSCU website: <http://www.mnscu.edu/admissions/pseo.html>):

- High school seniors must be in the upper one-half of their class or score at or above the 50th percentile on the ACT or SAT.
- Juniors must be in the upper one-third of their class or score at or above the 70th percentile on a test, such as the ACT or SAT.
- Sophomores may enroll in a career or technical education course at a MnSCU college or university if they have attained a passing score or met the 8th grade standard on the 8th grade Minnesota Comprehensive Assessment in reading. They must also meet other course prerequisites or course enrollment standards established by the college. These standards include but are not limited to assessment test scores, program admission, or other requirements.
- If a sophomore receives a grade of C or better in the course, the student shall be allowed to take additional career or technical education courses in subsequent terms.
- A student who first enrolls under this provision while in 10th grade and wishes to enroll in general education courses as an 11th or 12th grade student must take the system Assessment for Course Placement and achieve the required scores prior to enrollment.
- Campuses may require eligible 10th grade PSEO students who wish to enroll in a career and technical course to meet with a college counselor or advisor.
- Colleges and universities may admit students based on other documentation of ability to perform college-level work.

Students may also provide other documentation of readiness to perform college-level work for review and approval by a college or university.

EXCEL Program

“Excellence Through Commitment to Education & Learning”

Our goal is to develop a habit of “Excellence” in our students. Through “Excellence” our students will develop the skills needed to be successful in the 21st Century. The EXCEL course is designed to allow students to individualize their course of study. Students can acquire academic skills needed to be successful, work toward credit recovery, and/or take an enrichment class of interest. Students interested in this course should contact the guidance office.

College in the High School (CIHS) / Advanced

Placement

The Enrollment Options program of the State of Minnesota has enabled high school juniors and seniors to enroll in college level courses and earn credits at no expense to the student. The CIHS Program provides a vital link between secondary schools and post-secondary institutions. The CIHS program offers college courses through Central Lakes College (CLC). Faculty and program administrators from CLC carefully monitor the courses to ensure that the CIHS program sections maintain standards identical to those of sections taught on the college campus. This program gives college-bound students a unique opportunity to gauge their ability to do college work in introductory freshman-level courses prior to full time college study. Seniors must have a 2.50 GPA and juniors must have a 3.00 GPA to be eligible to receive college credit. All students must take the Accuplacer test with cut off scores required for all courses. The college courses offered here at the Little Falls Community High School are:

Course No.

| | |
|------------|--|
| 3126, 3127 | College English/Intro to Literature (3) |
| 3136 | College Composition I (4) |
| 3137 | College Composition II (4) |
| 3230, 3231 | College Algebra/College Pre-Calculus (5) |
| 3232, 3233 | College Calculus (5) |
| 3320, 3321 | College Chemistry (4) |
| 3324 | College Environmental Biology (3) |
| 3330, 3331 | College Biology/Human Anatomy (3) |
| 3332, 3333 | College Physics (4) |
| 3431 | AP Microeconomics (3 or 4) |

| | |
|------|-----------------------------|
| 3567 | Art Appreciation (3) |
| 3610 | Accounting I (3) |
| 3614 | Marketing Principles (3) |
| 3623 | Money Management Skills (1) |

Central Lakes College has information on the CIHS program on their website at:

<http://www.clcmn.edu/cis>

College Credit For High School Courses Through Articulation Agreements In Career & Technical Courses

Students may earn college credit toward CLC's career and technical programs for courses taken in high school. An Advanced Standing Articulation Agreement is a contract with CLC that allows students who complete select high school level courses in a satisfactory manner to obtain free college-level credit for that course work.

CLC faculty members have worked with high school teachers to identify course competencies that are common at both the high school and college levels. Advanced standing courses are taught by high school instructors. College credit is obtained when the college receives the student's certificate of completion and high school transcript for the high school Advanced Standing course.

Advance Standing courses offer credit toward a career and technical program at CLC. This allows a student to earn college credit for achieving the technical skills while in high school. For more information, visit CLC's website: <http://www.clcmn.edu/cis/advancedstanding.html>

Upon high school graduation, students should work with their high school instructor(s) and counselor to obtain the College Credit Award certificate. Students may earn college credit in the identified Central Lakes College career and technical programs by receiving a grade of a "B" (80%) or better in the following high school courses:

Course No.

1502 Horticulture I

1521 Natural Resources III

1522 Horticulture II

1523 Forestry II

1529 Horticulture III
1581 Television/Video II
1584 Broadcast Media II
1601 Computer Apps II (CAP II)
1602 Computer Apps III (CAP III)
1615 Entrepreneurship II
1680 Early Childhood Education
1700 Digital Photography
1702 Small Gas Engines Tech
1711 Vocational Welding I
3721 Vocational Welding II
1712 Basic Vehicle Systems I
1713 Basic Vehicle Systems II
1720 Graphics & Animation
1722 Auto Tech I
1723 Auto Tech II
3610 Accounting I

Recommended Courses For College-Bound Students

1. Many colleges have admission requirements in academic subject areas. Some of the credits are in the required areas of English, social studies, mathematics, science and foreign language. Other colleges have admission requirements which combine various combinations of the above areas. Students should check with their counselor and college for more specific information on individual college requirements.
2. Recommendations usually involve at least three years of math including Higher Algebra, and one year of Geometry, four years of English, three years of science, three years of social studies, and two years of one foreign language.
3. Students entering the Minnesota State College and University System (MnSCU) may need to complete the following prep classes in order to be admitted:
 - A. Four years of English

- B. Three years of mathematics (two years of Algebra, of which one class is Higher Algebra, and one year of Geometry). **Four years of mathematics is required for the Universities of MN.**
- C. Three years of science (at least one year each of a Biological and a Physical Science and at least one course that includes significant laboratory experiences).
- D. Three and 1/2 years of social studies.
- E. Two years of world language.
- F. 2 credits of fine arts
- G. Exceptions: If students are admitted who have not completed all of the course requirements, they are required to make up deficiencies in the core requirements during the first year of enrollment and all other deficiencies during the second year of enrollment.
4. Biology, Chemistry and Human Anatomy are recommended for those who plan to pursue careers in nursing, health education, family and consumer science, pharmacy, medicine, or dentistry.
5. Agriculture and forestry students should have a strong background in biology and chemistry.
6. Engineering and architectural courses require Algebra, Geometry, Higher Algebra, and advanced mathematics (including Trigonometry). Physics, Chemistry, Calculus, and Mechanical Drafting are also recommended.
7. Business courses, especially Accounting and Marketing courses, are recommended for those who plan to go into any type of business or computer careers.

Tech Prep and Bridges Career Academies

Many of the elective areas at LFCCHS are structured in academies. An academy is a sequence of courses that provide a path for in-depth learning in a technical preparation field. LFCCHS is a member of the Bridges Academy which provides opportunities for students to build a bridge between school and the workplace. The Bridges Academy helps students understand the local career options they have in industries that will provide opportunity for employment. The Bridges Workplace Connection is a link between education and business providing structure for outcome-based and work-based learning experiences. Businesses, colleges, and high schools have come together to jumpstart a student's education down a career path by providing hands-on opportunities to experience a career and equip students with the skills needed for a lifetime of success.

Bridges Career Academies is a specific series of courses that offer students the knowledge and skills in a specific career. Academy courses provide integrated learning. Students combine technical, academic, and work skills specific to a chosen career. Courses are project-based with

hands-on learning activities. Students have practical learning opportunities throughout the courses that transfer to activities beyond the school day.

In a Bridges Career Academy, students experience the following:

- Learning opportunities in small community environments that provide a supportive atmosphere
- Curriculum that is sequenced and integrates academics and career-based learning
- Better preparation for employment and/or college course work
- Opportunity to earn dual credit (high school and college credits) that transfer to career programs
- Opportunity to participate in a business and industry experience such as taking a tour, participating in a job shadow, or listening to an industry speaker
- Opportunity to participate in a career academy that reflects the local businesses and industries

The benefits of enrolling in a Bridges Academy are that students will gain a solid academic foundation and a marketable skill. Students often enroll in college, but some enter the workforce with the skills they have learned in the Career Academy courses. Students are studying in a high-skill and/or high-wage industry and develop an understanding of the work environment. Students who complete a Career Academy, will be recognized at their high school graduation ceremony. The Academies are:

Advanced Natural Resources

Automotive Services

Business Management

Career Exploration

Carpentry Technology

Communications Technology

Construction Technology

Culinary Arts

Digital Photography

Finance

Health Sciences

Introduction to Natural Resources

Manufacturing

Marketing

Robotics

Visual Arts

Listed below is a website which also has information on the Bridges program:

<http://bridgesconnection.org>

Basic Outline for Graduation Requirements

Little Falls Community High School

| 9th Grade | | 10th Grade | |
|-----------------------------|------------|------------------------------|------------|
| Requirements | | Requirements | |
| English | 2 Credits | English | 2 Credits |
| Mathematics | 2 Credits | Mathematics | 2 Credits |
| Physical Education | 1 Credit | Physical Ed/Health | 1 Credit |
| Science | 2 Credits | Science | 2 Credits |
| Social Studies | 2 Credits | Social Studies | 2 Credits |
| Art | .5 Credit | Electives | 5 Credits |
| Steps 4 Success | .5 Credit | | |
| Electives | 4 Credits | | |
| Total | 14 Credits | Total | 14 Credits |

| 11th Grade | | 12th Grade | |
|------------------------------|------------|---|------------|
| Requirements | | Requirements | |
| English | 2 Credits | English | 2 Credits |
| Mathematics | 2 Credits | *Chemistry | 1 Credit |
| Science | 1 Credit | (Only if not taken in 11th grade) | |
| Chemistry | 1 Credit | Economics | 1 Credit |
| Social Studies | 2 Credits | Applied Higher Algebra if not taken Higher Algebra | |
| Electives | 6 Credits | Electives | 10 Credits |
| Total | 14 Credits | Total | 14 Credits |

Fine Arts - Students will need 2 credits between 9 and 12 grade. Please refer to course descriptions for selection of classes.

***Higher Algebra (1) credit required for graduation.

***Students must take one writing course between their junior and senior year.

Freshman Courses

credit value behind course name

Refer to course descriptions for more information.

REQUIRED CLASSES

English

Please select from:

1100 & 1101 English 9 (2)

1104 & 1105 Adv. English 9 (2)

Math

Please select from:

1200 & 1201 Beginning Algebra (2)

1202 & 1203 Intermediate Algebra (2)

1206 & 1207 Intermediate Algebra Self-Paced (2) - Teacher Approval

1214 & 1215 Geometry 9 (2)

Science

1300 & 1301 Gen. Physical Science (2)

Social Studies

1400 & 1401 American History (2)

Physical Education

1800 Indoor Fitness For Life 9 (.5)

1801 Outdoor Fitness For Life 9 (.5)

Careers

1971 Steps 4 Success (.5)

ELECTIVE CLASSES

Agriscience

1500 Exploring Agriscience (.5)

1501 Natural Resources I (.5)

1502 Horticulture I (.5)

1503 Forestry I (.5)

Art

1551 Intro. to Drawing (.5)

1552 Intro. to Sculpture (.5)

1553 Intro. to Painting (.5)

1700 Digital Photography (.5)

Flyer Media Production (.5) See Mr. Diehl or Mrs. Warner
(Band and/or Choir are a substitute for this requirement)

Business

1600 Computer Applications I (CAPI) (.5)

1601 Computer Applications II (CAP II) (.5)

1612 Intro. to Marketing 9 & 10 (.5)

Family and Consumer Science

1650 Foods I (.5)

1651 Foods II (.5)

1660 Interior Design (.5)

Industrial Technology

1701 Intro. to Welding (.5)

1702 Small Gas Engines Tech (.5)

1703 2D & 3D Drafting (.5)

1704 Exploratory Electricity (.5)

1705 Woods I (.5)

1715 Woods II (.5)

1727 "No Boys Allowed" (NBA) Shop Class (.5)

Music

1750 & 1751 Concert Band (2)

1752 & 1753 Concert Band/Women's Choir (2)

1766 & 1767 Women's Choir (2)

1768 & 1769 Men's Choir (2)

Physical Education

1831 Phy. Ed. Strength & Fitness I (.5)

1832 Phy. Ed. Strength & Fitness II (.5)

1837 GO (Girls Only) Strength & Fitness (.5)

1838 GO (Girls Only) Strength & Fitness (.5)

Science/Industrial Technology (The following three classes are for Industrial Tech credit ONLY)

1735 Robotics I (.5)

1736 Robotics II (.5)

1737 Robotics III (.5)

World Language

1880 & 1881 French I (2)

1890 & 1891 Spanish I (2)

Sophomore Courses

credit value listed behind course description

Refer to course descriptions for more information.

REQUIRED CLASSES

English

Please select from:

1110 & 1111 English 10 (2)

1114 & 1115 Adv. English 10 (2)

Math

Please select from:

1202 & 1203 Intermediate Algebra (2)

1210 & 1211 Applied Algebra (2)

1224 & 1225 Geometry (2)

1228 & 1229 Higher Algebra 10 (2)

Science

1310 & 1311 Biology (2)

Social Studies

1422 & 1423 World History (2)

Physical Education

1810 Physical Education 10 (.5)

1811 Health 10 (.5)

ELECTIVE CLASSES

Agriscience

1500 Exploring Agriscience (.5)

1501 Natural Resources I (.5)

1502 Horticulture I (.5)

1503 Forestry I (.5)

1510 Animal Science I (.5)

1512 Natural Resources II (1)

1526 Harvesting the School Garden (.5)

1527 Planning & Planting the School Garden (.5)

1531 Leadership & Career Development (.5)

Art

1551 Intro. to Drawing (.5)

1552 Intro. to Sculpture (.5)

1553 Intro. to Painting (.5)

1560 Drawing I (.5)

1561 Drawing II (.5)

1562 Ceramics I (.5)

1563 Ceramics II (.5)

1564 Watercolor Painting (.5)

1565 Acrylic Painting (.5)

1566 Art Journaling (.5)

1567 Ceramics I Plus II (1)

1576 Sculpture I (.5)

1580 Television/Video I (1)
1581 Television/Video II (1)
1583 Broadcast Media I (1)
1584 Broadcast Media II (1)
1700 Digital Photography (.5)
1590 Advanced Digital Photography (.5)
Flyer Media Production (.5) See Mr. Diehl or Mrs. Warner

Business

1600 Computer Applications I (CAPI) (.5)
1601 Computer Applications II (CAP II) (.5)
1602 Computer Applications III (CAP III) (.5)
1603 Intro. to Video Game Design (.5)
1611 Sales Promotion (.5)
1612 Intro. to Marketing 9 & 10 (.5)
1616 Marketing II (.5)
1614 Entrepreneurship I (.5)
1615 Entrepreneurship II (.5)
1622 Advanced Marketing (.5)
1625 Sports and Entertainment Marketing 10-12th (.5)
School Store (.5) See Mr. Kaluza

Family and Consumer Science

1650 Foods I (.5)
1651 Foods II (.5)
1652 International Foods (.5)
1660 Interior Design (.5)
1670 Outdoor Gear (.5)

Industrial Technology

1701 Intro. to Welding (.5)
1702 Small Gas Engines (.5)
1703 2D & 3D Drafting (.5)

1704 Exploratory Electricity (.5)
1705 Woods I (.5)
1706 Intro. to Manufacturing Processes (1)
1710 Graphics & Webpage Design (.5)
1712 Basic Vehicle Systems I (.5)
1713 Basic Vehicle Systems II (.5)
1714 Blueprint Creation & Reading (.5)
1715 Woods II (.5)
1716 Woods III (.5)
1717 Building Construction I (.5)
1727 NBA Shop Class (.5)
1730 Career Exploration (.5)
1732 Intro. to Metals (.5)
1940, 1941 & 1942 Flyer Publishing (.5)

Music

1750 & 1751 Concert Band (2)
1752 & 1753 Concert Band/Women's Choir (2)
1754 & 1755 Wind Symphony (2)
1764 & 1765 Concert Choir (2)
1766 & 1767 Women's Choir (2)
1768 & 1769 Men's Choir (2)
1772 American Pop Music (.5)

Physical Education

1831 Phy. Ed. Strength & Fitness I (.5)
1832 Phy. Ed. Strength & Fitness II (.5)
1833 Phy. Ed. Strength & Fitness III (.5)
1834 Phy. Ed. Strength & Fitness IV (.5)
1837 GO (Girls Only) Strength & Fitness (.5)
1838 GO (Girls Only) Strength & Fitness (.5)

Science

1331 Intro. to Computer Science (1)

Science/Industrial Technology (The following three classes are for Industrial Tech credit ONLY)

1735 Robotics I (.5)

1736 Robotics II (.5)

1737 Robotics III (.5)

World Language

1880 & 1881 French I (2)

1851 & 1852 French II (2)

1890 & 1891 Spanish I (2)

1892 & 1893 Spanish II (2)

Junior Courses

credit value listed behind course description

Refer to course descriptions for more information.

REQUIRED CLASSES

English

Students Must Select At Least 1 Writing Course Between Junior And Senior Year.

Writing Courses:

1124 Creative Writing (1)

1125 Writing Essentials (1)

1126 Vocational Communication (1)

1127 ACT and College Prep (1)

Literature Courses:

1140 Contemporary Literature (1)

1141 Young Adult & Children's Literature (1)

1142 Adventure & Outdoor Literature (1)

1143 Science Fiction & Dystopian Literature (1)

1144 Mythology (1)

3126 & 3127 College English - Intro to Lit (2)

Math

Please select from:

1204 & 1205 Applied Geometry (2)

1210 & 1211 Applied Algebra (2)

1224 & 1225 Geometry (2)

1226 & 1227 Higher Algebra (2)

3230 & 3231 College Pre-Calculus (2)

Science

1318 Standards-Based Chemistry (1)

1320 & 1321 Chemistry (2)

1324 Environmental Studies I (1)

13240 Environmental Studies I (I) **zero hour**

1325 Environmental Studies II (1)

1326 Astronomy (1)

1327 Meteorology (1)

1328 Unveiling The Universe (1)

1331 Intro. to Computer Science (1)

1340 Health Science Occupations (2)

3320 & 3321 College Chemistry (2)

3324 College Environmental Biology (1)

3330 & 3331 College Bio./Human Anat. (2)

Social Studies

1410 World Regional & Cultural Geography (1) **AND**

1420 American Civics (1)

ELECTIVES

Agriscience

1500 Exploring Agriscience (.5)

1501 Natural Resources I (.5)

1502 Horticulture I (.5)
1503 Forestry I (.5)
1510 Animal Science I (.5)
1512 Natural Resources II (1)
1520 Animal Science II (1)
1521 Natural Resources III / Bridges (1)
1522 Horticulture II (1)
1523 Forestry II (1)
1526 Harvesting the School Garden (.5)
1527 Planning & Planting the School Garden (.5)
1528 Ag. Business Management (.5)
1529 Horticulture III (1)
1530 Supervised Agricultural Experience (.5)
1531 Leadership & Career Development (.5)

Art

1551 Intro. to Drawing (.5)
1552 Intro. to Sculpture (.5)
1553 Intro. to Painting (.5)
1560 Drawing I (.5)
1561 Drawing II (.5)
1562 Ceramics I (.5)
1563 Ceramics II (.5)
1564 Watercolor Painting (.5)
1565 Acrylic Painting (.5)
1566 Art Journaling (.5)
1567 Ceramics I Plus II (1)
1570 Community Art (.5)
1571 Advanced Studio Art (.5)
1576 Sculpture I (.5)
1580 Television Video Production I (1)

1581 Television Video Production II (1)
1583 Broadcast Media I (1)
1584 Broadcast Media II (1)
1700 Digital Photography (.5)
1590 Advanced Digital Photography (.5)
3567 Art Appreciation (1)
Flyer Media Production (.5) See Mr. Diehl or Mrs. Warner

Business

1600 Computer Applications I (CAPI) (.5)
1601 Computer Applications II (CAP II) (.5)
1602 Computer Applications III (CAP III) (.5)
1603 Intro. to Video Game Design (.5)
1611 Sales Promotion (.5)
1613 Intro. to Marketing 11 & 12 (.5)
1614 Entrepreneurship I (.5)
1615 Entrepreneurship II (.5)
1616 Marketing II (.5)
1621 Business & Criminal Law (.5)
1622 Adv. Marketing (.5)
1625 Sports & Enter. Marketing 10-12th (.5)
3610 Accounting I (1)
1626 Accounting II (.5)
3614 Marketing Principles (1)
3623 Money Management Skills (.5)
School Store (.5) See Mr. Kaluza

Family and Consumer Science

1650 Foods I (.5)
1651 Foods II (.5)
1652 International Foods (.5)
1653 Culinary Arts I (1)

1654 Culinary Arts II (1)
1660 Interior Design (.5)
1670 Outdoor Gear (.5)
1672 Quilting (1)
1680 Early Childhood Education (1)

Industrial Technology

1701 Intro. to Welding (.5)
1702 Small Gas Engine Tech (.5)
1703 2D & 3D Drafting (.5)
1704 Exploratory Electricity (.5)
1705 Woods I (.5)
1706 Intro. to Manufacturing Processes (1)
1710 Graphics & Web Page Design (.5)
1711 Voc. Welding I (1)
1712 Basic Vehicle Systems I (.5)
1713 Basic Vehicle Systems II (.5)
1714 Blueprint Creation & Reading (.5)
1715 Woods II (.5)
1716 Woods III (.5)
1717 Building Construction I (.5)
1718 Building Construction II (1)
1720 Graphics & Animation (1)
1722 Auto Technology I (1)
1723 Auto Technology II (2)
1725 Voc. Furniture & Case I (1)
1726 Voc. Furniture & Case II (1)
1727 NBA Shop Class (.5)
1730 Career Exploration (.5)
1732 Intro. to Metals (.5)
3721 Vocational Welding II (1)

1940, 1941 & 1942 Flyer Publishing (.5)

OJT (on the job training) 1 period

OJT (on the job training) 2 periods

Morrison County High Tech Workforce Development Center

Intro. to Engineering Design (3)

Intro. to Graphic Design (3)

AG Food Science (3)

Crop Science/Agronomy (3)

General Automotive Service (G.A.S.) (3)

Music

1750 & 1751 Concert Band (2)

1752 & 1753 Concert Band/ Women's Choir (2)

1754 & 1755 Wind Symphony (2)

1764 & 1765 Concert Choir (2)

1766 & 1767 Women's Choir (2)

1768 & 1769 Men's Choir (2)

1772 American Pop Music (.5)

Advanced Special Ensemble

Physical Education

1812 Healthy Lifestyles (.5)

1820 & 1822 Phy. Ed.- Indoor Sports (.5)

1821 & 1823 Phy. Ed.- Outdoor Sports (.5)

1830 Phy.Ed. - Fitness Thru Music (.5)

1831 Phy. Ed.- Strength & Fitness I(.5)

1832 Phy. Ed.- Strength & Fitness II (.5)

1833 Phy. Ed.- Strength & Fitness III (.5)

1834 Phy. Ed.- Strength & Fitness IV(.5)

1836 Active Officiating (.5)

1837 GO (Girls Only) Strength & Fitness (.5)

1838 GO (Girls Only) Strength & Fitness (.5)

Science/Industrial Technology (The following three classes are for Industrial Tech credit ONLY)

1735 Robotics I (.5)

1736 Robotics II (.5)

1737 Robotics III (.5)

Social Studies

1434 Advanced Psychology (1)

1435 Advanced Sociology (1)

1436 History of Sports (.5)

1437 The Decades of The 1960s & 70s (.5)

1438 Current Events (.5)

World Language

1880 & 1881 French I (2)

1851 & 1852 French II (2)

1853 & 1854 French III (2)

1890 & 1891 Spanish I (2)

1892 & 1893 Spanish II (2)

1894 & 1895 Spanish III (2)

Study Halls

1950 (quarter 1), 1951 (quarter 2) 1952 (quarter 3), 1953 (quarter 4)

Senior Courses

credit value behind course name

Refer to course descriptions for more information.

REQUIRED CLASSES

English

Select 2 courses:

1124 Creative Writing (1)

1125 Writing Essentials (1)

1126 Vocational Communication (1)
1127 ACT and College Prep (1)
3136 College Comp. I (1)
3137 College Comp. II (1)
3138 College Comp. I Split College Calculus (1.5)
3139 College Comp. II Split College Calculus (1.5)
1140 Contemporary Literature (1)
1141 Young Adult & Children's Literature (1)
1142 Adventure & Outdoor Literature (1)
1143 Science Fiction & Dystopian Literature (1)
1144 Mythology (1)

Economics

1430 Economics (1) **OR**
3431 AP Microeconomics (1) **OR**
1630 Economics in Business (1)

ELECTIVES

Agriscience

1500 Exploring Agriscience (.5)
1501 Natural Resources I (.5)
1502 Horticulture I (.5)
1503 Forestry I (.5)
1510 Animal Science I (.5)
1512 Natural Resources II (1)
1520 Animal Science II (1)
1521 Natural Resources III / Bridges (1)
1522 Horticulture II (1)
1523 Forestry II (1)
1526 Harvesting the School Garden (.5)
1527 Planning & Planting the School Garden (.5)
1528 Agriculture Business Management (.5)

- 1529 Horticulture III (1)
- 1530 Supervised Agricultural Experience (.5)
- 1531 Leadership & Career Development (.5)

Art

- 1551 Intro. to Drawing (.5)
- 1552 Intro. to Sculpture (.5)
- 1553 Intro. to Painting (.5)
- 1560 Drawing I (.5)
- 1561 Drawing II (.5)
- 1562 Ceramics I (.5)
- 1563 Ceramics II (.5)
- 1564 Watercolor Painting (.5)
- 1565 Acrylic Painting (.5)
- 1566 Art Journaling (.5)
- 1567 Ceramics I Plus II (1)
- 1570 Community Art (.5)
- 1571 Advanced Studio Art (.5)
- 1576 Sculpture I (.5)
- 1580 Television Video Prod. I (1)
- 1581 Television Video Prod. II (1)
- 1583 Broadcast Media I (1)
- 1584 Broadcast Media II (1)
- 1700 Digital Photography (.5)
- 1590 Advanced Digital Photography (.5)
- 3567 Art Appreciation (1)
- Flyer Media Production (.5) See Mr. Diehl or Mrs. Warner

Business

- 1600 Computer Applications I (CAPI) (.5)
- 1601 Computer Applications II (CAP II) (.5)
- 1602 Computer Applications III (CAP III) (.5)

1603 Intro. to Video Game Design (.5)
1611 Sales Promotion (.5)
1613 Intro. to Marketing 11 & 12 (.5)
1614 Entrepreneurship I(.5)
1615 Entrepreneurship II (.5)
1616 Marketing II (.5)
1621 Business & Criminal Law (.5)
1622 Adv. Marketing (.5)
1625 Sports & Enter. Marketing 10-12th(.5)
3610 Accounting I (1)
1626 Accounting II (.5)
3614 Marketing Principles (1)
3623 Money Management Skills (.5)
School Store (.5) See Mr. Kaluza

Family & Consumer Science

1650 Foods I (.5)
1651 Foods II (.5)
1652 International Foods (.5)
1653 Culinary Arts I (1)
1654 Culinary Arts II (1)
1660 Interior Design (.5)
1670 Outdoor Gear (.5)
1672 Quilting (1)
1680 Early Childhood Education (1)

Industrial Technology

1701 Intro. to Welding (.5)
1702 Small Gas Engine Tech. (.5)
1703 2D & 3D Drafting (.5)
1704 Exploratory Electricity (.5)
1705 Wood I (.5)

1706 Intro. to Manufacturing Processes (1)
1710 Graphics and Web Page Design (.5)
1711 Voc. Welding I (1)
1712 Basic Vehicle Systems I (.5)
1713 Basic Vehicle Systems II (.5)
1714 Blueprint Creation & Reading (.5)
1715 Woods II (.5)
1716 Woods III (.5)
1717 Building Construction I (.5)
1718 Building Construction II (1)
1720 Graphics & Animation (1)
1722 Auto Technology I (1)
1723 Auto Technology II (2)
1724 Intro To Heavy Equipment (.5)
1725 Voc. Furniture & Case I (1)
1726 Voc. Furniture & Case II (1)
1727 NBA Shop Class (.5)
1730 Career Exploration (.5)
1732 Intro. to Metals (.5)
3721 Vocational Welding II (1)
OJT (on the job training) 1 period
OJT (on the job training) 2 periods
Senior Internship 3 periods (3)
1940, 1941 & 1942 Flyer Publishing (.5)

Morrison County High Tech Workforce Development Center

Intro. to Engineering Design (3)
Intro. to Graphic Design (3)
AG Food Science (3)
Crop Science/Agronomy (3)
General Automotive Service (G.A.S.) (3)

Math

1204 & 1205 Applied Geometry (2)
1210 & 1211 Applied Algebra (2)
1212 Applied Higher Algebra (1)
1224 & 1225 Geometry (2)
1226 & 1227 Higher Algebra (2)
1230 Senior Math Topics (1)
3230 & 3231 College Pre-Calculus (2)
3232 & 3233 College Calculus (3)

Music

1750 & 1751 Concert Band (2)
1752 & 1753 Concert Band/Women's Choir (2)
1754 & 1755 Wind Symphony (2)
1764 & 1765 Concert Choir (2)
1766 & 1767 Women's Choir (2)
1768 & 1769 Men's Choir (2)
1772 American Pop Music (.5)
Advanced Special Ensemble

Physical Education

1812 Healthy Lifestyles (.5)
1820 & 1822 Phy. Ed.- Indoor Sports (.5)
1821 & 1823 Phy. Ed.- Outdoor Sports (.5)
1830 Phy. Ed. - Fitness thru Music (.5)
1831 Phy. Ed.- Strength & Fitness I(.5)
1832 Phy. Ed.- Strength & Fitness II (.5)
1833 Phy. Ed.- Strength & Fitness III (.5)
1834 Phy. Ed.- Strength & Fitness IV (.5)
1836 Active Officiating (.5)
1837 GO (Girls Only) Strength & Fitness (.5)

1838 GO (Girls Only) Strength & Fitness (.5)

Science

1318 Standards-Based Chemistry (1)

1320 & 1321 Chemistry (2)

1324 Environmental Studies I (1)

1325 Environmental Studies II (1)

13240 Environmental Studies (1) zero hour

1326 Astronomy (1)

1327 Meteorology (1)

1328 Unveiling The Universe (1)

1331 Intro. to Computer Science (1)

1340 Health Science Occupations (2)

3320 & 3321 College Chemistry (2)

3324 College Environmental Biology (1)

3330 & 3331 College Bio./Human Anat. (2)

3332 & 3333 College Physics (2)

Science/Industrial Technology (The following three classes are for Industrial Tech credit ONLY)

1735 Robotics I (.5)

1736 Robotics II (.5)

1737 Robotics III (.5)

Social Studies

1434 Advanced Psychology (1)

1435 Advanced Sociology (1)

1436 History of Sports (.5)

1437 The Decades of The 1960s & 70s (.5)

1438 Current Events (.5)

World Language

1880 & 1881 French I (2)

1851 & 1852 French II (2)

1853 & 1854 French III (2)

1890 & 1891 Spanish I (2)

1892 & 1893 Spanish II (2)

1894 & 1895 Spanish III (2)

1896 & 1897 Spanish IV (2)

Study Halls

1950 (quarter 1), 1951 (quarter 2) 1952 (quarter 3), 1953 (quarter 4)

English Department

ENGLISH 9

No. 1100 & 1101 | Course Credit: 2 | Grade Level: 9

This course is appropriate for the student who has experienced average success in past English and language arts courses. The focus of this course is literature as we study short stories, drama, the novel, and informational text throughout the year. Students will learn and practice basic sentence, paragraph, and essay structures and will discover how to improve their writing through the six traits. Basic mechanics rules will be covered as they apply to writing. In addition, vocabulary units and grammar found on the ACT exam will be covered.

ADVANCED ENGLISH 9

No. 1104 & 1105 | Course Credit: 2 | Grade Level: 9

This class is appropriate for students who have demonstrated a higher ability in, and greater desire for, an in-depth approach to the study of English and the language arts. Literature, informational text, writing, media literacy, and language are integrated and developed throughout the course. The class's curriculum is the vehicle to reach two ultimate goals for students: to analyze critically with higher level thinking skills and to challenge themselves to grow every day as a learner and person, in this diverse, complex world.

ENGLISH 10

No. 1110 & 1111 | Course Credit: 2 | Grade Level: 10

This course is appropriate for the student who has experienced average success in past English and language arts classes. Students will continue to focus on literature as we study short stories, drama, the novel, and informational text throughout the year. Students will practice basic sentence, paragraph, and essay structures. Students will understand the basic uses of punctuation in formal language as they continue to hone their skills in creating a variety of sentences. During the first semester, students will give a 3-7 minute informational speech. During the second semester, students will give a 5-8 minute persuasive speech.

ADVANCED ENGLISH 10

No. 1114 & 1115 | Course Credit: 2 | Grade Level: 10

Students successful in the advanced setting and demonstrating a strong, independent work ethic will enjoy an intense genre-based curriculum. The course focuses on the study of different literary forms with an emphasis on developing critical reading skills and enhancing their writing process, which emphasizes the six traits of writing.

College in the High School 11th/12th Grade Choices

Junior Year Course

COLLEGE ENGLISH - INTRO TO LIT

(Prerequisite: No. 1114 & 1115 with a “B” or higher)

****IF a student hasn’t had Advanced English 10, he / she will need to complete a special application for consideration into the college course.***

No. 3126 & 3127 | Course Credit: 2 (3 college credits) | Grade Level: 11

ACCUPLACER requirement: Score at least 56 in Reading

Advanced College English/Literature is a course offered for college credit through our College in the High School Program (CIHS). The course will involve the study of modern literature as well as classical literature. American and world novels will be studied along with poetry, short stories, nonfiction, and drama. Work outside of class will be frequent, as classroom time will be devoted to student collaboration, discussion, and analysis. Grades will be based upon written analysis, classroom discussion in both small and large groups, oral presentations, projects, and exams. Thematically, students will explore a given piece of literature while making connections with short stories, poetry, and informational text. Upon successful completion of this course, the student will earn three college credits from Central Lakes College in Brainerd. Students may not take No. 3127 unless they have passed No. 3126.

Senior Year Courses

COLLEGE COMPOSITION I

(Prerequisite: No. 3126 with a “B” or higher)

No. 3136 | Course Credit: 1 (4 college credits) | Grade Level: 12

ACCUPLACER requirement: Score at least 78 in Reading

College Composition I is a college-level, writing-intensive course sponsored by Central Lakes College that prepares students for writing effectively in a variety of academic and professional situations. Participants will regularly engage in all steps of the writing process and will hone their ability to identify thesis, audience, tone, unity, coherence, and emphasis in various texts and in their own writing. Students will learn and employ a variety of rhetorical strategies, including (but not limited to) description, narration, exemplification, classification, process analysis, and comparison/contrast. In addition, students will complete a career unit, which includes

developing a resume and cover letter as well as participating in a mock interview. Finally, the course will include a literature component to review basic terminology and foster critical thinking skills.

COLLEGE COMPOSITION II

(Prerequisite: No. 3136 with a “C-” or higher)

No. 3137 | Course Credit: 1 (4 college credits) | Grade Level: 12

ACCUPLACER requirement: Score at least 78 in Reading

Composition II focuses on research-based writing and information literacy. Students will learn the principles of the academic research process such as developing a topic, understanding and applying outside sources, and defining and supporting a critical lens. During that process, students will learn how to locate, access, evaluate, and synthesize traditional and online library resources. Throughout the course, students will demonstrate a command of the writing and revision processes and become skilled in the use of both the American Psychological Association (APA) and the Modern Language Association (MLA) formats. Students will demonstrate these skills through formal research papers of 7-12 pages. After completing the papers, each student will develop a 10-15 minute oral presentation for the class detailing their research findings. Additionally, students will write two essays and complete a creative group project.

COLLEGE COMPOSITION I SPLIT COLLEGE CALCULUS

(Prerequisite: No. 3126, 1122/1123 or English teacher recommendation)

No. 3138 | Course Credit: 1.5 (4 college credits) | 75 Minute Class | Grade Level: 12

ACCUPLACER requirement: Score at least 78 in Reading

College Composition I is a college-level, writing-intensive course sponsored by Central Lakes College in Brainerd that prepares students for writing effectively in a variety of academic and professional situations. Participants will regularly engage in all states of the writing process and will hone their ability to identify thesis, audience, tone, unity, coherence, and emphasis in their reading and writing. Students will learn and employ a variety of rhetorical strategies, including (but not limited to) description, narration, exemplification, classification, process analysis, and comparison/contrast. In addition, students will be asked to complete a career unit, which includes developing a resume and cover letter as well as participating in a mock interview. Finally, the course will include a literature component to review basic terminology and foster critical thinking skills.

COLLEGE COMPOSITION II SPLIT COLLEGE CALCULUS

(Prerequisite: No. 3136)

No. 3139 | Course Credit: 1.5 (4 college credits) | 75 Minute Class | Grade Level: 12

ACCUPLACER requirement: Score at least 78 in Reading

Composition II focuses on research-based writing and information literacy. Students will learn the principles of the academic research process such as developing a topic, understanding and applying outside sources, and defining and supporting a critical lens. During that process, students will learn how to locate, access, evaluate, and synthesize traditional and online library resources. Throughout the course, students will demonstrate a command of the writing and revision processes and the American Psychological Association (APA) and the Modern Language Association (MLA) formats. Students will demonstrate these skills through formal research papers of 7-12 pages. After completing the papers, each student will develop a 10-15 minute oral presentation for the class detailing the research findings. Additionally, students will write two essays and complete a creative group project.

Juniors and Seniors will enroll in 2 English courses each year. They cannot enroll in the same course repeatedly. Students must choose at least one writing course and three other courses to complete their junior and senior year requirements.

Writing Courses

CREATIVE WRITING

No. 1124 | Course Credit: 1 | Grade Level: 11 - 12

This course is created for students who have mastered basic writing skills and wish to continue to stretch and challenge themselves as writers. Writing styles to explore include memoir, literary nonfiction, essay, poetry, and drama.

WRITING ESSENTIALS

No. 1125 | Course Credit: 1 | Grade Level: 11 - 12

This composition course will introduce effective writing strategies for the college bound student. This course builds on the development of writing skills with major emphasis on the writing process: pre-writing, composing, revising, and proofreading. Writing experiences will include narrative, persuasive, descriptive, business writing, literary analysis and research. The writing process will focus upon the development of ideas, organization, voice, sentence fluency, word choice and grammar / mechanics. All writing (drafts, editing, final copies, rewrites, self-evaluations) will be kept in a portfolio.

VOCATIONAL COMMUNICATION

(Not NCAA eligible.)

No. 1126 | Course Credit: 1 | Grade Level: 11 - 12

The purpose of this course will be to improve one's "soft skills" – attributes for success in the workplace. Focus will be on professional communications such as email, memo and letter writing, applications, resumes, and reports. Technical reading and writing will also be a focus. Students will also have further opportunity to practice communication skills in the form of interviews and workplace scenarios.

ACT AND COLLEGE PREP

(Not NCAA eligible.)

No. 1127 | Course Credit: 1 | Grade Level: 11 - 12

This course is appropriate for the student who has experienced average success in past English and language arts courses. The focus of this course is literature as we study short stories, drama, the novel, and informational text throughout the year. Students will learn and practice basic sentence, paragraph, and essay structures and will discover how to improve their writing through the six traits. Basic mechanics rules grammar, and ACT Prep vocabulary will be covered as they apply to writing.

This English language arts course offers students the opportunity to prepare for the three ACT English tests (English grammar and rhetoric, reading, and writing) through intensive, focused study. In addition to completing practice tests on the English and reading sections, students will learn and practice test-taking strategies for answering questions and managing time.

Literature Courses

CONTEMPORARY LITERATURE

No. 1140 | Course Credit: 1 | Grade Level: 11 - 12

Pulling from popular titles of *The New York Times* and Barnes & Noble best sellers, this course is for students interested in exploring current American literature based on contemporary issues, themes, and writers.

YOUNG ADULT & CHILDREN'S LITERATURE

(Not NCAA eligible.)

No. 1141 | Course Credit: 1 | Grade Level: 11 - 12

Throughout the course, students explore the history and elements of children's and young adult literature. We will move from folk and fairy tales to picture books, easy readers, and chapter

books, to award winning young adult literature. Short stories and nonfiction articles will be used to study literacy development, censorship, cultural diversity, award winners, and teen issues of today's world.

ADVENTURE & OUTDOOR LITERATURE

No. 1142 | Course Credit: 1 | Grade Level: 11 - 12

This course is an exploration of genres including writings in outdoor adventure, nature, the environment, travel, and survival. Popular themes in this course are exploration, survival, hunting, water travel, and mountaineering.

SCIENCE FICTION & DYSTOPIAN LITERATURE

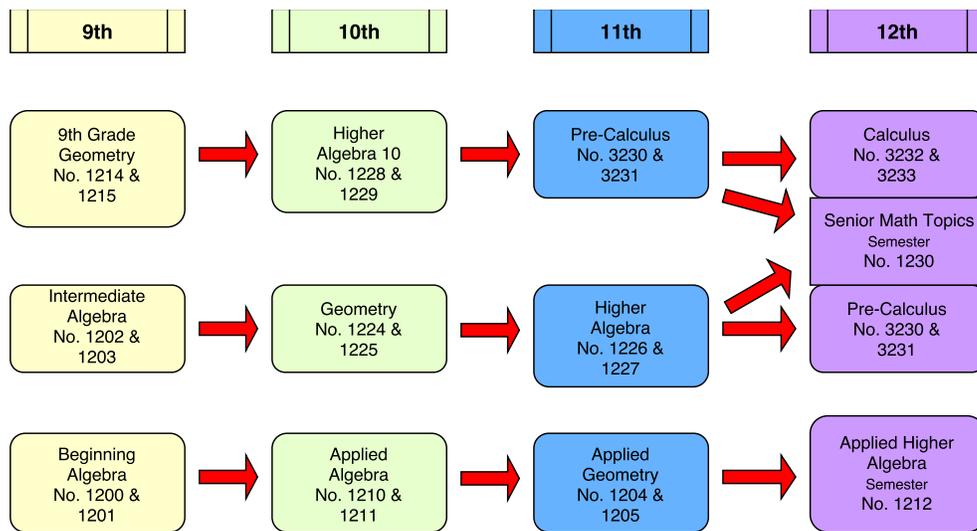
No. 1143 | Course Credit: 1 | Grade Level: 11 - 12

Examining dystopian novels similar to *Z for Zachariah*, *Fahrenheit 451*, or *The Hunger Games*, the class will consider the history and themes of science fiction and dystopian literature along with political and cultural concerns of society today.

MYTHOLOGY

No. 1144 | Course Credit: 1 | Grade Level: 11 - 12

This course will explore a variety of texts involving mythology from various cultures including Greek, Egyptian, Norse, and Native American. In this course, students will explore mythic patterns such as the quest, the hero's journey, and the magic transformation.



Math Department

BEGINNING ALGEBRA

No. 1200 & 1201 | Course Credit: 2 | Grade Level: 9

This class is for the student who needs to develop the skills necessary to move on to Intermediate Algebra.

This course will have three major focuses: 1) Algebra: Analyzing and representing linear functions, solving linear equations and systems of linear equations 2) Geometry and Measurement: Analyzing two and three dimensional space and figures by using distance and angle 3) Data Analysis and Number and Operations: Analyzing and summarizing data sets. The course topics include properties of numbers, fractions, decimals, data analysis, problem solving, ratios, proportions, and percents. It also includes a study of geometry, probability, statistics, sequence, exponents, and polynomials.

INTERMEDIATE ALGEBRA

(Prerequisite: No. 1200)

No. 1202 & 1203 | Course Credit: 2 | Grade Level: 9 - 10

The content of *Intermediate Algebra* is organized around families of functions, with special emphasis on linear and quadratic functions. As you study each family of functions, you will learn to represent them in multiple ways - as verbal descriptions, equations, tables, and graphs. You will also learn to model real-world situations using functions in order to solve problems arising from those situations. In addition, probability and data analysis will be covered. These math topics often appear on standardized tests, so maintaining your familiarity with *Intermediate Algebra* is important.

INTERMEDIATE ALGEBRA SELF-PACED

(Teacher Approval)

No. 1206 & 1207 | Course Credit: 2 | Grade Level: 9

The content of Intermediate Algebra is organized around families of functions, with special emphasis on linear and quadratic functions. As you study each family of functions, you will learn to represent them in multiple ways - as verbal descriptions, equations, tables, and graphs. You will also learn to model real-world situations using functions in order to solve problems arising from those situations. In addition, probability and data analysis will be covered. These math topics often appear on standardized tests, so maintaining your familiarity with Intermediate Algebra is important. This section is a self-paced course where students must show proficiency before accepting a new task. Students take ownership of learning, continuously pursuing and demonstrating knowledge and skills. Students will also understand the importance of roles and responsibilities within a collaborative process/organization, and have the ability to lead formally and informally while collaborating. A student in this course needs to be flexible, open minded, confident and adaptable when working with and receiving feedback from others, while remaining open to communicating with a variety of people, familiar and unfamiliar.

APPLIED ALGEBRA

(Prerequisite: No. 1200)

No. 1210 & 1211 | Course Credit: 2 | Grade Level: 10 - 12

Students must have successfully completed Beginning Algebra or Intermediate Algebra to enroll in APPLIED ALGEBRA. Any student who has completed Geometry or Higher Algebra must check with the APPLIED ALGEBRA instructor before enrolling in these classes. Videos demonstrating math in the work place, hands-on labs, and application problems will be used during each course. Students will use problem-solving skills for application in Agriculture and

Agribusiness, Business and Marketing, FACS, Health Occupations, and Industrial Technology. Topics that will be covered include formulas, solving equations, nonlinear functions, graphing data and inequalities, and probability and statistics.

GEOMETRY 9

No. 1214 & 1215 | Course Credit: 2 | Grade Level: 9th grade only

This is an advanced course designed for 9th grade students who intend to take Calculus as a senior. Enrollment in this course requires approval of the student's 8th grade Algebra teacher and grades of no lower than a B in 8th grade Algebra. In Geometry, you will develop reasoning and problem solving skills as you study topics such as congruence and similarity, and apply properties of lines, triangles, quadrilaterals, and circles. You will also develop problem solving skills by using length, perimeter, area, surface area, and volume to solve real-world problems. In addition, there will be numerous examples and problems involving algebra, data analysis, and probability. These math topics often appear on standardized tests, so maintaining your familiarity with them is important.

GEOMETRY

(Prerequisite: No. 1202)

No. 1224 & 1225 | Course Credit: 2 | Grade Level: 10 - 12

In Geometry, you will develop reasoning and problem solving skills as you study topics such as congruence and similarity, and apply properties of lines, triangles, quadrilaterals, and circles. You will also develop problem solving skills by using length, perimeter, area, surface area, and volume to solve real-world problems. In addition, there will be numerous examples and problems involving algebra, data analysis, and probability. These math topics often appear on standardized tests, so maintaining your familiarity with them is important.

APPLIED GEOMETRY

(Prerequisite: No. 1202 or No. 1210)

No. 1204 & 1205 | Course Credit: 2 | Grade Level: 11 - 12

Students must have successfully completed Applied Algebra before taking this class. Concepts covered include logic and reasoning, similarity and congruence, polygons, circles, ratio and proportion, trigonometry, coordinate geometry, and three-dimensional geometry.

HIGHER ALGEBRA 10

(Prerequisite: No. 1214 & 1215)

No. 1228 & 1229 | Course Credit: 2 | Grade Level: 10

This is an advanced course designed for 10th grade students who intend to take Calculus as a senior. This course is a continuation of the material covered in algebra and geometry. The content of Higher Algebra is organized around families of functions, with special emphasis on linear, quadratic, exponential, logarithmic, radical, rational, and trigonometric functions. In addition, conic sections, series and sequences will be introduced. As you study each family of functions, you will learn to represent them in multiple ways - as verbal descriptions, equations, tables, and graphs. You will also learn to model real-world situations using functions in order to solve problems arising from those situations. Students planning to attend college should consider this course. Mathematics, science, engineering, and business are a few of the professions for which this course would be very helpful.

HIGHER ALGEBRA

(Prerequisite: No. 1224)

No. 1226 & 1227 | Course Credit: 2 | Grade Level: 11 - 12

This course is a continuation of the material covered in algebra and geometry. The content of Higher Algebra is organized around families of functions, with special emphasis on linear, quadratic, exponential, logarithmic, radical, rational, and trigonometric functions. As you study each family of functions, you will learn to represent them in multiple ways - as verbal descriptions, equations, tables, and graphs. You will also learn to model real-world situations using functions in order to solve problems arising from those situations. Students planning to attend college should consider this course. Mathematics, science, engineering, and business are a few of the professions for which this course would be very helpful.

APPLIED HIGHER ALGEBRA

(Prerequisite: No. 1204 and No. 1205)

No: 1212 | Course Credit: 1 | Grade Level: Senior ONLY

This course is a Minnesota State Standards-based Higher Algebra course. This course will emphasize real world usable skills in design, finance, and life topics. Math topics will include fraction and decimal operations, linear and higher order functions, exponential equations, and Trigonometry. This course allows for time to discuss and explore math topics of interest to the students and allows for growth in areas that fit the students needs. **This course is mandatory for any senior who has not completed the state requirement for Higher Algebra.**

SENIOR MATH TOPICS

(Prerequisite No. 1212 or 1226)

No: 1230 | Course Credit: 1 | Grade Level 12

This is a semester class for a senior who may not need any math credits but does not want to take a year off of math his/her senior year. **The most important thing YOU can take from this class is the feeling that YOU are now in control of YOUR mathematical education.** This course is intended to refresh YOUR memory of topics studied previously; to maintain YOUR strong knowledge base of mathematics; to deepen YOUR understanding of the concepts normally taught in a high school setting; and hopefully, to entice YOU to enjoy math as a subject area and encourage YOU to be a lifelong learner. Topics may include: History of Mathematical concepts, Problem Solving and Methods of Learning Mathematics, Probability and Statistics, Geometry not commonly taught in the High School Setting, and Programming, (as well as other topics YOU decide we should study. This class does fulfill a math graduation requirement.

COLLEGE PRE-CALCULUS

(Prerequisite: No. 1226 or 1229)

No. 3230 & 3231 | Course Credit: 2 (5 college credits) | Grade Level: 11 - 12

Need ACCUPLACER Score in College Math of at least 50 or ACT of 22 on Math portion in order to receive college credit.

This course is highly recommended if you are attending college or a vocational school in a high tech field. Pre-Calculus provides a review and solidification of Algebra. Special emphasis is given to graphing with a graphing calculator. The continuation of this course will cover trigonometry. It will study radians, the unit circle, trig. functions, and their inverses and trig. identities. Other topics covered are matrices, sequences, series, and probability.

COLLEGE CALCULUS

(Prerequisite: No. 3230)

No. 3232 & 3233 | Course Credit: 3 (5 college credits) | 75 Minute Class | Grade Level: 12

Must have earned college credit in pre-calc to be eligible to earn college credit in calculus.

This VERY RIGOROUS college level course incorporates all previously MASTERED MATHEMATICAL TOPICS. The course and its pacing are established in coordination with the CIHS program. Every concept covered will build upon the previous one; it is VERY IMPORTANT NOT TO GET BEHIND. Students begin with a QUICK REVIEW of Algebra (function notation and binomial expansion), Geometry (formulas), and Trigonometry (unit circle

and trigonometric identities). Students will work with the Cartesian plane to develop the concept of limits and their properties. This study leads directly to the concept of differentiation, related to equations of tangent lines to curves, velocity, acceleration, and other rates of change. Utilizing the Fundamental Theorem of Calculus, the student will study indefinite and definite integrals and their applications. Areas of study will include logarithmic functions, exponential functions, trigonometric functions, techniques of integration, methods of finding volumes of rotation, and surface area. Shell and disk methods of integration provide students an opportunity to visualize three-dimensional mathematics. A major goal for the course is to empower each student to leave with a broad base of interest and knowledgeable to succeed in future mathematics study at the college level. A student may also earn college credit, provided that he/she meets these requirements.

Science Department

GENERAL PHYSICAL SCIENCE

No. 1300 & 1301 | Course Credit: 2 | Grade Level: 9

Physical science is divided into two areas: Chemistry and Physics. Chemistry is the study of matter, its structure, and the changes it undergoes. Physics is related to the relationship between matter and energy. This course is required for graduation.

BIOLOGY

No. 1310 & 1311 | Course Credit: 2 | Grade Level: 10

Biology is designed to consider unifying principles and help students gain a general understanding of life processes and an increased appreciation for life itself. Some of the topics covered include: General Principles, Population and Resource Ecology, Cellular Biology, Genetics, Evolution, Microorganisms, Botany, Human Biology, and Introductory Anatomy and Physiology.

STANDARDS-BASED CHEMISTRY

No. 1318 | Course Credit: 1 | Grade Level: 11 - 12

This one (1) semester chemistry class is an option to complete the requirement for chemistry standards that were partially filled in 9th grade science. Topics include: significant figures, electron configurations, periodic trends, organic chemistry and hydrocarbons, calculating molar mass and conversions between mass, moles and particles, percent composition and empirical formulas, solubility and finding concentration of a solution, using activity series of ions to

determine if a chemical reaction has taken place, chemical stoichiometry, and reaction rate and factors that affect reactions. Students must pass either this course or chemistry to graduate. *If you are uncertain which chemistry course is for you, please watch the video that explains the differences between the courses.*

CHEMISTRY

No. 1320 & 1321 | Course Credit: 2 | Grade Level: 11 - 12

This full year chemistry class is an option to complete the requirement for chemistry grad standards. This course provides students with an opportunity to study the relationships among matter, energy, and structure. Some topics included are: measurement, classification of matter, formula writing, qualitative and quantitative problem-solving, atomic theory, chemical bonding, gas behavior, and acid-base relationships. Lab opportunities are included. Students must pass both semesters to graduate. The completion of or concurrent enrollment in higher algebra or other advanced mathematics course is strongly recommended. You must have completed and passed geometry and algebra before taking this class. *If you are uncertain which chemistry course is for you, please watch the video that explains the differences between the courses.*

COLLEGE CHEMISTRY

No. 3320 & 3321 | Course Credit: 2 (4 college credits) | Grade Level: 11 - 12

ACCUPLACER requirement: Score of at least 56 in Reading

This full year chemistry class is an option to complete the requirement for chemistry grad standards. Juniors with a cumulative 3.0 GPA or seniors with a cumulative 2.5 GPA can earn college credit through Central Lakes College. You will complete objectives for topics including: measurement, classification of matter, atomic structure and theory, bonding, stoichiometry, gases, solutions, and acids and bases. Lab opportunities are included. Students must pass both semesters to graduate. The completion of or concurrent enrollment in higher algebra or other advanced math course is strongly recommended. This course goes at a much more rapid pace than regular chemistry. Student work is held to a higher standard and students must be motivated to complete more work and do more learning on their own time. Students who struggle in math tend to struggle in this course. *If you are uncertain which chemistry course is for you, please watch the video that explains the differences between the courses.*

ENVIRONMENTAL STUDIES I

No. 1324 | Course Credit: 1 | Grade Level: 11 - 12

This is a second-level biology course that gives students the opportunity to learn about and explore the natural world. Topics included are: introduction to environmental systems,

biodiversity, stream ecology, oceanography, the importance of top predators, and conservation ecology. A number of hands-on learning experiences are included in this class.

No. 13240 Zero Hour Option

The zero hour class will meet on Monday, Wednesday, Friday for lab and lecture. On Tuesday and Thursday students will not meet but will be required to do an hour of online work.

ENVIRONMENTAL STUDIES II

No. 1325 | Course Credit: 1 | Grade Level: 11 - 12

This is a second-level biology course which will focus on Ornithology, the study of birds. This course, intended for those with a true interest in birds, concentrates on the identification of birds by sight and sound, bird anatomy, nesting habits, and habitat. We will also seek to understand environmental dilemmas facing various species. Also covered in this course: Ecology, Mammals, and Alternative Energy. Field trips will be an integral part of our studies. Students are also required to participate in a community service project of their choice.

ASTRONOMY

No. 1326 | Course Credit: 1 | Grade Level: 11 - 12

Humans once thought Earth was at the center of the universe, Mars was inhabited, and our galaxy *was* the universe. Come and discover how we now know that Earth is not the center of anything. Mars most likely was a wet world back in the day and maybe had simple life but no evil aliens. The universe is much larger and more vast than we can ever imagine, and we know how the universe sprang into existence 13.8 billion years ago. Come learn about the greatest show on Earth, *The Universe*. You will also discover how the solar system formed, design a colony on Mars, and be able to locate planets in the night sky and identify constellations.

METEOROLOGY

No. 1327 | Course Credit: 1 | Grade Level: 11 - 12

Why does an east wind usually mean precipitation is likely? Why is it not the heat but the humidity that is more critical to weather matters? Take a journey into the atmosphere and learn about the powers that drive weather. Explore how temperature, pressure, humidity, precipitation, and wind make the weather what it is. Learn how to read a weather map and predict weather. What makes severe weather stand out from regular weather? Become a master at spotting severe weather and know how to be safe.

UNVEILING THE UNIVERSE

No. 1328 | Course Credit: 1 | Grade Level: 11 - 12

Seniors and Juniors: Are you curious about the universe? Do you like to create digital presentations? Are you okay with doing a little public speaking? Sign up for a beta astronomy class. Enroll in this special astronomy class that will, for the most part, be just like the regular astronomy class. You can read that course description if you are unsure what astronomy entails.

What's Different?: You will share the projects you have created during the school day with adults who have signed up for an evening class. Registering for this course will require 7-10 evenings of commitment on your part. These evenings will be later in the semester.

What's in it for you?: To account for your evening time commitment this astronomy class will only run 4 days a week while the evening class is in session.

If you are thinking about going into education you should seriously consider taking this course.

These projects/presentations will be completed in partnerships; sign up with a friend. See Mr. Ward for more details.

ROBOTICS I

No. 1735 | Course Credit: .5 | Grade Level: 9 - 12

The purpose of this class is to introduce students to the amazing field of Robotics. In this class students will be using the First Robotics Competition (FRC) to learn design and planning using Autodesk Inventor. They will also learn programming using basic and Arduino software and other engineering practices to build a robot and compete at the FRC competition. **This course is ONLY offered for Industrial Tech credit.**

ROBOTICS II

(Prerequisite 1735)

No. 1736 | Course Credit: .5 | Grade Level: 9 - 12

In this course students will continue to advance their programming skills using Java and/or C++. This course will also increase drafting skills with the use of Autodesk Inventor Professional. Other lab topics covered are: 3-D printing, pneumatics, electronics, and CNC controlled mills and lathes. **This course is ONLY offered for Industrial Tech credit.**

ROBOTICS III

(Prerequisite 1735 & 1736)

No. 1737 | Course Credit: .5 | Grade Level: 9 -12

In this course students will primarily focus on chasis design, chasis development, and building chasis. Other activities may include wiring your chasis to drive. Students will also use Java and LabVIEW to hone their programming skills. **This course is ONLY offered for Industrial Tech credit.**

COLLEGE ENVIRONMENTAL BIOLOGY

No. 3324 | Course Credit: 1 (3 college credits) | Grade Level: 11 - 12

ACCUPLACER requirement: Score of at least 56 in Reading

Students will learn to describe the principles of natural ecology, analyze and evaluate environmental concerns, and articulate strategies for achieving sustainability in this course.

COLLEGE BIOLOGY/HUMAN ANATOMY

No. 3330 & 3331 | Course Credit: 2 (3 college credits) | Grade Level: 11 - 12

ACCUPLACER requirement: Score of at least 56 in Reading.

Students will demonstrate an understanding of how humans fit into the natural world, the process of science, how to evaluate a scientific claim, and the role of science in society. Students will demonstrate a chemical, cellular, and system-level understanding of current health issues. Students will also apply the biological understanding of current health issues to make informed personal and political decisions. Students will be able to articulate a personal ethics of decision-making based on scientific information. The course will contain many dissections.

COLLEGE PHYSICS

No. 3332 & 3333 | Course Credit: 2 (4 college credits) | Grade Level: 12

Successful completion of the first semester of pre-calc. is required /ACT of 24 / Accuplacer 63 or above for math / C or better in College Algebra.

This course will provide opportunities for students to develop, explore, and use mathematical and physical models to develop qualitative and quantitative understandings of motion, forces, momentum, kinetic and potential energy, energy and work, states of matter, waves, light, sound, electricity, electromagnetism, the atom, and atomic and nuclear physics.

HEALTH SCIENCE OCCUPATIONS

No. 1340 | Course Credit: 2 | 2-Hour Block – 1 Semester | Grades 11 - 12

Students enrolled in this course will participate in a unique partnership between Little Falls High School and various community health care organizations. Using the traditional classroom, guest speakers and on-site experiences, students will have a greater understanding of the growing healthcare industry and careers. Students will be introduced to the world of health careers varying from doctors to home health assistants. Students will also study the history and present state of healthcare, successful and essential behaviors of healthcare workers, as well as legal and ethical issues in healthcare. A major component of this course is participation in the healthcare core curriculum that aligns with state and national standards for the preparation of students interested in healthcare. You can also earn a Nursing Assistant Registered (NA) certificate that provides the skills needed to be successful in multiple health careers.

INTRO TO COMPUTER SCIENCE

(Algebra I preferred)

1331 | Course Credit: 1 | Grade Level: 10 - 12

An interactive introductory course for students brand new to programming that teaches the foundations of computer science using the Python language. Not only will this semester (or) year-long course prepare students for AP Computer Science and AP Computer Science Principles, but it will teach students how to think computationally and solve complex problems, skills that are important for every student.

Social Department

AMERICAN HISTORY

No. 1400 & 1401 | Course Credit: 2 | Grade Level: 9

This course is chronological in scope covering the period from the turn of the 20th century through the present. Important persons, places, events, and concepts are studied.

WORLD HISTORY

No. 1422 & 1423 | Course Credit: 1 | Grade Level: 10

This course is a survey of the ancient and not so ancient world. The student will be introduced to the civilizations which shaped the ancient world as well as the transfer of power from the Middle East to Europe.

WORLD REGIONAL & CULTURAL GEOGRAPHY

No. 1410 | Course Credit: 1 | Grade Level: 11

In this human/cultural geography course students will study how humans interact with and alter the earth over time. An emphasis on current events and geopolitics or the ways in which nations interact with each other over natural resources, economies, political systems, population and migration patterns and militaries are examined. Students will compete in Fantasy Geopolitics and try to secure micro loans to fully comprehend their impact on the world.

AMERICAN CIVICS

No. 1420 | Course Credit: 1 | Grade Level: 11

This course is a study of the origins, development, structure, and functions of the American political system. Topics include constitutional framework and origins, The Bill of Rights, Federalism, the three branches of government, civil rights and liberties, political participation and elections, and civic duties and responsibilities. Upon completion students should be able to demonstrate an understanding of the basic concepts and participatory processes of the American political system. Basic concepts of state and local government and their relationships with the federal government are also examined.

ECONOMICS

No. 1430 | Course Credit: 1 | Grade Level: 12

Economics will give students a brief view of the American Economy and comparative systems. An examination of resources, scarcity, and choice provide the framework for an introductory observation of the dismal science. Further analysis of supply and demand, the role of government, and simple microeconomic and macroeconomic divisions will be emphasized. And of course, just a little economic theory and creative discussion are good for the mind as well.

ADVANCED PSYCHOLOGY

No. 1434 | Course Credit 1 | Grade Level 11 - 12

This course is an introductory course in the study of psychology. We will study a host of basic and introductory psychological theories, methods, and practices.

ADVANCED SOCIOLOGY

No. 1435 | Course Credit: 1 | Grade Level: 11 - 12

This course presents a survey of major theoretical perspectives, research models, basic concepts and ideas, and primary focal points of concern. Finally, we will analyze the relationships between individuals and social groups ranging from social stratification to social control and social deviance.

HISTORY OF SPORTS

No. 1436 | Course Credit .5 | Grade Level: 11 - 12

Students will examine the place sports holds in a variety of cultures throughout history. Focus will be placed on sport as a reflection of the social, political, and economic institutions of particular societies with attention given to the impact of sports on social class, race, gender, community, and the interaction of sports and the media.

THE DECADES OF THE 1960S AND '70S

No. 1437 | Course Credit .5 | Grade Level: 11 - 12

This course will look at two of the most influential decades in American History. We will look at how these years shaped the U.S. as it stands today. Topics ranging from assassination/music/war/disco/political corruption will be discussed.

CURRENT EVENTS

No. 1438 | Course Credit .5 | Grade Level: 11 - 12

Using current events, this elective course focuses on world and local issues that affect students' everyday lives, such as economics, government and conflict. This course uses newspapers, online media, cartoons, and newscasts to support class discussion. Additionally students participate in group projects, presentations and work with primary source materials and opinion pieces in order to better understand the world around them.

AP MICROECONOMICS

No. 3431 | Course Credit 1 | Grade Level: 12

Advanced Placement Microeconomics is designed to replicate an introductory Microeconomics college course and is intended to extend a student's economic skill set beyond the normal high school experience. This is a one-semester course and each student is expected to take the AP Microeconomics exam that is administered in May. Successful achievement on the AP exam (score of a 3, 4, or 5) allows the student to earn college credit relative to each specific university's policy towards AP exams. The course content will be closely aligned to the Advanced Placement Microeconomics course curriculum developed by the College Board. In mastering economic thinking, students will be expected to analyze statistical evidence, interpret graphic evidence, develop models, utilize simple math functions, and think critically. Furthermore, students will be expected to construct written diagnosis of economic concepts with clarity and precision in preparation for AP essay examination. This class will be offered in the spring. **There is a \$94 fee to take the AP exam.**

Agriscience Department

EXPLORING AGRISCIENCE

No. 1500 | Course Credit: .5 | Grade Level: 9 - 12

This is an introductory class in Agriscience. Students will have an opportunity to learn about the areas of agriculture including: soils, animals, plants, and biotechnologies of energy and food.

NATURAL RESOURCES I

No. 1501 | Course Credit: .5 | Grade Level: 9 - 12

This course will examine areas of energy, wildlife, forestry, fisheries, and resource conservation as well as introduce students to the world of plants. Students should have an interest in nature and how natural systems interact in the world around us.

NATURAL RESOURCES II

(Prerequisite: No. 1501)

No. 1512 | Course Credit: 1 | Grade Level: 10 - 12

This course gives students an opportunity to explore the world around them in units including: insects, prairies, wetlands, waterfowl, white-tailed deer, soils, lakes and fish, as well as mammals of Minnesota.

NATURAL RESOURCES III / BRIDGES

(This course meets the science requirement for graduation.)

(Prerequisite: No. 1501 & No. 1512)

No. 1521 | Course Credit: 1 | Grade Level: 11 - 12

Students will be involved in many hands-on activities in natural resources including:

- (1) Habitat structures and ecology
- (2) Prairie ecology/seeding/maintenance
- (3) Exotic Species
- (4) Ecology of certain species – bluebirds, wood ducks, walleye
- (5) Small animal telemetry
- (6) Forestry trail-making and tree-planting
- (7) Water testing streams and rivers of the Crane Meadows Watershed

Successful completion **may** gain students 3 credits in NATR 1200 through Central Lakes College

FORESTRY I

No. 1503 | Course Credit: .5 | Grade Level: 9 - 12

This course deals with the many possibilities of forest management. This course involves forest history, tree identification, measuring trees for value, as well as deciding how to manage your woods for saw logs, pulp, or wildlife. The outdoors is emphasized.

FORESTRY II

(Prerequisite: No. 1503)

No. 1523 | Course Credit: 1 (3 articulated CLC credits) | Grade Level: 11 - 12

This class gives students hands-on opportunities in maple syrup production, log furniture construction, tree planting and transplanting, timber stand improvements, and trail making. Chain saw operation and harvesting techniques will be emphasized once safety and performance tests are passed.

ANIMAL SCIENCE I: Biology and Technology

(This course meets the Science requirement for graduation.)

No. 1510 | Course Credit: .5 | Grade Level: 10 - 12

This course explores many different kinds of both wild and domesticated animals. Animal taxonomy, domestication, nutrition, reproduction, behavior, and agricultural production are explored. Some dissections may be included.

ANIMAL SCIENCE II

(This course meets the science requirement for graduation.)

(Prerequisite: No. 1510)

No. 1520 | Course Credit: 1 | Grade Level: 11 - 12

This course studies topics surrounding dairy, beef, swine, poultry, horses, companion, and specialty animals. Students will explore topics in veterinary care, including basic anatomy and physiology, diseases, pathogen prevention, digestion, reproduction, and nutrition. Dissection of fetal pigs and other specimens will be performed.

HORTICULTURE I

No. 1502 | Course Credit: .5 (3 articulated CLC credits) | Grade Level: 9 - 12

In this course we will explore the main areas of horticulture such as: plant parts and their functions, plant identification, plant propagation, garden design, and plant maintenance such as pruning, feeding, and general care of a yard.

HORTICULTURE II

(This course meets the science requirement for graduation.)

(Prerequisite: No. 1502)

No. 1522 | Course Credit: 1 (3 articulated CLC credits) | Grade Level: 11 - 12

In this class students will cover horticulture topics including: requirements for plant growth regulation and reproduction, the growing media, plant care, Integrated Pest Management, and the skills needed to work within a greenhouse. Included will be plant taxonomy, genetics, research and development.

HORTICULTURE III

(Prerequisite: No. 1502 & No. 1522)

No. 1529 | Course Credit: 1 (may receive 3 Central Lakes College credits) | Grade Level: 11-12

This is a Central Lakes College horticulture (HORT 1104) course that focuses on plant biology and propagation. This course is a survey of the biological considerations for growing and caring for plants. This class will cover plant characteristics and biology, soil considerations, propagation, and caring for and using ornamental plants and flowers. Successful completion **may** gain students 4 credits in HORT 1104 through Central Lakes College.

HARVESTING THE SCHOOL GARDEN

(Recommended: No. 1502)

No. 1526 | Course Credit: .5 | Grade Level: 10 - 12

In this course students will have the opportunity to experience growing and harvesting vegetables from the school garden and in a high tunnel, which is a polyethylene greenhouse we have right here on campus. We will use what we harvest at the Little Falls Schools for our lunch programs. The experience of food safety and learning to harvest your own healthy vegetables is waiting for you. Experiential learning and leadership development will both be expected.

PLANNING & PLANTING THE SCHOOL GARDEN

(Recommended: No. 1502)

No. 1527 | Course Credit: .5 | Grade Level: 10 - 12

In this course students will have the opportunity to experience growing vegetables in our school garden and on-campus high tunnel. Students will plan, plant, grow, and maintain vegetable crops that will be used here at Little Falls Schools for our lunch programs. The experience of

learning to grow your own healthy vegetables is waiting for you. Experiential learning and leadership development will both be expected.

AGRICULTURE BUSINESS MANAGEMENT

No. 1528 | Course Credit .5 | Grade Level: 11 - 12

Do you like the idea of learning about agricultural markets, production costs, bottom line profits, record keeping, and profit-loss statements? This course teaches students the application of business principles to real-world issues and opportunities within the agricultural and life sciences industries.

SUPERVISED AGRICULTURAL EXPERIENCE

No. 1530 | Course Credit .5 | Grade Level: 11-12

Students enrolled in Supervised Agricultural Experience will have an opportunity to work in the production or agri-business areas. Students will be placed in a work experience. Satisfactory work and regular attendance is required. Students must check in regularly and keep track of hours and wages. **Instructor permission required. See Mrs. Berlin or Mr. Petrowitz if interested.**

LEADERSHIP & CAREER DEVELOPMENT

No. 1531 | Course Credit: .5 | Grade Level: 10 - 12

In this course students will develop their leadership skills through various activities. Students will investigate career opportunities and how to prepare for success including resume building, interview preparation, and personal goal setting.

Art Department

INTRODUCTION TO DRAWING

No. 1551 | Course Credit: .5 | Grade Level: 9 - 12

Welcome to art where you will experience and explore a wide variety of art materials. This course serves as an introduction to flat mediums of art. Using the elements of design as our primary focus, students will be exposed to many art concepts needed in drawing, collage, and 2-dimensional mediums. Exposure to historical aspects of art will be incorporated into this class.

DRAWING I

(Prerequisite: No 1551)

No. 1560 | Course Credit: .5 | Grade Level:10 - 12

Drawing is the basic language that an artist uses in order to create any work of art. This class is designed for students in their first year of drawing. Skills from direct observation, still-life, landscape, and architectural forms will be emphasized along with further understanding of design principles, critical thinking, and problem solving. Concepts and techniques of black and white mediums will be a focus of this class. A variety of drawing techniques and media will be explored, including pencil, ink, charcoal, and pastel. **Fee \$15.00**

DRAWING II

(Prerequisite: No. 1560)

No. 1561 | Course Credit: .5 | Grade Level:10 - 12

Students will expand skills acquired in Drawing I with strong emphasis on observational skills. You will explore new mediums and techniques using color while focusing on compositional elements of design and strengthening problem-solving skills. Opportunities will be given to students for experimentation with specific mediums as well as more in-depth subject matter as development of personal style evolves throughout the course. Contemporary trends in art will be integrated within the course to enrich student knowledge and awareness. **Fee \$5.00**

INTRODUCTION TO SCULPTURE

No. 1552 | Course Credit: .5 | Grade Level: 9 - 12

Do you like to build things with your hands? In this course, students will explore multiple sculpture materials and techniques including (but not limited to) clay, plaster, and paper mache. Basic art elements and design principles will be explored as they relate to 3-dimensional art. This class will also explore the history of sculpture.

CERAMICS I

(Prerequisite: No. 1552)

No. 1562 | Course Credit: .5 | Grade Level: 10 - 12

Are you ready to get your hands dirty? This course is an introduction to 3-dimensional mediums. Students will learn about the elements and principles of pottery and sculpture and use them to create hand-built projects using clay and various materials. Students will look into the world of great sculptors in art history. **Fee \$15.00**

CERAMICS II

(Prerequisite: No. 1562)

No. 1563 | Course Credit: .5 | Grade Level: 10 – 12

3-dimensional thinking is what students need for this class. In this class, you will have an in-depth experience with pottery and sculpture. Wheel throwing and advanced sculpture techniques will be the focus of this course to refine your artistic skills. **Fee \$15.00**

CERAMICS I PLUS II

No. 1567 | Course Credit 1 | Grade Level 10 - 12

FORMERLY POTTERY & SCULPTURE I PLUS II

Do you find your art classes end too quickly? This course combines knowledge and projects of both Ceramics I and II into one longer course. This course will be one quarter for two class periods. This allows for more time building sculptures. You will explore all major clay building techniques including the pottery wheel and learn about art history through influential sculptors. **Fee \$30.00**

SCULPTURE I

(Pre-requisite: No. 1552)

No. 1576 | Course Credit: .5 | Grade Level 10-12

Everything but clay.... The goal of this art class is to develop our perception of space by exploring how sculpture interacts with the surrounding environment. We will be learning how to manipulate a variety of tactile materials, possibly including: wire, plaster, paper, wood, “found objects”, adhesives, and more! Students will also be involved in planning, revising, and reflection processes. **Fee \$15.00**

INTRODUCTION TO PAINTING

No. 1553 | Course Credit .5 | Grade Level: 9 - 12

FORMERLY PAINTING FUNDAMENTALS

Welcome to the world of paint and color! This course is an introduction to the wide world of painting materials. Learn about acrylic and watercolor painting while exploring how color affects our experience of art. We will use basic art elements and design principles in our paintings. Influential painters will also be discussed. **Fee \$5.00**

WATERCOLOR PAINTING

(Prerequisite: No. 1553 & 1560)

No. 1564 | Course Credit: .5 | Grade Level: 10 – 12

Watercolor is probably the most satisfying of all the painting mediums. Although different in the beginning, after practice its mysteries will unfold. This in-depth study of watercolor painting will expose students to the various watercolor techniques to further an understanding of the medium.

Fee \$15.00

ACRYLIC PAINTING

(Prerequisite: No. 1553 & 1560)

No. 1565 | Course Credit .5 | Grade Level 10 - 12

Acrylic painting as a medium of expression is the focus of this class. Many technical skills and techniques of painting will be taught and developed through the medium of painting. Color theory, perception, composition, and specific techniques in handling acrylics will be the tasks of the painter in this course. Several subject matters will be explored including compositions of the students' own creations. **Fee \$20.00**

ART JOURNALING

(Prerequisite: No. 1551 and No. 1552)

No. 1566 | Course Credit .5 | Grade Level 10 - 12

Art Journaling is a class designed to explore the world of journal as art. Students will have the opportunity to use artistic decisions to graphically and verbally organize personal and social art journals that focus on the unique characteristics of the student artists as well as their art and ideas. Students will employ text, sketches, (mixed and multi-media), book making, collages, photographs, scrapbooking, and Web 2.0 tools, that best meet the artistic needs of the students in their learning to innovatively and communicatively document reflective, explorative, and creative ideas. **Fee \$10.00**

COMMUNITY ART

(Prerequisite: No. 1561 or No. 1563)

No. 1570 | Course Credit: .5 | Grade Level: 11 - 12

Leave your legacy on our school! The Community Art class is designed to allow students an opportunity to participate in a group art project that will be displayed in the school and/or

community for many years to come. This class will create a work of art in one of the following areas: mural, mosaic, or sculpture. Group participation is a must.

ADVANCED STUDIO ART

(Prerequisite: No. 1561 or No. 1563)

No. 1571 | Course Credit: .5 | Grade Level: 11 - 12

Push yourself to create original art in this class. This class is designed as an in-depth independent study in one of the following areas: drawing, painting, design, pottery, sculpture, mural art, or video production. Students will explore a theme in art that will unify their projects. They must be responsible and motivated to succeed in this environment. This course may be taken one time per quarter up to a total of eight times. **Fees are based on selected projects.**

TELEVISION/VIDEO I

No. 1580 | Course Credit: 1 | Grade Level: 10 - 12

Lights... Camera... Action! Dive into the exciting world of television and video production. See what it takes to produce a video. Students will work in the areas of performance, production, and operations as well as learn the elements of media arts. Many secrets and tricks of the trade will be revealed. Students will produce videos that may be aired in school, on the school web site, or to the community through public access television. Program genres may include sequences, montages, short stories, and public service announcements. **Students are required to provide their own SD card.**

TELEVISION/VIDEO II

(Prerequisite: No. 1580)

No. 1581 | Course Credit: 1 (3 articulated CLC credits) | Grade Level: 10 - 12

Use your movie making skills to create some fun projects! This class is an extension of the skills learned in TV/Video Production I. Now that you know how to produce a video, you will get a chance to apply that knowledge in your own films. Productions may include short films, music videos, commercials, and many others. These videos may be aired in school, on the school web site, or in the community through public access television. **Students are required to provide their own SD card.**

BROADCAST MEDIA I

No. 1583 | Course Credit: 1 | Grade Level: 10 - 12

Show Time! This class will produce the Flyer Flight Time Show. You will be introduced to the elements and principles of media arts. All aspects of broadcast will be explored from planning, behind the camera, production, and being an on air personality. Students will create media packages and learn the art of telling a story through video. Join us and share your talents.

Students are required to provide their own SD card.

BROADCAST MEDIA II

(Prerequisite: No. 1583)

No. 1584 | Course Credit: 1 (3 articulated CLC credits) | Grade Level: 10 - 12

Advance your knowledge and participation in broadcast media arts. This class will further utilize your video production skills. This class will produce a variety of weekly and monthly programs as well as individual projects. These programs may be shown throughout the school on the television system and could be shown to the community on public access television. **Students**

are required to provide their own SD card.

FLYER MEDIA PRODUCTION

See Mr. Diehl or Mrs. Warner | Course Credit: .5 | Grade Level: 9 - 12

The Flyer Media Productions course is a unique opportunity to be part of the award-winning broadcast team that provides live coverage of District events on local television and to the global audience on YouTube. Students will learn how to set up and operate a live broadcast from equipment, to graphics all the way through the live production. Students in this course will earn a fine arts credit towards graduation. Students will be allowed to flex their schedule for up to two hours based on the number of broadcasts they commit to per quarter. For example, students who commit to one broadcast per week can edit their schedule to begin school 2nd hour or shorten their day to end after 6th hour. Please see Mr. Bjorge or Mrs. Grant if you have any questions regarding credits or schedule.

DIGITAL PHOTOGRAPHY

No. 1700 | Course Credit: .5 (3 articulated CLC credits) | Grade Level: 9 - 12

Meets .5 credit for Fine Arts Standards

Do you enjoy taking photos? Would you like to learn about Photoshop? During this course you will learn the basics of photography including composition and exposure. We will enhance our photos using Adobe Photoshop Elements and learn how to make a mediocre photograph great. This course will teach you the technology behind the camera and explore artists who have made a significant impact on this growing field. **Students are required to provide their own SD card. Fee \$10.00**

ADVANCED DIGITAL PHOTOGRAPHY

(Prerequisite: No. 1700)

No. 1590 | Course Credit: .5 | Grade Level:10 - 12

You have the digital photography skills, now what can you do with them? This class will cover advanced topics in digital photography, and is designed for students who have already taken Digital Photography and are eager to know more. Students will learn techniques such as a time lapse, night photography, and abstract photography. Students will be challenged to find their own expressive voice through their photographs. Careers in photography will also be discussed. **Students are expected to provide their own SD cards. Fee \$10.00**

ART APPRECIATION

No. 3567 | Course Credit: 1 (Available for 3 College Credits) | Grades 11- 12

ACCUPLACER requirement for college credit: Score of at least 56 in Reading

Do you like to look at art but don't necessarily feel you are an artist. This course is an introduction to the history and appreciation of art through a survey of humanity's needs and aspirations as expressed in painting, sculpture, printmaking, and crafts. A study of individual artists and art movement in specific content relative to the political and economical circumstances is a component of the class. Other components include analysis of symbolism, elements and principles of art, and composition. This course may be taken for college credit.

Business Department

COMPUTER APPLICATIONS I (CAP I)

No. 1600 | Course Credit: .5 | Grade Level: 9 - 12

CAP I is more than a typing course; it is a course that provides lifelong personal, business, and technology skills through increasing your typing ability and familiarizing yourself with word processing software. Course content will include: (1) typing skills (2) formatting word processing

documents (3) creating business documents (4) internet research skills and (5) introduction to spreadsheets. This course is designed to be self-paced and all time will be spent on the computer. This course will be evaluated on quality of assignments completed as well as number of assignments completed. See Computer Applications II for information about receiving articulated college credit for this course.

COMPUTER APPLICATIONS II (CAP II)

(Prerequisite: # 1600 or Instructor Approval)

No. 1601 | Course Credit: .5 (3 articulated CLC credits) | Grade Level: 9 - 12

This course is designed to allow students to gain experience in desktop publishing, presentation software (PowerPoint), spreadsheet applications (Excel), and databases (Access). Desktop publishing includes creating brochures, flyers, calendars, infographics, and advertisements. PowerPoint will be introduced as presentation software where students will develop skills in animation, transitions, synchronizing music with their slideshow, and creating templates. Excel will have students use a spreadsheet to create charts, graphs, web pages, and basic mathematical functions. Access allows individuals to create queries for organizing a database. Other topics will be included as time permits. CAP II is an articulated course with Central Lakes College meaning a student who completes CAP I and CAP II and earns a 'B' or better in both courses can receive 3 articulated college credits. You must take CAP II as a sophomore, junior, or senior to receive the college credit. This course meets a requirement of the Bridges Business Management Academy.

COMPUTER APPLICATIONS III (CAP III)

(Prerequisite: 1601 or Instructor Approval)

No. 1602 | Course Credit: .5 (3 articulated CLC credits) | Grade Level: 10 - 12

Computer Applications III is a course designed for college-bound students who will be expected to know a variety of software and the abilities of it. This course will focus on advanced features in word processing including formatting, references, webpage creation, templates, mailings and labels, and reviewing and commenting on received documents. Spreadsheet applications will include learning how to create advanced charts and graphs, conditional formatting, flowcharts, formulas, and hiding and freezing columns and rows. Presentation software concentrates on embedding videos, animation, and drawing. Database techniques will focus on queries, address lists, and inventory lists. Computer Applications III is an articulated course with Central Lakes College meaning a student who completes this course and earns a 'B' or better can receive 3 articulated college credits. This course meets a requirement of the Bridges Business Management Academy.

INTRO TO VIDEO GAME DESIGN

No. 1603 | Course Credit: .5 | Grade Level: 10 - 12

Designing video games focuses on the invention, collaboration, problem solving, design, marketing, and critical thinking skills of gaming along with using computer skills to create some of the most innovative products on the market today. Students will learn about the creation process and how basic computer programming can be useful in increasing employment opportunities for the future. Students will use Game Maker 8.1 and Construct 2.0 to create up to twelve different games along with creating a game of their own choosing.

SALES PROMOTION

No. 1611 | Course Credit: .5 | Grade Level: 10 - 12

In any occupation that you come across, promotion and selling of your product, service, and business to consumers are essential for success. This course will acquaint students with basic techniques in selling and promotion activities. Students will use skills acquired in this course to promote and sell a product and prepare the marketing activities associated with bringing a product to the market. The completion of the course will have students use their own creativity in completing an advertising campaign. Sales Promotion is an articulated course with Central Lakes College meaning a student who completes Sales Promotion and Intro. to Marketing and earns a 'B' or better in both courses can receive 3 articulated college credits. This is one of the courses a student can take to prepare for DECA competition. This course meets a requirement of the Bridges Marketing Academy.

INTRO TO MARKETING 9 & 10

No. 1612 | Course Credit: .5 | Grade Level: 9 - 10

Intro. to Marketing provides a general overview of the marketing process in a fun and informative way that is designed to introduce the student to the most successful business systems in the world. Marketing drives the world economy and its business operations and management. Emphasis will be placed on the marketing segmentation, target marketing, brand development, product life cycle, developing new products, distribution, research, pricing strategies, and developing a marketing plan. Intro. to Marketing is an articulated course with Central Lakes College meaning a student who completes Sales Promotion and Intro. to Marketing and earns a 'B' or better in both courses can receive 3 articulated college credits. This is one of the courses a

student can take to prepare for DECA competition. This course meets a requirement of the Bridges Marketing Academy.

INTRO TO MARKETING 11 & 12

No. 1613 | Course Credit: .5 | Grade Level: 11 - 12

Intro. to Marketing provides a general overview of the marketing process in a fun and informative way that is designed to introduce the student to the most successful business systems in the world. Marketing drives the world economy and its business operations and management. Emphasis will be placed on the marketing segmentation, target marketing, brand development, product life cycle, developing new products, distribution, research, pricing strategies, and developing a marketing plan. Intro. to Marketing is an articulated course with Central Lakes College meaning a student who completes Sales Promotion and Intro. to Marketing and earns a 'B' or better in both courses can receive 3 articulated college credits. This is one of the courses a student can take to prepare for DECA competition. This course meets a requirement of the Bridges Marketing Academy. Students who took course No. 1612 as a freshman or sophomore are not eligible for No. 1613.

ENTREPRENEURSHIP I

No. 1614 | Course Credit: .5 | Grade Level: 10 - 12

Anyone who is considering opening his or her own business in the future or planning on attending a post-secondary school for business should take this course. Entrepreneurship will examine different types of business ownership, challenges and risks of owning a business, staffing, recruiting, marketing, purchasing and inventory control, using the internet to increase exposure, legal aspects businesses should know, and financial management. Students will complete an online simulation in which they must manage and run a retail operation.

ENTREPRENEURSHIP II

Prerequisite: Entrepreneurship I or Instructor Approval

No. 1615 | Course Credit: .5 (3 articulated CLC credits) | Grade Level: 10 - 12

With the knowledge gained in Entrepreneurship I, students will create a business portfolio and business plan to put their ideas onto paper and to determine their ideas viability. Visits to local businesses and guest speakers will also be included as we learn what it takes to run and operate your own business. Entrepreneurship is an articulated course with Central Lakes College. This means a student who completes Entrepreneurship I and II and earns a B or better in both can

receive 3 articulated college credits. This course meets a requirement of the Bridges Business Management Academy.

MARKETING II

Prerequisite: Previous Business Course

No. 1616 | Course Credit: .5 | Grade Level: 10 - 12

This course will allow students to pick from a variety of different marketing activities, projects, or simulations based on their interests. Students will work with the teacher to determine their best path in completing a project to meet the standards for a marketing or business course. Options within the class include Marketing Campaigns, Social Media Promotion, Start-up Business Plans, Financial Literacy Promotion, Entrepreneurship Promotion, Public Relations Promotion, and many other choices available. Many of these options can be utilized for DECA competition.

BUSINESS AND CRIMINAL LAW

No. 1621 | Course Credit: .5 | Grade Level: 11 - 12

Any student interested in the criminal justice field or interested in learning more about the legal system in the U.S. should take this course. The emphasis of the class will be on the legal right and responsibilities as a citizen, how the court system works, personal injury law, criminal law, alternative dispute resolution, employment law, capital punishment, contract law and DUI law. Guest speakers will also be invited into the classroom to discuss how many of these rules and laws look in the real world. Students will spend one morning at the Morrison County courthouse observing cases and procedures.

ADVANCED MARKETING

Prerequisite: Instructor Approval or Previous Business Course

No. 1622 | Course Credit: .5 | Grade Level: 10 - 12

Students will have the opportunity to do activities individually or in teams of two or three people in creating and researching for a business project. Students will be able to choose between activities such as: carrying out market research studies for real area businesses, planning promotional campaigns, working on community service-based projects, setting up potential web-based businesses, and preparing employment training programs to name a few. This is an excellent course for students going on to college for Business/Marketing as most former students have found they can use their projects again to help meet requirements for a college course. Students can take two sections of this course in one school year. This is one of the courses a

student can take to prepare for DECA competition. This course meets a requirement of the Bridges Marketing Academy.

SPORTS AND ENTERTAINMENT MARKETING 10-12TH

No. 1625 | Course Credit: .5 | Grade Level: 10 - 12

This course is a must for anyone who has an interest in sports and entertainment. Fans and businesses spend billions of dollars each year buying tickets and merchandise to become a part of the team they love to cheer for. This course uses sports and entertainment to learn about the basic functions of marketing and how they apply in the sports and entertainment worlds. Students will complete a computerized simulation where they will run a football organization and control the marketing aspects for their team while they compete in simulated football games and host concerts. This is one of the courses a student can take to prepare for DECA competition. This course meets a requirement of the Bridges Business Management Academy. Students who took No. 1623 Sports & Entertainment Marketing as a freshman are not eligible for this course.

ECONOMICS IN BUSINESS

No. 1630 | Course Credit: 1 | Grade Level: 12

(This course meets the Economic standards for graduation)

This course will focus on how economics affects a consumer and eventually an employee or business owner. Content will be on worldwide economic systems, supply and demand, market structures, production costs, labor unions, government spending, taxes, unemployment, poverty, income inequality, globalization of business, the Federal Reserve, inflation, and the cost of goods and services throughout the U.S. Students will develop a better understanding of economics through class lectures, independent reading, small group activities, research, and projects. This is one of the courses a student can take to prepare for DECA competition. This course meets a requirement of the Bridges Marketing Academy.

ACCOUNTING I

No. 3610 | Course Credit: 1 (3 college credits/3 articulated CLC credits) | Grade Level: 11 - 12

ACCUPLACER requirement: Score of at least 56 in Reading

This course is an introduction to the world of accounting. Currently the field of accounting is one of the fastest growing career areas and is experiencing a shortage of qualified accountants. Any student who has an interest in pursuing a career in any business field should take this course.

Students will complete course work covering the accounting cycle for both a sole proprietorship and a partnership. Course work includes working with an expanded journal, subsidiary ledger accounts, preparing payroll and payroll reports, and preparing financial reports. **This course is available for college credit through the College in the Schools (CIS) program for those who are eligible.** This course meets a requirement of the Bridges Business Management and Marketing Academies.

ACCOUNTING II

(Prerequisite: No. 3610)

No. 1626 | Course Credit: .5 | Grade Level: 11 - 12

Accounting II expands on Accounting I including computerized accounting which is used by almost every business in the world. Microsoft Excel will be used along with learning the basics of other available software programs. Students will use virtual business simulations to learn more about managerial accounting and forensic accounting while operating their own business. Any student who is planning on pursuing a post-secondary education or owning a business in the future should take this course. Career exploration in the accounting field and other careers where accounting knowledge is needed will be introduced.

MARKETING PRINCIPLES

No. 3614 | Course Credit: 1 (3 college credits) | Grade Level: 11 - 12

This course provides a foundation of marketing concepts for students. The course material is designed to develop a knowledge of both general and specialized marketing terms. Topics include marketing function, consumer behavior, product strategies, marketing channels, pricing strategies, and promotion. This is one of the courses a student can take to prepare for DECA competition. This course meets a requirement of the Bridges Marketing Academy. **This course is available for college credit through the College in the Schools (CIS) program for those who are eligible.**

MONEY MANAGEMENT SKILLS

No. 3623 | Course Credit: .5 (1 college credit) | Grade Level: 11 - 12

This course introduces students to basic money management skills so they will make informed decisions in managing their personal finances. Topics include understanding the student loan process and obligations, creating a budget, debt management, use of credit and credit cards, credit reports, checking and savings accounts, banking basics, insurance issues, choosing an apartment or house, renting or leasing, buying and maintaining a car, developing a personal financial plan, and setting financial goals. At the completion of this course, students will work on a computer simulation that applies the content learned in the course and takes students through

the first few years of life on their own. This is one of the courses a student can take to prepare for DECA competition. **This course is available for college credit through the College in the Schools (CIS) program for those who are eligible.**

SCHOOL STORE OPERATIONS

See Mr. Kaluza | Course Credit: .5 | Grade Level: 10 - 12

Students interested in working the School Store (Flyer Hanger) should speak with Mr. Kaluza. Once registered, some students will be selected to manage the store for one hour for one quarter. Students will be notified if they have been selected, and schedule changes will be made prior to the start of the school year. This course explores management opportunities and human relations. Students will develop skills in planning, financing, and controlling functions within a business. Emphasis is on problem-based, real-world applications of business concepts and use of accounting concepts to formulate, analyze, and evaluate business decisions in the school store. Priority will be given to students who have taken multiple business courses and those in DECA.

Family & Consumer Sciences

FOODS I

No. 1650 | Course Credit: .5 | Grade level: 9 - 12

Are your cooking skills limited to instant oatmeal and frozen chicken nuggets? Gain basic information on cooking, safety, and sanitization. Students will learn measuring and mixing techniques. With hands-on experience, the basic cooking skills will be put to use preparing various foods such as cakes, cookies, quick breads, fruits, and vegetables. Foods I is recommended but not required for the other foods courses. This course meets a requirement of the Bridges Culinary Arts Academy. **Fee \$25.00**

FOODS II

No. 1651 | Course Credit: .5 | Grade level: 9 - 12

Are you ready to expand your food knowledge and become more comfortable in the kitchen? Are you ready to take the next step to healthy eating? This course will cover food safety and food-borne illness, kitchen equipment, measurements, poultry and red meats, soups, salads,

casseroles, and dairy products. Students will also explore eating and nutritional needs throughout the lifespan. This course meets a requirement of the Bridges Culinary Arts Academy. **Fee \$25.00**

INTERNATIONAL FOODS

No. 1652 | Course Credit: .5 | Grade level: 10 - 12

Are you ready to expand your taste buds and cooking skills to another country? In International Foods we will discover the social, cultural, geographical, and economic influences on food availability and diets. This class will allow us to learn about the origins and cooking techniques of American, Italian, Asian, Mexican, and French cuisine. Students will also complete a technology research project on a foreign culture and complete a cooking demonstration on the specific culture as part of the research. This course meets a requirement of the Bridges Culinary Arts Academy. **Fee \$25.00**

CULINARY ARTS I

No. 1653 | Course Credit: 1 | Grade level: 11 - 12

This semester long course is specifically designed for students who are passionate about cooking or looking into the culinary arts fields (restaurant or hotel management) as a potential career. This course is an industry-based program that uses the ProStart curriculum to prepare students for careers in the restaurant and food service industry. Students will learn basic skills and knowledge they need for success in the food service industry, such as: kitchen safety, basic and advanced food preparation techniques, nutrition, and operating basic and specialized kitchen equipment. Completion of the Serv-Safe Food Handler Certificate will be required as part of Culinary Arts I. Students will work closely with professional mentor chefs from local food service establishments throughout the course. This course meets a requirement of the Bridges Culinary Arts Academy. **Fee \$25.00**

CULINARY ARTS II

(Prerequisite: No. 1653)

No. 1654 | Course Credit: 1 | Grade Level: 11 - 12

This semester long course is specifically designed for students who have successfully completed Culinary Arts I. Students will continue to advance their knowledge and experience in the Culinary Arts field using the ProStart curriculum, including a focus on the operation and

management of a food service establishment with advice from professional mentor chefs from local food service establishments. This course meets a requirement of the Bridges Culinary Arts Academy. **Fee \$25.00**

INTERIOR DESIGN

No. 1660 | Course Credit: .5 | Grade level: 9 - 12

Come and explore the exciting world of housing and interior design! Interior Design is great for anyone considering a career in interior design or someone just interested in learning how to design and decorate a house. This course will teach you the principle elements of design, provide you with skills in decorating and help you discover how living spaces meet various human needs. A final designer's challenge will be given, and the student's new knowledge will be applied. There is no fee for this course, but students will need to purchase some supplies for the final project.

OUTDOOR GEAR

No. 1670 | Course Credit: .5 | Grade level: 10 - 12

Do you like being in the great outdoors? Then this class is for you. You will explore what types of fabrics/textiles are used in the clothing of outdoor gear when participating in activities like hunting, fishing, and skiing. Students will construct/sew a project that will be used when in the outdoors. You will also have the opportunity to explore foods that can be prepared safely in an outdoor setting, which includes grilling techniques and food dehydration. Students will need to purchase materials for the project. **Fee \$20.00**

QUILTING

No. 1672 | Course Credit: 1 | Grade Level: 11 - 12

This course is designed to introduce students to the world of textiles and art combined to create a quilt. The first nine weeks are devoted to learning the basics of quilting: pattern and fabric selection and tools and construction techniques. Students will construct a table runner and the block sampler. During the second nine weeks, students will construct a bed-size quilt. Students will need to provide their own supplies and fabric for the projects constructed in this course. **Fee \$10.00**

EARLY CHILDHOOD EDUCATION

No. 1680 | Course Credit: 1 (4 articulated CLC credits are available if final semester grade of a B is achieved) | Grade Level: 11 - 12

Whether you are interested in being a teacher, child care provider, or child psychologist, this is the place to start. This course will cover the developmental areas of physical, emotional, cognitive, and social growth stages. Students will also learn about the types of education and childcare programs available. All students will have the responsibility of boosting positive self-esteem in others when our mentorship program begins in the classroom setting during the second half of the semester. Active participation will include planning and teaching learning activities, reading children's stories, and preparing nutritious snacks.

Industrial Tech Department

(NBA) SHOP CLASS "NO BOY'S ALLOWED"

No. 1727 | Course Credit: .5 | Grade Level 9 -12

This course is designed to help young women improve their skills in basic home and automotive maintenance in a low-pressure setting. The class will spend 3 weeks in the woods lab, 3 weeks in the auto lab, and 3 weeks in the metals lab. Students will learn basic vehicle maintenance such as checking fluids, changing a flat tire, and hooking up jumper cables. Students will also learn how to use basic hand tools and power equipment while building a small project in the woods lab. In the metals lab, students will learn how to do basic welds using both the wire feed and arc welders as well as learning about manufacturing. **There will be a \$10.00 fee for this class.**

EXPLORATORY ELECTRICITY

No. 1704 | Course Credit: .5 | Grade Level: 9 - 12

This course is designed to be an exploratory course in electricity. The goals of the course are to teach the students electrical theory, some trouble-shooting problems, soldering activities, how to assemble electronic kits (a unit on components and how they work), and electrical safety. When the students leave the course, they will have the basic understanding of how electricity works. **There will be a \$10.00 fee for this class.**

INTRODUCTION TO MANUFACTURING PROCESSES

(Prerequisite 1703 or 1735)

No. 1706 | Course Credit: 1 (2 Hr. Block - 1 Qtr.)| Grade Level: 10-12

The Introduction to Manufacturing Processes class is based on projects that utilize traditional manual machines as well as CNC controlled machines. These projects will include the following concepts: 1. Safe usage of machine tools. 2. Manufacturing products using blueprints on the Lathe. 3. Manufacturing products using blueprints on a Milling Machine. 4. Manufacturing products using blueprints for CNC mill, lathe, and plasma cutter. 5. Measuring tools for inspection of finished products. 6. Layout tools for machining procedures. Safety is among the first lessons for students in the machine shop. All students are safety tested on the following machines: Lathe, Mills, and Power Saws. Students learn the rules of safety in both the shop and school as indicated in the student handbook. Students locate all safety equipment in the shop to familiarize them to the layout and in case of emergencies. Students learn basic lathe and milling concepts. Students learn how to properly use and read a variety of measurement tools specific to the machining industry. Based on this knowledge students inspect their projects that are built on the machine tools. Students also learn to layout projects before machining so to eliminate errors and costly mistakes.

Robotics Courses

ROBOTICS I

No. 1735 | Course Credit: .5 | Grade Level: 9 - 12

The purpose of this class is to introduce students to the amazing field of Robotics. In this class students will be using the First Robotics Competition (FRC) to learn design and planning using Autodesk Inventor, programming using basic and Arduino software, engineering practices to build a robot and compete at the FRC competition.

ROBOTICS II

(Prerequisite 1735)

No. 1736 | Course Credit .5 | Grade Level: 9 - 12

In this course students will continue to advance their programming skills using Lab View. This course will also increase your drafting skills using Autodesk Inventor Professional. Other lab activities you could expect to learn about are: 3-D printing, pneumatics, electronics, and CNC controlled mills and lathes.

ROBOTICS III

(Prerequisite 1735 & 1736)

No. 1737 | Course Credit .5 | Grade Level: 9 -12

In this course students will primarily focus on chasis design, chasis development, and building chasis. Other activities may include wiring your chasis to drive. Students will also use Lab View to hone their programming skills.

Career Courses

STEPS 4 SUCCESS

No. 1971 | Course Credit .5 | Grade Level: 9

This course is the first step in the process of creating your personal plan toward a successful future. We will create an MCIS account for each student that they can use to track their personal growth through the process. We will begin the discussion of what options are available for college and career choices after graduation. This will be the foundation for the next three years of Career and College planning.

CAREER EXPLORATION

No. 1730 | Course Credit: .5 | Grade Level: 10 - 12

Career Exploration is a course that will allow you to learn more about all the career options available to you. You'll spend time looking more deeply into programs of study, schooling options, financial aid, and budgeting. This course is set up in a way that all students can research their own interests and goals. If you are still searching for what you are going to do after high school, this course is here to give you time to plan, research and learn all that is available to you. We will not only look at colleges, but we will also investigate the military and what it takes to head into the workforce. This class can help you realize what skills you need to successfully get a job. Lastly, this course will help you navigate through all the paths to reach your goals.

ON THE JOB TRAINING INTERNSHIPS (OJT)

See Mrs. Nagel or Mrs. Grant | Course Credit: 1 or 2 | Grade Level: 11 - 12

This is an excellent opportunity for students to earn credit for graduation while working at a job during or after school hours that will allow them to explore career areas and develop real life job skills that will be beneficial to their future employment and education. Mrs. Nagel is the coordinator of this class. Please see her to make the required arrangements. See Mrs. Nagel or Mrs. Grant for registration numbers.

SENIOR INTERNSHIP

See Mrs. Nagel or Mrs. Grant | Course Credit: 3 | Grade Level: 12

The LFCHS Senior Internship Experience is an extended internship offering seniors the opportunity to gain firsthand exposure to a career field they are considering pursuing after high school. Paired with committed industry participants from our local area, each student will be assigned a mentor within the workplace who will guide the internship experience. This is more than a job shadow as students will be expected to contribute meaningful, relevant work mirroring that of an authentic position in the field.

Students participating in the senior internship experience may register for one semester or two and must be available to intern for three hours per day, four days per week. Students may elect to intern in the same field for both semesters or may choose differing field experiences for each semester.

This real-world experience is being offered to seniors who are currently on track to graduate. Interested students must register with Mrs. Grant in the guidance office, where registration numbers will be provided.

Communication Courses

2D & 3D DRAFTING

No. 1703 | Course Credit: .5 | Grade Level: 9 - 12

In this course, students will be using Autodesk software named Inventor Pro, to create 2D and 3D drawings. The students will learn the design process to create a 3-D part. Students also gain blueprint reading skills, drafting techniques and learn about careers related to drafting and design fields.

BLUEPRINT CREATION & READING

(No. 1703 Recommended)

No. 1714 | Course Credit: .5 | Grade Level: 10 - 12

This course is designed to give students the experience of learning what a blueprint is, what the different types of blueprints are, and how to properly read a blueprint. They will also learn how to create a blueprint, using Inventor. Industries and Careers that need to have the skill of reading a blueprint or creation of a blueprint are Construction, Plumbing, any Engineering program, Landscaping, Industrial Design, Interior Design, Welder, Machinist and Auto Mechanic to name a few.

GRAPHICS & WEB PAGE DESIGN

(No. 1700 Recommended)

No. 1710 | Course Credit: .5 | Grade Level: 10 - 12

Meets .5 credit for Fine Art Standards

Graphics & Web Page Design is a course that will cover the concepts of sketching, layout, movement, color usage, and layout intent. Students will also study how advertisements and graphic artists influence what people purchase. Students will use Adobe PhotoShop to manipulate graphics, create new images, and learn how to make advertisements, pamphlets, and proper poster layouts. The second part of the course will be the study of web page design. Each student will create a web page using the concepts taught in the first half of the class. Students will create, update, manipulate, and maintain a web page. Copyright laws, privacy, security, and creative freedom will be discussed. In this course students will be asked to be creative, try new things, and have fun.

GRAPHICS AND ANIMATION

(No. 1710 Recommended)

No. 1720 | Course Credit: 1 (3 articulated CLC credits) | Grade Level: 11 - 12

Meets 1 credit for Fine Art Standards

In Graphics and Animation the students will study the history of animation, learn where it all started, and how we got to where we are today. We will cover the different types of animation and the various techniques to create animation. The students will create short cartoons using the software ToonBoom and Scratch. ToonBoom software is used worldwide, and can allow students to create a lot of fun projects. The students will work in the studio lab each day. The students are going to create a variety of animated projects such as short cartoons. Creativity is wonderful, and enjoying cartoons is a must for the class.

FLYER PUBLISHING

No. 1940, 1941 & 1942 | Course Credit .5 – 3 quarter class | Grade level 10 -12

This course was formally known as the Yearbook. We are now opening up the yearbook publishing to all students. The Flyer yearbook takes a lot of time and work to create, and we

invite anyone that is interested in editing, proofing, photography, story writing, or just creating to sign up and help make the Flyer Yearbook amazing!

Welding Courses

INTRODUCTION TO WELDING

No. 1701 | Course Credit: .5 | Grade Level: 9 - 12

The purpose of this course is to develop the basic skills and techniques of GMAW, oxyacetylene and arc welding. Shop safety, types of electrodes, welding machines, and basic weld types will be covered in all three welding methods. **There will be a \$25 lab fee for the class. Payment Plan Available. MUST HAVE SAFETY GLASSES.**

INTRO TO METALS

(Prerequisite: No. 1701)

No. 1732 | Course Credit: .5 | Grade Level: 10 - 12

This course is designed to be an exploratory course in metalworking. The goals of this course are to address the areas of shop safety, careers, trade knowledge, layout and design, sheet metal, tool sharpening, intro. to machining, heat treating, thread cutting, spot welding, and bench metal work. There will be several required small projects and time for some elective projects. **The fee is \$20.00. Payment Plan Available. MUST HAVE SAFETY GLASSES.**

VOCATIONAL WELDING I

(Prerequisite: No. 1732)

No. 1711 | Course Credit: 1 | Grade Level: 11 - 12

Articulated CLC credit, must have Voc. Welding I to receive college credit in Voc. Welding II

This course covers safety related to welding, the use of oxy-fuel welding, brazing, and equipment. This course involves math concepts using whole numbers, fractions, decimals and the metric system. The importance of blueprints in welding and fabrication is emphasized, and there will be discussion on various types of lines, drawings, views, welding symbols, and welding costs. **Fee is \$40.00. Payment Plan Available. MUST HAVE SAFETY GLASSES.**

VOCATIONAL WELDING II

(Prerequisite: No. 1711)

No. 3721 | Course Credit: 1 (2 articulated credits) | Grade Level: 11 - 12

This course covers shielded metal arc welding (SMAW), gas metal arc welding (GMAW), gas tungsten arc welding (GTAW), and welding safety. We will cover blueprint reading, welding symbols, machine manuals and CNC Plasma cutting. We will make various things through the course, and students may also choose to build other projects on their own. **There is a fee of \$40.00 for the class plus the cost of any materials for additional projects. Payment Plan Available.** This course can be taken for college credit. **MUST HAVE SAFETY GLASSES.**

Wood Technology Courses

WOODS I

No. 1705 | Course Credit: .5 | Grade Level: 9 - 12

FORMERLY WOOD MACHINE OPERATION

This course is a beginning woodworking course with prime emphasis on the safe and proper operation of all woodworking machines. Demonstrations will be conducted on each individual machine showing the safety methods that must be utilized and the skills that can be acquired. Students will be tested on machines and must pass a safety test before lab work can begin. Upon completion of testing, students will build their own projects and begin to develop skills and safety habits essential for successful operation of a cabinet shop. **This course is a REQUIREMENT in order to move through the Wood/Construction classes. There will be a \$25.00 fee for the class. Payment Plan Available. MUST HAVE SAFETY GLASSES.**

WOODS II

(Prerequisite: No. 1705)

No. 1715 | Course Credit: .5 | Grade Level: 9 - 12

FORMERLY WOODS I

The Woods II class allows students to gain more knowledge of the woods area while making an intermediate wood project. Along with safety and machine knowledge, the students must be able to draw and read a plan. While completing the requirement for this course, students will learn proper construction of their project, further knowledge of the machines, and techniques to properly finish their wood project. **There will be a \$40.00 fee for the class. Payment Plan Available. MUST HAVE SAFETY GLASSES.**

WOODS III

(Prerequisite: No. 1715)

No. 1716 | Course Credit: .5 | Grade Level: 10 - 12

FORMERLY WOODS II

Woods III is a continuation of Woods II. Woods III will allow students to gain more time in the woods area to create a more unique and larger project. All woods courses should be taken in sequence. **There will be a \$45.00 fee for the class. Payment Plan Available. MUST HAVE SAFETY GLASSES.**

BUILDING CONSTRUCTION I

No. 1717 | Course Credit: .5 | Grade Level: 10 - 12

This course will enable students to identify, properly use, and maintain carpenter hand tools, portable tools, machines, and equipment. Skill development, safety, OSHA requirements, and work practices are areas stressed. Construction equipment is studied and utilized as lab and projects warrant. Small projects will be completed. **MUST HAVE SAFETY GLASSES.**

BUILDING CONSTRUCTION II

(Prerequisite: No. 1717)

No. 1718 | Course Credit: 1 (2 Hr. Block – 1 Qtr.) Grade Level: 11 - 12

The purpose of this course is to enhance the basic constructions principles, tool operation, and safe work practices learned in Intro. to Building Construction I. Projects include building storage sheds, small garages, and volunteering throughout the community. This is a great hands-on learning experience for all students. Students may take this class more than once. **MUST HAVE SAFETY GLASSES.**

VOCATIONAL FURNITURE AND CASE I

(Prerequisite: No. 1715)

No. 1725 | Course Credit: 1 | Grade Level: 11 - 12

This class allows students to gain more knowledge of the woods area while making an advanced project. Along with safety and machine knowledge, the students must be able to draw and read a

plan of procedures. While completing the requirements for this course, students will learn proper construction of their project, further knowledge of the machines, and techniques to properly finish their wood project. Some of the projects built in this class consist of dressers, gun cabinets, entertainment centers, coffee table, benches, and hutches. Students may take this class more than once. **Cost of the project is the student's responsibility. Payment Plan Available. MUST HAVE SAFETY GLASSES.**

VOCATIONAL FURNITURE AND CASE II

(Prerequisite: No. 1725)

No. 1726 | Course Credit: 1 | Grade Level: 11 - 12

Along with safety and machine knowledge, the students must be able to draw and read a plan of procedures. While completing the requirements for this course, students will learn the proper construction of their project. Students will also be required to make a weekly portfolio of their project from start to finish. Students may take this class more than once. **Cost of the project is the student's responsibility. Payment Plan Available. MUST HAVE SAFETY GLASSES.**

Automotive Courses

SMALL GAS ENGINE TECHNOLOGY

No. 1702 | Course Credit: .5 (1 articulated CLC credit) | Grade Level: 9 - 12

This course details the principles of power mechanics with special emphasis given to the two and four-stroke cycle in small gas engines. The use of tools, test equipment, and service manuals will be emphasized. **Fee is \$10.00. MUST HAVE SAFETY GLASSES.**

BASIC VEHICLE SYSTEMS I

(Prerequisite: No. 1702)

No. 1712 | Course Credit: .5 (1 articulated CLC credit) | Grade Level: 10 - 12

This course offers a general overview of and opportunities for hands-on experience in the following areas: automotive careers, trade knowledge, shop safety, tools & equipment, lubrication systems, cooling & heating systems, and electrical systems. This class is required before taking Basic Vehicle Systems II. It is highly recommended that students taking this course have a driver's license. **Fee is \$10.00. MUST HAVE SAFETY GLASSES.**

BASIC VEHICLE SYSTEMS II

(Prerequisite: No. 1712)

No. 1713 | Course Credit: .5 (1 articulated CLC credit) | Grade Level: 10 - 12

Basic Vehicle Systems II is a continuation of Basic Vehicle Systems I. Areas to be covered include: shop safety, starting and charging systems, engine performance, suspension systems, steering systems, drive train systems, and brake systems. It is highly recommended that students taking this course have a driver's license. **Fee is \$10.00. MUST HAVE SAFETY GLASSES.**

AUTOMOTIVE TECHNOLOGY I

(Prerequisite: No. 1712)

No. 1722 | Course Credit: 1 (1 articulated CLC credit) | Grade Level: 11 - 12

Auto Tech I will focus on the fundamentals of safety, tools, equipment, careers, general maintenance, computer systems, tires, and suspension. Classroom and shop activities will simulate automotive service industry operations through the use of training aids, shop vehicles, and student or customer work when available. Auto Tech I will give the student a good foundation in the operation, maintenance, and repair of an automobile and prepare students for employment and/or more advanced training in a post-secondary program. Pre-requisite is basic vehicle. **Shop fee is 15.00.** It is highly recommended that the student take Auto Tech I and Auto Tech II in the same year. **Pre-requisite: A valid driver's license and proof of car insurance. MUST HAVE SAFETY GLASSES.**

AUTOMOTIVE TECHNOLOGY II

(Prerequisite: No. 1722)

No. 1723 | Course Credit: 2 (1 articulated CLC credit) | Grade Level: 11 - 12

(2 Hr. Block – 1 Semester)

Auto Tech II will focus on the fundamentals of operation, maintenance and repair procedure for tools and equipment, shop safety, careers, engine diagnosis, engine repair, engine machining and rebuilding, automotive brake systems, and wheel alignment. Classroom and shop activities simulate automotive service industry operations through the use of training aids, shop vehicles, and/or student or customer work when available. With the completion of Auto Tech II, the student will have a good foundation in the operation, maintenance, and repair of an automobile which will prepare them for employment and/or more advanced training in a post-secondary automotive program. **Pre-requisite: Auto Tech I, a valid driver's license, and proof of**

car insurance. It is highly recommended that Auto Tech I & II are taken in the same school year. Students may take this course more than once. **Shop fee is 25.00. MUST HAVE SAFETY GLASSES.**

INTRO TO HEAVY EQUIPMENT

No. 1724 | Course Credit: .5 | Grade Level: 12

This course is designed to provide knowledge and proper operation of tractor-trailer combination vehicles at entry-level industry skills. Students will learn Federal Motor Carrier Safety regulations that regulate the commercial motor carrier industry. Knowledge of procedures and behaviors required will be provided to prepare students for truck driving employment. Students who successfully complete this course will have minimal skills for entry-level employment in the trucking field. Other trucks and vehicles that students will become familiar with are dump trucks, redi-mix, tractor-trailers, water trucks, and buses. **MUST be 18 years by May 1st in order to complete the final test, with a valid Driver's License.**

Morrison County High Tech Workforce Development Center

The High Tech Workforce Development Center exists to:

- * Create opportunities for students to develop knowledge and skills in high demand areas
- * Capitalize on the expertise available in the partner districts
- * Collaborate with students and teachers from other districts
- * **Allow students to earn an English credit in an elective course**

The Morrison County High Tech Workforce Development Center is a collaborative effort of the school districts within Morrison County (Upsala, Swanville, Royalton, Pierz, and Little Falls). Each district is offering a semester class open to students from any of the partnering districts in order to create more opportunities for student learning. These courses are focused on high demand areas. In addition to the elective credit, students will earn a semester English credit for each course. The courses will be 90 minutes in length, with time allowed for provided transportation to and from the student's home district. **If interested in taking any of the following five courses, applications are available in the guidance office.**

INTRO TO ENGINEERING DESIGN (IED)

See Mrs. Grant | Course Credit: 3 | Grade Level: 11 - 12

Royalton course. Fall semester.

Introduction to Engineering Design (IED) is a high school level course that is appropriate for students who are interested in design and engineering. The major focus of the IED course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. IED gives students the opportunity to develop skills and understanding of course concepts through activity, project, and problem-based (APPB) learning. Used in combination with a teaming approach, APPB-learning challenges students to continually hone their interpersonal skills, creative abilities and understanding of the design process. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

The course assumes no previous knowledge, but students should be concurrently enrolled in college preparatory mathematics and science. Students will employ engineering and scientific concepts in the solution of engineering design problems. In addition, students use a state of the 3D solid modeling design software package to help them design solutions to solve proposed problems. Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. Students will also learn how to document their work, and communicate their solutions to their peers and members of the professional community.

INTRO TO GRAPHIC DESIGN

See Mrs. Grant | Course Credit: 3 | Grade Level: 11 - 12

Swanville course. Spring semester.

Graphic Design is a way of communicating ideas through the use of imagery, typography, and page layout. Students will develop an understanding of design concepts and the practical application of Adobe Photoshop CC and Adobe Illustrator. Students will start by examining the elements and principles of design and then apply that knowledge in their computer generated designs. Students will also learn the basics behind typography and illustration, and with this knowledge learn how to create successful designs. Finally, students will be given an overview in web design and learn how to design a website using WordPress.

AG FOOD SCIENCE

See Mrs. Grant | Course Credit: 3 | Grade Level: 11 - 12

Upsala course. Spring semester.

Love food, but curious about how the ingredients in food actually make things happen? This course discusses where our food comes from, from the farm to the table and the steps between. Emphasis is on the chemistry and biology of food, and on the experimentation with ingredients and cooking methods. Students will have the opportunity to make and eat foods and food

products that they develop through trial and error. Food safety and handling is emphasized as well in this course. Careers in the food industry will be highlighted.

CROP SCIENCE / AGRONOMY

See Mrs. Grant | Course Credit: 3 | Grade Level: 11 - 12

Pierz course. Fall semester.

This newly developed class is for any student interested in learning about crops grown worldwide; learning how technology is changing and improving the efficiency of crops and learning the basics of soil and plant science as well as some of the biological threats to crops. This is a hands-on course in which students will perform lab activities on a variety of units that will enable students to witness the effects of pH, over-and-under fertilization and chemical runoff in addition to working with pollinators as well. Students will have the opportunity to calculate yields based on sampling as well as use drones to scout fields after they work with an integrated pest management (IPM) system.

GENERAL AUTOMOTIVE SERVICE (G.A.S.)

See Mrs. Grant | Course Credit: 3 | Grade Level: 11 - 12

Little Falls course. Fall semester.

G.A.S. will focus on the fundamentals of Careers, Shop Safety, Tools and Equipment, Service Information, and Maintenance. Several systems in the automobile that will be addressed will include Electrical, Starting, Charging, Ignition/Tune Up, Computer/Engine Management, Fuel Systems, Exhaust, Cooling, Suspension & Steering, Braking, Drive Train, and Engine Repair. G.A.S. will give the student a good foundation in the maintenance and repair of cars and light trucks which will benefit those students who wish to pursue an entry level employment, or continue their education at a post secondary program. This class will spend equal amounts of time studying the different content along with opportunities to practice their knowledge on their own vehicles or the schools vehicles. **Required items will include: Safety glasses, clothing acceptable for working in the shop, drivers license, proof of car insurance, and a solid work ethic.**

Music Department

CONCERT BAND

No. 1750 & 1751 | Course Credit: 2 | Grade Level: 9 - 12

Concert Band focuses on the continued development of skills learned from the beginning through intermediate level. Students must complete three lessons a quarter offered during, before, and after school. Students must also take part in rehearsals, concerts, and pep games. Freshmen and sophomores must complete 3 lessons per a quarter. Juniors must complete 2, and seniors must complete 1. The *Advanced Rubank Books volumes I and II*, *Modern School for Mallets*, and *Alfred's Drum Method Book II* will be the primary literature source for lessons. All students should have completed their *Essential Elements Book I and II* prior to Concert Band; however, students can take summer band lessons or private lessons outside of school in the beginning of the year to complete this requirement. Concert Band is a year-long commitment and is graded accordingly.

CONCERT BAND/WOMEN'S CHOIR

No. 1752 & 1753 | Course Credit: 2 | Grade Level: 9 - 12

This course is for serious music students who wish to be in both band and choir. They must realize that they are to complete the full requirements for both ensembles. It is not half band and half choir but both band and choir. The class is the same hour as Women's Choir and Concert Band, and students will alternate days between the two classes. This is a year-long commitment and is graded accordingly. This schedule may require band/choir students to take additional lessons.

WIND SYMPHONY

(Permission of teacher)

No. 1754 & 1755 | Course Credit: 2 | Grade Level: 10 - 12

Wind Symphony is the continued development of advanced-level instrumental performance skills through large group rehearsals, student-led sectionals, solo and ensemble performances, honor band, concerts, music-oriented trips, and individual and/or small group lessons. Sophomores must complete 3 lessons per quarter, juniors must complete 2, seniors must complete 1. *The Advanced Rubank Books I and II*, *Modern School for Mallets*, and *Alfred's Drum Method Book II* will be the primary literature source for lessons. Upon completion students will then be able to decide the direction of their study. The final outcome of the class is a diverse musical experience at the highest possible level. Performance will be the most common assessment. Each student will be able to demonstrate various technical and stylistic points in regard to written and terraced elements within the music. Prerequisites: Concert Band or previous instrumental experience, completion of *Essential Elements Books I & II*, and *Advanced Rubank Book I* for winds. Percussion students must complete through page 40 in the mallet book and lesson chapter 22 in the drum method book. Students are chosen by the director of bands during registration for the following school year. Wind Symphony is a year-long commitment and is graded accordingly.

WOMEN'S CHOIR

No. 1766 & 1767 | Course Credit: 2 | Grade Level: 9 - 12

Women's Choir is the continued development of skills learned from the beginning through intermediate level. Skills included music reading, vocal technique, and musicianship. This ensemble will learn a variety of literature throughout the year. Students must also complete 2 lessons a quarter offered during, before, and after school and attend all rehearsals and concerts. Women's Choir is a year-long commitment and is graded accordingly.

MEN'S CHOIR

No. 1768 & 1769 | Course Credit: 2 | Grade Level 9 - 12

Men's Choir is the continued development of skills learned from the beginning through intermediate level. Skills include music reading, vocal technique, and musicianship. This ensemble will learn a variety of literature throughout the year. Students must also complete 2 lessons a quarter offered during, before, and after school and attend all rehearsals and concerts. Men's Choir is a year-long commitment and is graded accordingly.

CONCERT CHOIR

(Permission of teacher)

No. 1764 & 1765 | Course Credit: 2 | Grade Level: 10 - 12

Concert Choir is the continued development of advanced-level performance skills through large group rehearsals, student-led sectionals, solo and ensemble performances, honors choir, concerts, music-oriented trips, and individual and/or small group lessons. Sophomores must complete 4 lessons per semester. Juniors must complete 3, and seniors must complete 2. The final outcome of the class is a diverse musical experience at the highest possible level. Performance will be the most common assessment. Prerequisites: Mixed Choir or previous singing experience. Admittance to Concert Choir is by audition only during registration the following year. Concert Choir is a year-long commitment and is graded accordingly. Concert choir students have the opportunity to letter in choir.

AMERICAN POP MUSIC

No. 1772 | Course Credit: .5 | Grade Level: 10 - 12

This course will cover the foundations and history of rock 'n' roll and highlight music starting in the 1950s and beyond. This class is designed for students who are not in band and/or choir that need to meet the state fine arts requirement for graduation.

ADVANCED SPECIAL ENSEMBLE

(45 Hours - see Mr. Peterson or Mrs. Larson)

This one-quarter class will meet throughout the school year in the mornings and will consist of Jazz Ensembles I and II, Jazz Combo, Brass Quintet, Woodwind Ensemble for Madrigal Dinner, Jubileers, and Indoor Marching Band (IMC) feature ensembles. Students must log 45 hours between any combination of these zero-hour ensembles. .5 credits will be given at the conclusion of 4th quarter.

Physical Education Department

INDOOR FITNESS FOR LIFE 9

No. 1800 | Course Credit: .5 | Grade Level: 9

This course credit is required for graduation from Little Falls Community High School. The class will reinforce skills in badminton, pickle ball, gymnastics, table tennis, archery, ice skating, and tournament set-ups. Students will be evaluated on physical skills tests, observations, written tests, as well as on participation and effort.

OUTDOOR FITNESS FOR LIFE 9

No. 1801 | Course Credit: .5 | Grade Level: 9

This course credit is required for graduation from Little Falls Community High School. The class will reinforce skills in tennis, soccer, football, softball, track and field, and volleyball. Students will be evaluated on physical skills tests, observations, written tests, as well as on participation and effort.

PHYSICAL EDUCATION 10

No. 1810 | Course Credit: .5 | Grade Level: 10

This course credit is required for graduation from Little Falls Community High School. The class is designed for students to enhance and refine their skills in activities such as soccer, football,

softball, tennis, volleyball, pickle ball, and badminton. There will be a focus on cooperative team concepts, individual participation, and physical fitness.

HEALTH 10

No. 1811 | Course Credit: .5 | Grade Level: 10

This course credit is required for graduation from Little Falls Community High School. This course will identify components of individual, family, and community health issues. Students will gain knowledge to make informed decisions in the following areas: physical health, mental/emotional health, social health, wellness, diseases and disorders, human sexuality and relationships, drug awareness, and CPR.

HEALTHY LIFESTYLES

No. 1812 | Course Credit: .5 | Grade Level: 11-12

Healthy Lifestyles is a nine-week elective course that will emphasize the importance of knowledge, attitudes, and practices relating to personal health and wellness. It is a class designed to expose students to a broad range of issues and information relating to the various aspects of personal health; which include the physical, social, emotional, intellectual, spiritual and environmental aspects. Topics of exploration include: nutrition, healthy eating, weight management, diseases, addiction, the media's influence on our health and wellness, healthy relationships, and first aid. As a part of this class, students will be participating in weekly food labs that will help students to make informed and educated decisions about the foods they are consuming. **There is a \$10 fee for this class.**

PHYSICAL EDUCATION - INDOOR SPORTS

No. 1820 & 1822 | Course Credit: .5 | Grade Level: 11 - 12

This course is a nine-week course with emphasis on racquet activities and skills as well as other indoor recreational sports. Activities and sports may include table tennis, pickle ball, badminton, basketball, volleyball, and fitness. The course will include knowledge of the rules and safety concerns. Students may take a second time for credit.

PHYSICAL EDUCATION - OUTDOOR SPORTS

No. 1821 & 1823 | Course Credit: .5 | Grade Level: 11 - 12

This course is a nine-week course with emphasis on activities and skills that may include softball, soccer, football, volleyball, tennis, and fitness. The course will include knowledge of the rules and safety concerns. Students may take a second time for credit.

PHYSICAL EDUCATION – FITNESS THROUGH MUSIC

Meets .5 credit for Fine Art Standards

No. 1830 | Course Credit: .5 | Grade Level: 11 - 12

Music is a powerful tool that can help improve our exercise performance. In this class, students will experience a variety of activities that integrate music, dance, and exercise. The various activities will include different forms of dance (examples: social dances, line, swing, disco, zumba, hip hop), yoga, pilates, and several other aerobic fitness exercises. **This class may only be taken one time during your high school career.**

PHYSICAL EDUCATION – STRENGTH AND FITNESS

No. 1831, 1832, 1833 & 1834 | Course Credit: .5 (each quarter) | Grade Level: 9 - 12

We will focus on activities that will improve muscular strength, aerobic and anaerobic fitness, and overall health. Activities may include keeping a workout/diet log during the nine weeks. Students will work hard. This class can be taken more than once. Students in 9th grade may take no more than two quarters of Strength & Fitness.

ACTIVE OFFICIATING

No. 1836 | Course Credit: .5 | Grade Level: 11 - 12

Learning how to make decisions under pressure will prove to be a valuable life skill. Students in this class will experience a mixture of playing games, observing games, officiating games, and classroom instruction. Expectations would include attending sporting events and observing the techniques of officials, developing techniques of officiating, and applying officiating skills to an actual contest.

GO (GIRLS ONLY) STRENGTH & FITNESS

No. 1837 & 1838 | Course Credit: .5 (each quarter) | Grade Level: 9 - 12

This 9 week course is offered 2nd and 3rd quarter for Girls Only. The course will run from 7:30 until 8:20 with extra time to change before advisory. We will focus on activities that improve muscular strength, aerobic, and anaerobic fitness. Girls may take this class more than once.

World Language Department

FRENCH I

No. 1880 & 1881 | Course Credit: 2 | Grade Level: 9 - 12

The goal of this course is for the students to develop listening, speaking, reading, writing and cultural competence in French. These skills will allow students to communicate more effectively in a global society and be more efficient world citizens. The major means of communication between students and instructors will be in the target language. A vital component of language classes is the use of the language beyond the classroom in the real world. The integration of technology is an important tool in accessing authentic information in the target language and in providing students the opportunity to interact with native speakers.

FRENCH II

(Prerequisite: No. 1880 & 1881)

No. 1851 & 1852 | Course Credit: 2 | Grade Level 10 - 12

This course emphasizes conversation and communicating on a variety of topics, including family, physical descriptions, food and food customs, clothing, vacation, and shopping for everyday needs. We will also be studying how French is used in over 20 countries throughout the world as well as exploring the culture of these countries.

FRENCH III

(Prerequisite: No. 1851 & 1852)

No. 1853 & 1854 | Course Credit: 2 | Grade Level 11 - 12

With a strong foundation in place from French 1 and 2, French 3 will enhance your ability to communicate in the target language. We'll focus on tools and vocabulary that will make your speaking and writing sound more natural, including the imperfect tense, direct and indirect objects, and specialized vocabulary. Intensive practice in listening and reading will further develop your skills. We'll also continue our study of francophone communities and cultures around the world.

SPANISH I

No. 1890 & 1891 | Course Credit: 2 | Grade Level: 9 - 12

In Spanish I, students will develop listening, speaking, reading, and writing skills in Spanish. Students will learn to pronounce correctly in Spanish, use everyday vocabulary in context, and employ sound structural language concepts. By the end of the second semester, students should be able to have a simple conversation in Spanish on familiar topics, write in structured sentences on familiar topics, read simple text on familiar topics, and comprehend authentic spoken Spanish that is slow and on a familiar topic. The underlying thread to all levels of Spanish is culture and awareness of other humans outside the students' own community and understanding. Students will broaden their cultural awareness through discussion of traditions and current events happening in Hispanic communities.

SPANISH II

(Prerequisite: No. 1890 & 1891)

No. 1892 & 1893 | Course Credit: 2 | Grade Level: 10 - 12

In Spanish II, students will spend their initial time strengthening the skills gained in Spanish I through various activities that require work in the four skills areas of reading, writing, listening, and speaking. As their skills become stronger, students will be introduced to new structural concepts and vocabulary to further build the foundation necessary for confident communication. Activities will include reading texts in Spanish, listening to audio in Spanish, creating written text in Spanish, speaking in Spanish, and practicing through keynote projects, artistic projects, and daily assignments. Each day is spent using Spanish in all four skills areas, helping students to reuse previous concepts and vocabulary while also learning new. The underlying thread to all levels of Spanish is culture and awareness of other humans outside the students' own community and understanding. This class is the prerequisite for travel outside the country with a school-sponsored program.

SPANISH III

(Prerequisite: No. 1892 & 1893)

No. 1894 & 1895 | Course Credit: 2 | Grade Level: 11 - 12

In Spanish III, students will focus on meaningful communication using the structural concepts and vocabulary they learned in levels I and II. The first quarter is spent producing in the language. Initially, a structure review of present tense and preterite tense will be the basis of communication. Then, speaking, reading, writing, and listening will be done within the context of addressing Spanish texts. Students will be challenged to use Spanish to respond, narrate, describe, and explain using both speaking and writing skills. As the year progresses, students will begin to incorporate further structural concepts and vocabulary, expanding their repertoire while

becoming more accurate in the language they produce. Finally, they will continue to expand their knowledge of culture and gain awareness of multiple points of view.

SPANISH IV

(Prerequisite: No. 1894 & 1895)

No. 1896 & 1897 | Course Credit: 2 | Grade Level: 12

In Spanish IV, students will continue to strengthen their abilities to communicate in Spanish. Reading in Spanish will continue with texts on familiar and controlled topics but will also include short stories written by various Hispanic authors. Writing in Spanish will continue as students create in the language; they will write response to reading paragraphs, thematic essays, and creative fairy tales and short stories. Listening in Spanish will continue with familiar and controlled topics for practice; however, students will be challenged with native speakers speaking on less familiar topics at a faster pace as well. Speaking in Spanish will continue through the context of class discussions and responses, prepared conversations, and daily interactions; however, students will be challenged to respond in more impromptu situations as well, looking for outside opportunities for speaking. Students will be pushed to incorporate more complex language structures in all skills areas along with more vocabulary. Likewise, discussion and understanding of cultural traditions and differing perspectives will be expressed through reading, writing, listening, and speaking in Spanish.