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EDUCATION IS CENTRAL

MISSION AND VISION STATEMENT

Enter District 108 and you will discover an energized, enthusiastic and caring learning environment.

This will be a place where lifelong learners are actively engaged in understanding, exploring and creating the world of knowledge.

We will expand beyond the door of our buildings into the community and world around us and be connected through resources, relationships, technology, and innovation. High standards and quality will be the norm and success will be a reality for all.

Listen to the voices of our community and you will hear a sense of pride, affirmation, encouragement and support. There will be a strong spirit of collaboration and togetherness.

District 108 will be a community that is alive with the excitement of learning. People will be united in the memory of a rich history, and pride of present celebrations, and hopes and dreams of the future.
WELCOME

The staff and administration hope that this registration booklet will help you plan a challenging and stimulating academic schedule. We trust you will all find a wide variety of classes designed to meet your particular needs. Careful planning now will help you meet your academic goals.

We are dedicated to and take pride in helping students as they work toward graduation. Students must make choices during the registration process that fit within the master school schedule. During the development of a student’s schedule, some students will have conflicts and an adjustment must be made. Staff and administration are available to help when these situations arise so that mutually agreed upon solutions can be made. Students are always encouraged to use every possible resource in the high school to make wise course selections. We strongly encourage Parents to help their sons and daughters in the registration process.

On behalf of the entire faculty and staff at Central High School, welcome to a new school year, we are glad you are here with us.
2020-2021

PRE-REGISTRATION INSTRUCTION FORM

In an attempt to build the best possible master schedule, we design our schedule based on data received from you in our pre-registration process. This process allows students (grades 9-12) to develop their own daily schedule based on our master schedule. Students will be given instructions on this process prior to registration. The following points will help you keep in mind what you need to do as you complete your registration form.

1. The required class load is a minimum of 6 regular classes for each semester so check carefully before returning your form.

2. Complete your daily schedule by filling in the schedule form available to you on the registration form. You need to have your English and Math teacher initial next to that class. You must bring the registration form with you, with parent signature, on your scheduled registration day. A parent signed registration form is required for admittance to the Registration area.

3. Be sure your portfolio of courses meets the admission requirements of colleges or technical schools you plan on applying to.

4. Vocational courses are IMPORTANT - choose them wisely. Remember you must have 1 credit from the Vocational area for graduation.

5. Be sure you make informed choices. Take advantage of all your opportunities to research and plan.

6. Be sure to check prerequisite courses in the course description book.

7. RE-REGISTER for failed required courses. See the Counselor to be sure. You may be required to make up classes during the summer or Independent Study in Extended Day or Online Plato Recovery.

8. Be sure you meet all CHS required courses for graduation. It's your responsibility to check with the Counselor if you are not sure.

9. Your choice of classes for Pre-registration/alternates will help in the process of determining the classes and Master Schedule for 2020-2021.

COURSE REGISTRATION INFORMATION

The Registration Handbook has been prepared to assist students in selecting courses for next year. Central High School offers a wide variety of diverse and challenging learning opportunities. There are many choices and decisions involved in planning a high school program to meet your unique needs. Your success is important to us and the following suggestions may help you in this process.

1. Discuss your plans with parents, counselors, and teachers as they can provide valuable insight.
2. Select courses that will meet district and state graduation requirements as well as support future educational and career goals,
3. Participate in courses designed to satisfy current interests, curiosity, and the development of personal skills.
4. Employ as many resources within the school as necessary to assist you in planning an effective overall educational program.

As part of our ongoing commitment to provide a high quality education, we expect students to:

1. Be aware of summer requirements for fall classes.
2. Invest their best efforts in their academic and co-curricular activities.
3. Accept responsibility for their learning, decisions and actions.
4. Treat staff and each other with respect.
5. Due to class scheduling, students need to be aware and honor the class choices they make, as changes are not always possible.
SCHEDULE CHANGE INFORMATION

During summer, schedule changes can only be made during “Back to Business Days”. Phone calls and emails regarding schedule changes will not be accepted.

To make schedule changes once school starts, students must make changes during the first four days of the semester. Please note that the counselor will only be making schedule changes during the first four days of each semester.

Because a thorough registration process occurred in February that determined section numbers and teacher allocations, schedule change requests can only be made for the following reasons:

1. The student does not have the prerequisite(s) for the class listed.
2. The student failed a class.
3. There is an obvious error (two classes scheduled at the same time).
4. A class that is needed to graduate is not listed or was dropped from the schedule.
5. The schedule is unbalanced.

Due to the importance of keeping our class size as low as possible, changes cannot be accepted for the following reasons:

1. The student has not completed summer requirements.
2. To request a specific teacher or hour.
3. To have a class with a friend.
4. To have a specific lunch period.

DROPPING A CLASS

As a way to encourage students to take risks in pursuit of academic excellence, a student may drop a seventh subject excluding Study Skills through the tenth week of a given semester. The student will not earn any credit and will receive a withdrawal (W) mark for the semester. A student may drop and add a sixth subject within the first week of the semester (with parent permission). If a student drops a sixth subject after the first week, a “F” grade will be recorded.
CREDIT AND CLASS REQUIREMENTS

ENGLISH
- 9th grade: Freshman Literature and Composition (Year)
  Or Accelerated Freshman Literature and Composition (Year)
- 10th grade: American Literature and Composition (Year)
  Or Accelerated American Literature and Composition (Year)
- 11th grade: Junior Literature and Composition (Year)
  Or AP English Language and Composition/CE College Composition (Year)
- 12th grade: English courses equivalent to ONE year with the following options:
  Senior Literature and Composition (Teacher Approval) (Year)
  Or Essentials of Speaking and Listening (Semester)
  Or Business Writing (Semester)
  Or CE Literature (Semester)
  Or AP English Literature and Composition (Semester)
  Or AP English Language and Composition/CE College Composition (Year)

TOTAL - 4 CREDITS

SOCIAL STUDIES:
- Civics I & II (9th Grade)
- American History 10 or AP American History (10th Grade)
- World History or AP World History (11th Grade)
- Economics/Geography (12th Grade)

TOTAL - 4 CREDITS

MATH:
- Intermediate Algebra or Intermediate Algebra B
- Accelerated Geometry or Geometry or Geometry B
- Accelerated Algebra II or Algebra II or Algebra II B

TOTAL – 3 CREDITS

SCIENCE:
- Science 9 - Physical Science
- Biology
- 1 additional Science Credit

TOTAL – 3 CREDITS

PHYSICAL EDUCATION/HEALTH
- Physical Education 9
- Physical Education 10

TOTAL – 2 CREDITS

VOCATIONAL:
- Welding
- Advanced Welding
- Animal Science *
- Building Construction I
- Building Construction II
- Natural Resources Science *
- Landscaping *
- Small Gas Engines
- Small Gas Engines II
- Wildlife Conservation *
- Advanced Woods
- Intermediate Woods
- Basic Woods

*These classes will meet Science requirements for graduation.

TOTAL - 1 CREDIT

FINE/PERFORMING ARTS:
- 1 Credit from Art, Music (Choir/Band), Media Arts, Video Productions,
  Web Design & Graphic Arts, or Fundamentals of Music/Writing & Theory

TOTAL – 1 CREDIT

TOTAL – 18 CREDITS

In addition to these 18 credits, students must complete 5.5 additional credits as electives. The total credits required for graduation is 23.5.
GRADE LEVEL CREDIT REQUIREMENTS

To be admitted as a member of a particular class at Central High School, a student must meet the following requirements:

9th grade:  Must have met all Middle School requirements.
10th grade: Accumulation of 6.0 credits
11th grade: Accumulation of 12.0 credits
12th grade: Accumulation of 18.0 credits

Admission through transfer from another school requires a transcript in writing indicating accumulation of credits equivalent to the above guidelines.

GRADE POINT CALCULATION

Central High School GPAs (Grade Point Averages) are based upon a 4.0 scale. The following numerical values are assigned to letter grades received:

<table>
<thead>
<tr>
<th>Letter Grade</th>
<th>College Courses</th>
<th>Regular Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
<td>4.00</td>
</tr>
<tr>
<td>A-</td>
<td>3.67</td>
<td>3.67</td>
</tr>
<tr>
<td>B+</td>
<td>3.33</td>
<td>3.33</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
<td>3.00</td>
</tr>
<tr>
<td>B-</td>
<td>2.67</td>
<td>2.67</td>
</tr>
<tr>
<td>C+</td>
<td>2.33</td>
<td>2.33</td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
<td>2.00</td>
</tr>
<tr>
<td>C-</td>
<td>1.67</td>
<td>1.67</td>
</tr>
<tr>
<td>D+</td>
<td>1.33</td>
<td>1.33</td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
<td>1.00</td>
</tr>
<tr>
<td>D-</td>
<td>0.67</td>
<td>0.67</td>
</tr>
<tr>
<td>F</td>
<td>0.00</td>
<td>0.00</td>
</tr>
</tbody>
</table>

WEIGHTED GRADING

In an effort to encourage students to take our most academic rigorous courses, we are giving added weight to all AP and Con-Current Enrollment courses. These courses will be graded on a five point scale compared to a four point scale for all other courses. The point comparison will be as follows:

<table>
<thead>
<tr>
<th>College Courses</th>
<th>Regular Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>5</td>
</tr>
<tr>
<td>B</td>
<td>4</td>
</tr>
<tr>
<td>C</td>
<td>3</td>
</tr>
<tr>
<td>D</td>
<td>2</td>
</tr>
<tr>
<td>F</td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>1</td>
</tr>
<tr>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>
MATH GRADUATION REQUIREMENTS

Graduation Standards  Students must complete three credits from the following groups to meet graduation requirements.

Route 1
Accelerated Geometry
Accelerated Algebra II
CE Pre-Calculus
CE Calculus

Route 2
Intermediate Algebra
Geometry
Algebra II
Adv. Math

Route 3
Intermediate Algebra B
Geometry B
Algebra II B

To meet the CHS math credit requirements and the Minnesota math standards, students must complete three years of high school math.

For students planning on attending a 4-year college, you are required to take Algebra II or Accelerated Algebra II. It is highly recommended to take higher level math classes beyond Algebra II.

Students taking Route 1 are preparing for the Concurrent Enrollment classes of Pre-Calculus and/or Calculus. These are Southwest Minnesota State University courses taught at Central for college credit. Students taking these classes can earn college credits that can transfer to most all colleges the students may choose. Students who do not qualify for Pre-Calculus will take Advanced Math.

Students taking Route 3 generally are those who are planning on attending a vocational school, entering the military, or entering the work force following graduation. These classes do not meet NCAA requirements.

Students who fail 1st semester of a math class will either:
1.) Juniors: Will remain in current math class, but must retake 1st semester of failed class during the following year.
2.) Gr. 9-10: Students will have to retake the full year of math during the next school year.

If students fail a 2nd semester math class, they must retake the full year of math during the next school year.

8th grade Algebra is not considered a high school Math credit.

Required for all Algebra II classes and higher – TI83 or TI84 Graphing Calculator
Required for Intermediate Algebra and all Geometry classes – Scientific Calculator.
TI89 Calculators will not be allowed in any math classes.
## POST-HIGH SCHOOL RECOMMENDATIONS

### COLLEGE BOUND AND COMMUNITY COLLEGE WITH INTENT TO TRANSFER:

The following are course recommendations and CHS classes that fulfill these recommendations.

<table>
<thead>
<tr>
<th>Years of English:</th>
<th>4 Years of English:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>English/Literature 9-12</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Years of Science:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Years of Science:</td>
</tr>
<tr>
<td>Physical Science</td>
</tr>
<tr>
<td>Biology</td>
</tr>
<tr>
<td>CE Biology</td>
</tr>
<tr>
<td>Chemistry</td>
</tr>
<tr>
<td>AP Chemistry</td>
</tr>
<tr>
<td>Physics</td>
</tr>
<tr>
<td>Human Anatomy &amp; Physiology</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Years of Social Studies:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 Years of Social Studies:</td>
</tr>
<tr>
<td>Civics 9</td>
</tr>
<tr>
<td>American History 10</td>
</tr>
<tr>
<td>World History</td>
</tr>
<tr>
<td>Economics/Geography</td>
</tr>
<tr>
<td>Psychology</td>
</tr>
<tr>
<td>AP Psychology</td>
</tr>
<tr>
<td>CE Psychology</td>
</tr>
<tr>
<td>AP American History</td>
</tr>
<tr>
<td>AP World History</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Years of Mathematics:</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-4 Years of Mathematics:</td>
</tr>
<tr>
<td>Intermediate Algebra</td>
</tr>
<tr>
<td>Accelerated Geometry or Geometry</td>
</tr>
<tr>
<td>Accelerated Algebra II or Advanced Algebra II</td>
</tr>
<tr>
<td>Advanced Math</td>
</tr>
<tr>
<td>Pre-Calculus CE</td>
</tr>
<tr>
<td>Calculus CE</td>
</tr>
<tr>
<td>Statistics CE</td>
</tr>
<tr>
<td>College Algebra</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Years of Fine Arts:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Year of Fine Arts:</td>
</tr>
<tr>
<td>(U of M and others now require 1 credit of Art)</td>
</tr>
<tr>
<td>Art Electives</td>
</tr>
<tr>
<td>Band</td>
</tr>
<tr>
<td>Choir</td>
</tr>
<tr>
<td>Media Arts</td>
</tr>
<tr>
<td>Video Productions</td>
</tr>
<tr>
<td>Web Design &amp; Graphic Arts</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Years of Foreign Language:</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3 Years of Foreign Language:</td>
</tr>
<tr>
<td>German I, II, and III</td>
</tr>
<tr>
<td>Spanish I, II, and III</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Computer Science:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Computer Science:</td>
</tr>
<tr>
<td>See Computer Electives</td>
</tr>
</tbody>
</table>

### VOCATIONAL INSTITUTE/TECHNICAL COLLEGE

Very little can be generalized about such schooling. Many programs are very specific. Check with the school and program you are planning to attend to be sure you take the classes they require for admission. Bear in mind that many vocational courses require basic skills in Algebra, Geometry, and the Sciences.
Technical College Career Pathway
Recommended High School Sequence of Courses

Eighty percent of future job opportunities will require some education after high school, but not necessarily a four-year degree. The Technical Preparation program at CHS, is based on a blending of core academic courses, vocational courses and skills competency training whose goal is to effectively prepare students for advanced work at a technical college level.

<table>
<thead>
<tr>
<th>Year/Pathway</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td>English/Language Arts General Post-Secondary Pathway</td>
<td>Freshman Literature and Composition</td>
<td>American Literature</td>
<td>Junior Literature and Composition</td>
<td>Business Writing (S1/S2) Speech (S1/S2) Senior English – By approval (Year)</td>
</tr>
<tr>
<td>English/Language Arts Four-Year University Pathway</td>
<td>Accelerated Freshman Literature and Composition</td>
<td>Accelerated American Literature</td>
<td>AP English Language &amp; Composition/CE College Composition (Year)</td>
<td>CE Literature (S1/S2) AP English/Literature &amp; Composition (S1/S2) AP English Language &amp; Composition/CE College Composition (Year)</td>
</tr>
<tr>
<td>Civics</td>
<td>American History</td>
<td></td>
<td>World History</td>
<td>Economics &amp; Geography</td>
</tr>
<tr>
<td>Physical Education Health</td>
<td>Physical Education Health</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

These classes will meet Science requirements for Graduation
Animal Science
Adv. Animal Science
Natural Resources Science
Landscaping
Wildlife Conservation
Food Science
Food Science II
Minnesota Career Fields, Clusters & Pathways

Legend:  ■ = Career Cluster  ▷ = Career Pathway  Explanation provided on reverse side.
Minnesota Career Fields, Clusters & Pathways Chart Explanation

FOUNDATION KNOWLEDGE AND SKILLS

Foundation Knowledge and Skills, located in the centermost circle of the Minnesota Career Fields, Clusters & Pathways chart, represent the base from which to build work and college readiness.

See Reverse Side

Minnesota Programs of Study

The Minnesota Career Fields, Clusters & Pathways chart, on the reverse side, graphically depicts the organizing framework of the foundation knowledge and skills, career fields, career clusters, and career pathways that Minnesota will use for developing programs of study in career and technical education. Once developed, learners at various levels (high school, collegiate, or workforce training level) will then be able to choose from several individual programs within a program of study in order to attain the specific knowledge, skills and abilities needed to pursue a career of their choice.

Programs of study are sets of aligned programs and curricula that begin at the high school level and continue through college and university certificate, diploma and degree programs. The following are some of the key elements that underlie the definition:

- Competency based curricula tied to industry expectations and skill standards;
- Sequential course offerings that lead to manageable "stepping stones" of skill building, high school graduation and postsecondary education completion;
- Flexible course and program formats convenient for learner segments;
- Course portability for seamless progression; and
- Connections between high school and postsecondary education, skill progression, and career opportunities that align academic credentials with job advancement in high-skill, high-wage or high-demand occupations.

October 2007
If you want to practice and play your freshman year at a NCAA Division I or Division II college, you must satisfy the requirements of NCAA Bylaw 14.3, community known as Proposition 48. Bylaw 14.3 requires you to:

1. Graduate from high school.
2. Attain a grade-point average of 2.300 (based on a maximum of 4.00) in a successfully completed core curriculum of at least 16 core courses. This core curriculum includes 4 years of English, 3 years of Mathematics courses at the level of Algebra I or above, 2 years of Natural or Physical Science (including 1 laboratory class, if offered by the high school), 2 years of Social Science, 1 additional year of English, Math or Natural/Physical Science, and 4 years additional classes from above areas listed or foreign language and philosophy. Some core curriculum classes taken at Central High School in English, Social and Math may not meet the NCAA requirements. A list of those courses that do meet NCAA requirements is given below. A core course is defined as “a recognized academic course designed to prepare a student for college level work (as opposed to vocational or personal-service courses)”. Fundamental level courses do not count as a core class.
3. Achieve an 820 combined score on the recentered SAT verbal and math sections or a sum of scores of at least 68 on the ACT.
4. Senior year: Complete the NCAA Student Release Form which is located at [www.ncaaclearinghouse.net](http://www.ncaaclearinghouse.net)

Academic Standards were raised to ensure that student-athletes are better prepared to handle college-level academic work. Starting in August 2016, student athletes must earn at least a 2.3 grade point average in the required core courses and achieve a minimum standardized test score (ACT/SAT) according to the NCAA Initial Eligibility sliding scale. Additionally, at least 10 of the required 16 core courses must be earned prior to the start of the senior year, and seven of those must be completed in English, Math or Science courses. All future student athletes need to understand that academic success starts during their freshman year in high school, which will create opportunities for success on the field and in life.

Your SAT or ACT must be taken on a national testing date. You may combine SAT or ACT scores achieved on more than one national testing date to meet the test-score requirement. Information regarding national testing dates is available through the Guidance Office. Ask your high school Guidance Counselor for a NCAA Initial-Eligibility Clearinghouse Application or contact the NCAA office for the NCAA Guide to the College Freshman Eligibility Requirements for NCAA Division I and II Institutions. The guide contains a detailed description of 14.3 requirements. Some of these requirements may change due to NCAA review of Bylaw 14.3. If you have questions or want more details, contact the Guidance Office or the Athletic Office. Below is the list of approved courses for NCAA eligibility.

### ENGLISH
- 9th Composition
- 9th Literature
- American Literature/Accelerated
- AP Language & Composition
- AP Literature
- British Literature
- Creative Writing
- Poetry
- Science Fiction

### SOCIAL SCIENCE
- American History 10
- Global Issues
- Senior Social I
- Senior Social II
- World Cultures/Geography

### NATURAL PHYSICAL SCIENCE
- Biology (lab)
- Physical Science 9 (lab)
- Physics (lab)
- Human Anatomy & Physiology (lab)

### MATHEMATICS
- Algebra I
- Algebra II/Accelerated
- Calculus I
- Calculus II
- Calculus/AP
- Calculus/CE
- Geometry/Accelerated
- Math 1100 College Algebra & Probability
- Math 1500 Pre-Calculus
- Math 1510 Calculus I
- Math/Adv
- Pre-Calculus 2/CE

### ADDITIONAL CORE CLASSES
- German I
- German II
- Spanish I
- German II
- Spanish II
- German II
- Spanish III

Meeting the NCAA academic requirement does not guarantee your admission into a college. You must apply for college admission.
HIGH SCHOOL GRADUATION INCENTIVES

If you are middle level, senior high, or adult learner and have experienced or are experiencing difficulty in an educational system, there are educational options available through your local school district. The High School Graduation Incentives (HSGI) Act was established to provide incentives and encouragement to learners that are working to complete their high school education. Learners 16 through 20 are eligible to choose their school program under HSGI if they are:

* at least two grade levels below the performance level for students of the same age in a locally determined achievement test; or
* at least one year behind in satisfactorily completing course work or obtaining credits for graduation; or
* pregnant or is a parent; or
* been assessed as chemically dependent; or
* been physically or sexually abused; or
* experienced mental health problems; or
* been homeless sometime in the last six months; or
* been excluded or expelled from school; or
* been referred by the school for enrollment in an eligible program or an alternative program.

If you are interested in this educational option or would like more information on other secondary enrollment options, please contact Caitlin Featherman, Counselor at 467-7108.

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. 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.
ADVANCED PLACEMENT

Advanced Placement (AP) is a national program that allows students in high school to take college level classes. The curricula for these classes are the same as those taught on a college campus; therefore, it is important students understand that an AP course is significantly more difficult than a high school course. Since students may take AP exams that could qualify them for college credit, students are expected to think, analyze and produce at a college level. This means that the volume of homework, between one and two hours of homework for every class meeting, the tests, and the types of assignments in an AP course require students to plan their schedule carefully so they can give the course the kind of time it will demand if a student is to be successful. Students should consider not only their own academic background and commitment, but also their overall course load, job responsibilities, and co-curricular activities when deciding to register for AP classes.

AP exams are offered in May, and students who take AP classes are encouraged to take the exams. Selective college and universities look favorably on students who have challenged themselves in high school through a rigorous academic program such as AP. Students who score well enough on AP exams are often given college credit for these classes at the college of their choice.

We believe that choice is the best option for our students; therefore, we allow any student who wants the challenge of an AP class to enroll. Students and parents should discuss this choice with our counselor if they have concerns about the student’s ability to handle the level of work required in the AP class.

CHS offers the following AP courses:
- AP Calculus
- AP Chemistry
- AP Drawing Portfolio
- AP English Literature and Composition
- AP English Language and Composition
- AP History
- AP Psychology

COLLEGE IN THE SCHOOLS (CIS) CONCURRENT ENROLLMENT

Students have the opportunity to take college level classes, for college credit, here at Central High School. Central High School Staff teach these academic rigorous courses. Currently, CHS offers the following college courses:

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>Pre-Calculus</td>
<td>5 Credits – Year</td>
<td></td>
</tr>
<tr>
<td>Calculus</td>
<td>5 Credits – Year</td>
<td></td>
</tr>
<tr>
<td>Statistics</td>
<td>3 Credits – Semester</td>
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<tr>
<td>College Algebra</td>
<td>3 Credits – Semester</td>
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<tr>
<td>College Psychology</td>
<td>4 Credits – 2nd Semester</td>
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<td>College Biology</td>
<td>4 Credits – Semester</td>
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<td>College Language</td>
<td>5 Credits – Year</td>
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</tr>
<tr>
<td>College Literature</td>
<td>3 Credits – Semester</td>
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</tbody>
</table>

These classes, along with our AP offerings provide students with the opportunity to earn up to 37 college semester credits.

Refer to the course descriptions for CE Pre-Calculus, CE Calculus, CE Statistics, College Algebra, College Psychology, College Biology, College Language, and College Literature for more information.

We are currently working to add additional college courses to our list of course offerings.
COURSES AVAILABLE FOR COLLEGE CREDIT

College in Schools - Southwest Minnesota State University

See Course Description on page:

1. Pre-Calculus 5 Credits 43
2. Calculus 5 Credits 44
3. Statistics 3 Credits 45
4. College Algebra 3 Credits 46
5. College Literature 3 Credits 36

College in Schools - Minnesota State-Mankato

1. College Biology 4 Credits 56
2. College Psychology 4 Credits 69

Advanced Placement Courses (AP)

1. Drawing Portfolio 25
2. English Language and Composition 32
3. English Literature and Composition 35
4. Calculus 44
5. Chemistry 57
6. Psychology 68
7. History 70

Articulated Courses: (See Course Description)

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<th>Business</th>
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<td>Accounting II</td>
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<tr>
<td>Web Design &amp; Graphic Arts</td>
<td>27</td>
</tr>
<tr>
<td>Personal Finance</td>
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</tr>
</tbody>
</table>

CONCURRENT ENROLLMENT

CHS offers Concurrent Enrollment courses through Southwest Minnesota State University and Minnesota State-Mankato. Through the Concurrent Enrollment partnership (CEP), qualified students can earn free college credit prior to high school graduation. The concurrent enrollment program offers college courses to high school students:

- Taught by high school teachers with similar credentials to college faculty
- In the high school
- During the regular school day

Refer to the course descriptions for CE Pre-Calculus, CE Calculus, CE Statistics, College Algebra, College Composition, College Literature, College Biology, and College Psychology for more information.
COURSE TITLE: ANIMAL SCIENCE  
GRADE LEVEL: 9, 10, 11, 12  
COURSE NUMBER: 702  
CREDITS: 1/2 CREDIT  
PREREQUISITE: NONE  
SEMESTER COURSE  

COURSE DESCRIPTION:  
Domesticated animals are all around us in our everyday life. Being domesticated, these animals depend on man to provide care, shelter, food, and other needs. Animal Science explores the concepts and practices that help these animals provide us with companionship, entertainment, food, and more. Included in this class are concepts relating to production livestock, poultry, and companion animals. Among the major units of study are animal uses, body systems, health, nutrition and digestion, and reproduction. Beyond animal systems, the class will cover concepts relating to production animals, such as dairy and beef cattle, poultry, and swine. Additionally, companion animals of all sizes will be covered, including horses, dogs, cats, and more. Time will be spent exploring various careers in animal science, including veterinary work.

This course can be used to meet science requirements toward high school graduation.

COURSE TITLE: LANDSCAPING  
GRADE LEVEL: 9, 10, 11, 12  
COURSE NUMBER: 705  
CREDITS: 1/2 CREDIT  
PREREQUISITE: NONE  
SEMESTER COURSE  

COURSE DESCRIPTION:  
Landscaping impacts many aspects of our world, beautifying much of our outdoor surroundings. There is a science and art to landscaping. Design elements, plant and soil health, proper installation and maintenance and overall aesthetics are all important to good landscaping practices. Be aware that the curriculum of this course is such that it is basically a plant science class with a landscaping emphasis. Topics include concepts of plant physiology, including plant parts, processes, growth regulators, pruning, propagation, management and more. This class explores soils, rock, block, concrete, and other landscaping materials. Included in the course is a focus on landscape design, including scale drawings and landscape symbols as well as tree, shrub, and flower selection. Practical skills relating to lawn care, tree trimming, drainage, fertilizers, and pesticides are all included in the Landscaping class. Basics of gardening, composting, mulch, and other such practices will be integrated. The class will also explore the world of landscaping and plant-related careers. At times subject matter will also include concepts related to agronomy (field crop production)

This class can be used to meet science requirements toward high school graduation.
COURSE TITLE: NATURAL RESOURCES SCIENCE
GRADE LEVEL: 9, 10, 11, 12
COURSE NUMBER: 706
CREDITS: 1/2 CREDIT
PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION:
Just like Wildlife Conservation, Natural Resources Science is a great fit for any student who enjoys the great outdoors. We're surrounded by natural resources and products made from them every day of our life. It's as important as ever to appreciate these resources and conserve them for the future. This class delves into a wide variety of interesting topics. Major units of study include an introduction to environmental science and a study of ecosystems, such as: wetlands, forests, and prairies. The class also covers sustainability, waste management and landfills, the impact of chemicals and other pollutants, soil conservation and erosion, land use, water quality, and air quality. Connections will also be made to local, state, national parks, and other areas where the environment is conserved for visitors to enjoy. Students will learn about many everyday things that can be done to appreciate and take care of our natural resources.

This class can be used to meet science requirements toward high school graduation.

College Articulation: A college credit articulation program is in place with Vermillion Community College in Ely, MN for Natural Resources Science. Ask Mr. Mesik for further information.

COURSE TITLE: WILDLIFE CONSERVATION
GRADE LEVEL: 9, 10, 11, 12
COURSE NUMBER: 710
CREDITS: 1/2 CREDIT
PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION:
Wildlife Conservation is a great class for any student interested in the outdoors, wildlife, or who has an overall appreciation or curiosity for nature. Throughout history, man has had major impacts on wildlife populations, at times in a negative way. It is vital for humans to conserve and restore wildlife and habitat for future generations. Units of study include the history of wildlife exploitation and eventual conservation, wildlife endangerment, invasive species, habitat management, outdoor recreation, hunting, fishing, trapping, wildlife ecology, mammals, birds, and fish. Throughout the semester, an emphasis will be placed on species and habitat found in Minnesota, though other species are also covered. Time will also be spent exploring career options in wildlife management.

This course can be used to meet science requirements toward high school graduation.

College Articulation: A college credit articulation program is in place with Vermillion Community College in Ely, MN for Wildlife Conservation. Ask Mr. Mesik for further information.
COURSE TITLE: FOOD SCIENCE
GRADE LEVEL: 9, 10, 11, 12
COURSE NUMER: 906
CREDITS: 1/2 CREDIT
PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION:
Food chemistry has two components, a discussion period and a laboratory period which is designed to give students an opportunity to observe and conduct hands-on experiments. This course explains how water, carbohydrates, lipids, proteins, vitamins, and minerals react in foods; biochemical and functional properties, enzymes, food additives (emulsifiers, pigments, colors, flavors, preservatives, and sweeteners) and texture as related to properties in food systems and during processing. Students will also be introduced to food science through product development. As related to food chemistry, this course will also look into soil chemistry and how it relates to food production and bio-fuel chemistry with food crops.

This course can be used to meet chemistry science requirements toward high school graduation.

COURSE TITLE: FOOD SCIENCE II
GRADE LEVEL: 9, 10, 11, 12
COURSE NUMER: 907
CREDITS: 1/2 CREDIT
PREREQUISITE: FOOD SCIENCE
SEMESTER COURSE

COURSE DESCRIPTION:
This class is intended to be your farm to table experience! Food Science II will build upon the content of the introductory semester of foods class. Food is fundamental to life. Not only does it feed our bodies, but it's often the centerpiece for family gatherings and social functions. Students will take a look at farm-to-table food sourcing and cooking. Students will learn all about food, including food culture, food history, food safety, and current food trends. They will also learn about the food service industry and prepare some culinary dishes. Through hands-on activities and in-depth study of the culinary arts field, this course helps students hone their cooking skills and gives them the opportunity to explore careers in the food industry. After all this students will take their skills to the next level during an exciting restaurant experience.

This course can be used to meet chemistry science requirements toward high school graduation.

COURSE TITLE: INDEPENDENT LIVING
GRADE LEVEL: 10, 11, 12
COURSE NUMER: 722
CREDITS: 1/2 CREDIT
PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION:
So, school has prepared you for success in college or the work force, but it's possible that you might not be ready for some of the tasks that pop-up in your daily life. This class is designed to help prepare students for the little or big challenges that can face them once they are on their own after high school. In this very hands-on DIY (do-it-yourself) class, basic maintenance relating to homes and cars will be covered. Students will learn to check automotive fluids, change a tire, change oil, and more. General carpentry, electrical, and plumbing skills will be taught. Students will also learn about the basic hand and power tools that many homeowners choose to utilize. Of course, once on your own, you'll have to prepare your own meals. The class will also learn about basic, affordable meal preparation and food safety. Other topics covered will relate to budgeting, time management, and communication. In the end, students will be better prepared to take care of many of their own problems and will depend less on parents, friends, or costly repair companies to address issues that arise.
COURSE TITLE: WELDING
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 709
CREDITS: 1/2 CREDIT
PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION:
Welding consists of working with a variety of metals and a variety of welding and metal cutting equipment. The course will include a great deal of hands-on shop work as well as some classroom instruction. Welding techniques will be taught and practiced using MIG, TIG, SMAW and oxygen-acetylene equipment. Students will also learn the basics of brazing, oxyacetylene metal cutting, plasma cutting, grinding, blueprint reading, project planning, and more. Throughout the course, an emphasis will be placed on safety procedures and the proper use of necessary safety equipment. Students will also learn how to weld a variety of joints in a variety of positions to further refine their skills. While a College Credit Articulation Certificate is tied to this class, most students will not qualify to receive it until completion of the Advanced Welding class. The list of objectives to earn the credit is quite rigorous and accomplishing them all proficiently in one semester is a challenge to most welding students.

College Credit Articulation:
College credit can be earned by students who meet the requirements to earn an articulation certificate. The use of an articulation certificate can result in the savings of time and money as students pursue their college education. Guidelines that must be met are as follows:

A) A final grade of B or better must be earned in the class.
B) The student is a junior or senior when the certificate is earned.*
C) The certificate must be used within 2 years of earning it.
D) The student must gain final approval from the instructor to be awarded the certificate.
   *Students taking the course before their junior year can still earn a certificate by demonstrating skills and knowledge to the welding instructor at some point during their 11th or 12th grade year.

Further information on cooperating colleges and other details are available from your instructor.

COURSE TITLE: ADVANCED WELDING
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 701
CREDITS: 1/2 CREDIT
PREREQUISITE: WELDING
SEMESTER COURSE

COURSE DESCRIPTION:
Advanced Welding builds on the skills developed in Welding. Advanced welders will be given some assigned tasks to refresh welding skills, and then assigned advanced, challenging assignments in the shop. This will include, but not be limited to different electrodes, different positions, and so on. Advanced students will be assigned any and all book tasks that they did not do during their first semester of welding. Any students who did not earn the College Credit Articulation Certificate in their first semester of welding, and otherwise qualify, can achieve it through Advanced Welding.

College Credit Articulation:
College credit can be earned by students who meet the requirements to earn an articulation certificate. The use of an articulation certificate can result in the savings of time and money as students pursue their college education. Guidelines that must be met are as follows:

E) A final grade of B or better must be earned in the class.
F) The student is a junior or senior when the certificate is earned.*
G) The certificate must be used within 2 years of earning it.
H) The student must gain final approval from the instructor to be awarded the certificate.
   *Students taking the course before their junior year can still earn a certificate by demonstrating skills and knowledge to the welding instructor at some point during their 11th or 12th grade year.

Further information on cooperating colleges and other details are available from your instructor.
COURSE TITLE: SMALL GAS ENGINES  
GRADE LEVEL: 10, 11, 12

COURSE NUMBER: 707  
CREDITS: 1/2 CREDIT

PREREQUISITE: NONE  
SEMESTER COURSE

COURSE DESCRIPTION:

Students will use classroom and laboratory exercises to learn the engine operating principles of 2 and 4 stroke cycle engines. The engine systems of ignition, compression, and carburetion will be covered along with areas of maintenance, fuels and lubricants. Hand and power tool identification and use will be a part of the class throughout the semester as well. Precision measurement will also be covered, including the use of micrometers, calipers, and other specialty tools. The class will include the complete disassembly, inspection and reassembly of at least one small engine, provided by the school or brought in from home. Throughout the semester, small engine concepts will be related to automotive applications as well. Time will also be spent exploring mechanical careers.

College Credit Articulation:

College credit can be earned by students who meet the requirements to earn an articulation certificate. The use of an articulation certificate can result in the savings of time and money as students pursue their college education. Guidelines that must be met are as follows:

A) A final grade of B or better must be earned in the class.
B) The student is a junior or senior when the certificate is earned.*
C) The certificate must be used within 2 years of earning it.
D) The student must gain final approval from the instructor to be awarded the certificate.

*Students taking the course before their junior year can still earn a certificate by demonstrating skills and knowledge to the instructor at some point during their 11th or 12th grade year.

Further information on cooperating colleges and other details are available from your instructor.

COURSE TITLE: SMALL GAS ENGINES II  
GRADE LEVEL: 10, 11, 12

COURSE NUMBER: 708  
CREDITS: 1/2 CREDIT

PREREQUISITE: SMALL GAS ENGINES  
SEMESTER COURSE

COURSE DESCRIPTION:

This semester-long course continues the educational engine experience at Central High School. A majority of the time is spent in the shop, working further on engines and engine-related projects. Major engine systems, concepts, parts, tools, and maintenance are also reviewed. In addition, the course also gets more in-depth in additional engine concepts such as diesel engines, electrical systems, alternative fuels, and engine performance. Articulation certificates are available to juniors and seniors who earn them by getting a B or better. Students who took Small Gas Engines I before their junior or senior year can earn their certificates through the Small Gas Engines II class.

College Credit Articulation:

College credit can be earned by students who meet the requirements to earn an articulation certificate. The use of an articulation certificate can result in the savings of time and money as students pursue their college education. Guidelines that must be met are as follows:

A) A final grade of B or better must be earned in the class.
B) The student is a junior or senior when the certificate is earned.*
C) The certificate must be used within 2 years of earning it.
D) The student must gain final approval from the instructor to be awarded the certificate.

*Students taking the course before their junior year can still earn a certificate by demonstrating skills and knowledge to the instructor at some point during their 11th or 12th grade year.

Further information on cooperating colleges and other details are available from your instructor.
COURSE TITLE: BUILDING CONSTRUCTION I  
GRADE LEVEL: 10, 11, 12  
COURSE NUMBER: 703  
CREDITS: 1/2 CREDIT  
PREREQUISITE: NONE  
SEMESTER COURSE  

COURSE DESCRIPTION:

Building Construction I features a balance of shop tasks along with classroom exercises to build skills in a wide variety of areas. Students will work on transits to measure land distances and slope, perform concrete work, electrical wiring, masonry, carpentry and more. In addition to these skills and concepts, students will work on and learn about siding, roofing and insulation. Throughout the class, an emphasis is placed on safety and the development of sound work habits while using a wide variety of hand and power tools and measurement instruments. Time will also be spent covering construction career options.

COURSE TITLE: BUILDING CONSTRUCTION II  
GRADE LEVEL: 10, 11, 12  
COURSE NUMBER: 704  
CREDITS: 1/2 CREDIT  
PREREQUISITE: NONE  
SEMESTER COURSE  

COURSE DESCRIPTION:

The Building Construction II class builds on the foundation of construction concepts built-up during the introductory semester of class. It includes advanced-level tasks tied to a wide variety of construction skills. Ideally, the class will have a building project that is large in scope to work on as a group. And, in addition to assigned shop exercises, students will have several weeks to work on personal construction projects, such as storage sheds.

COURSE TITLE: BASIC WOODS  
GRADE LEVEL: 9, 10, 11, 12  
COURSE NUMBER: 733  
CREDITS: 1/2 CREDIT  
PREREQUISITE: NONE  
SEMESTER COURSE  

COURSE DESCRIPTION:

In this class students will be able to read construction plans, build woodworking projects, and prepare wood surfaces for finishing material. Students will operate efficiently, effectively, and safely utilize woodworking equipment to produce useable products. Students will selflessly learn how to work with others. Students will be motivated and self-directed and will strive to learn and apply goal setting techniques, organize and manage time efficiently, and assume personal responsibility for planning, construction, and finishing woodworking projects.

AREAS OF STUDY:

Safety  
Materials  
Planning and Layout  
Machine Operation  
Finishing
COURSE TITLE: INTERMEDIATE WOODS  
GRADE LEVEL: 10, 11, 12  
COURSE NUMBER: 734  
CREDITS: 1 CREDIT  
PREREQUISITE: BASIC WOODS  
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course is offered for the intermediate and advanced student interested in learning lifelong skills in the area of construction and manufacturing. The student will have a variety of areas of study to select from including cabinetmaking, carpentry and other advanced areas. During this course students will continue to build on their knowledge in planning a project, selection and use materials, including tools and machines to produce a finished product. Emphasis will be on safety and quality of workmanship. The students will do one required project and then they (with direction) will select additional projects. Selected projects should be appropriate for a student’s individual abilities. This class is about the world of work and each student will need to be in attendance and participate fully in all activities.

AREAS OF STUDY:
Safety  
Design  
Project Construction  
Machine Set-Up and Operation  
Finishing

EXPECTATIONS:
Students will design a project and build it. Proper construction techniques and machine operations are required in the construction of the project. Grading is based on the plan, construction techniques, and the finished project.

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COURSE TITLE: ADVANCED WOODS  
GRADE LEVEL: 11, 12  
COURSE NUMBER: 735  
CREDITS: 1 CREDIT  
PREREQUISITE: BASIC WOODS  
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course is offered for the intermediate and advanced student interested in learning lifelong skills in the area of construction and manufacturing. The student will have a variety of areas of study to select from including cabinetmaking, carpentry and other advanced areas. During this course students will continue to build on their knowledge in planning a project, selection and use materials, including tools and machines to produce a finished product. Emphasis will be on safety and quality of workmanship. The students will do one required project and then they (with direction) will select additional projects. Selected projects should be appropriate for a student’s individual abilities. This class is about the world of work and each student will need to be in attendance and participate fully in all activities.

AREAS OF STUDY:
Safety  
Design  
Project Construction  
Machine Set-up and Operation  
Finishing

EXPECTATIONS:
Students will design a project and build it. Proper construction techniques and machine operations are required in the construction of the project. Grading is based on the plan, construction techniques, and the finished project.
COURSE TITLE: AGRICULTURAL POWER & TECHNOLOGY  
GRADE LEVEL: 10, 11, 12

COURSE NUMBER: 725  
CREDITS: 1/2 CREDIT

PREREQUISITE: NONE  
SEMESTER COURSE

COURSE DESCRIPTION:
The focus of Agricultural Power and Technology (APT) is to expose students to mechanics, power, technology, and career options in the world of agriculture. Students participating in the APT course will have experiences in various mechanical and engineering concepts with exciting hands-on-activities, projects, and problems. Student’s experiences will involve the study of energy, tool operation and safety, material properties, machine operation, and structural components. Students will acquire the basic skills to operate, repair, engineer, and design agricultural tools and equipment. Throughout the course, students will apply the engineering principles to the construction of machines and structures.

Students will explore projects and problems similar to those that a mechanic, technician or engineer may face in their respective careers. In addition, students will understand specific connections between science, math, and technical skills applied to Supervised Agricultural Experiences and FFA Components that play an important role developing an informed agricultural education student. Students will investigate, experiment, and learn about documenting a project, solving problems, and communicating their solutions to their peers and members of the professional community.

AREAS OF STUDY:

Shop Safety  
Tool Operation  
Material Selection and Uses  
Fabrication  
Energy and Power Production  
 
Machine Components and Design  
Agricultural Structures  
Engineering  
Auto CAD Drafting  
Technical Applications of Math and Science
ON-THE-JOB TRAINING (OJT)

ON-THE-JOB TRAINING (OJT) YEAR (UP TO 3 HOURS PER DAY)

PREREQUISITE: AT LEAST ONE CAREER-TECHNICAL EDUCATION COURSE RELATED TO YOUR CAREER GOAL 2 CREDITS

COURSE NUMBER: 713

OJT provides students with the unique opportunity to apply skills they have developed in actual on-the-job settings to gain real-world work experience and further build marketable skills. Student jobs are subject to the approval of the OJT work experience coordinator and are expected to relate to the student’s career goals. In addition to working at a jobsite, students are required to actively take part in the classroom portion of the class, based on the instructor’s class expectations. Classroom coursework includes concepts of work ethic, business structure, important worker qualities, job applications, job interviews, prioritizing, and much more. Students are able to leave school to work on-the-job a maximum of 3 class periods per day. Scheduling will depend upon student credit needs, based on the counselor’s guidance. Whenever possible, students are strongly encouraged to have a solid job with consistent hours going into the school year. Students who start OJT without a job are not guaranteed that they will find employment and stay in the program.

INDEPENDENT STUDY

In addition to the available Agricultural courses, students can choose a wide variety of Independent Study options, pending prior instructor approval. If scheduling conflicts arise, most Ag classes can be taken independently. Advanced levels of other Ag classes can also be taken to further learn about concepts and skills. In addition to these options, students can work independently on one of the additional Ag College Articulation Agreements that are available. For students interested, there are college credit options they can pursue in the areas of agronomy, soils, livestock production, or electrical wiring. Students can also choose to take computer-aided drafting (CAD) independently for this course. Ask Mr. Mesik or Mr. Pehrson for details of a possible independent study course.
VISUAL ART

COURSE TITLE: DRAWING AND PAINTING STUDIO  
GRADE LEVEL: 9, 10, 11, 12

COURSE NUMBER: 651  
CREDITS: 1/2 CREDIT

PREREQUISITE: NONE  
SEMESTER COURSE

COURSE DESCRIPTION:
This course will develop basic drawing and painting skills. Concentration will be on exercises incorporating composition, the elements and principles of art, various techniques, mediums and styles of 2-D art. Critiques will help students gain an aesthetic foundation in drawing and painting.

EXPECTATIONS:
Assessment is based on class work, critiques, discussions, and student in class studio days. Studio days are usually Fridays where they will have open class room activity time. This time is given to students to explore and experiment with mediums that interest each individual.

COURSE TITLE: SCULPTURE AND CERAMICS STUDIO  
GRADE LEVEL: 9, 10, 11, 12

COURSE NUMBER: 653  
CREDITS: 1/2 CREDIT

PREREQUISITE: NONE  
SEMESTER COURSE

COURSE DESCRIPTION:
This is an ideal course for those students who really like to handle clay. Basic hand built pottery techniques learned will include pinch, coil, and slab methods creating several functional ceramic pieces. Students will also be introduced to the basics on the potter’s wheel. Sculpture projects in clay as well as other media will provide the artist the opportunity to create 3-D works by utilizing and integrating the elements and principles of art.

EXPECTATIONS:
Assessment is based on class work, critiques, discussions, and student in class studio days. Studio days are usually Fridays where they will have open class room activity time. This time is given to students to explore and experiment with mediums that interest each individual.
COURSE TITLE: DRAWING AND PAINTING STUDIO 2.0  
GRADE LEVEL: 9, 10, 11, 12  
COURSE NUMBER: 660  
CREDITS: 1/2 CREDIT  
PREREQUISITE: DRAWING AND PAINTING STUDIO  
SEMESTER COURSE

COURSE DESCRIPTION:
This visual art course emphasizes art as a means of self-expression in drawing and painting. This is designed to refine skills and techniques that were discovered in Drawing and Painting Studio. The focus is on creating a personal style, as well as applying and identifying the art elements and principles in the visual art experience.

Studio work on projects, visual journaling, and exploring art history, will develop and train students in the artistic process. These are valuable tools and concepts that can be applied in today's world.

COURSE TITLE: SCULPTURE AND CERAMICS STUDIO 2.0  
GRADE LEVEL: 9, 10, 11, 12  
COURSE NUMBER: 661  
CREDITS: 1/2 CREDIT  
PREREQUISITE: SCULPTURE AND CERAMICS  
SEMESTER COURSE

COURSE DESCRIPTION:
This course is an extension of Sculpture/Ceramics Studio. It will refine skills and techniques that were introduced in Sculpture and Ceramics Studio and will focus on creating a personal style through 3-dimensions. Wheel work, clay hand building, and reductive sculptural methods will inspire each artist as they apply the art elements and principles.

Along with hands on art training, art history, and self-evaluation, the class information will train student in the artistic processes. These are valuable tools and concepts that can be applied in today's world.

COURSE TITLE: PHOTOGRAPHY AND DESIGN STUDIO  
GRADE LEVEL: 9, 10, 11, 12  
COURSE NUMBER: 652  
CREDITS: 1/2 CREDIT  
PREREQUISITE: NONE  
SEMESTER COURSE

COURSE DESCRIPTION:
The first quarter of the course will contain various activities using a camera, taking a great photograph, looking at other artist's photographs, and focusing on the elements and principles of art in this art form. The second quarter we will work with fashion design, mechanical design, graphic design, architectural design and interior design. As the second part of the course title is DESIGN. A digital camera along with a USB chord and instruction booklet will be needed.

EXPECTATIONS:
Attending class lectures, technical exercises, demonstrations, quizzes, critiques and assigned projects. Fridays are enrichment days given to experience and explore Adobe Photoshop in the PC lab (1st quarter) and then design exercises on the internet (2nd quarter).
COURSE TITLE: INDEPENDENT STUDIO ART  GRADE LEVEL: 11, 12
COURSE NUMBER: 655  CREDITS: 1/2 CREDIT
PREREQUISITE: TEACHER PERMISSION REQUIRED  SEMESTER COURSE

COURSE DESCRIPTION:
This independent study course is for those students who can pursue their own interests in an area of art. A curriculum book is designed and stresses the development of personal styles. Each student must complete assigned projects independently.

AREAS OF STUDY:
As assigned by instructor

COURSE TITLE: AP DRAWING PORTFOLIO  GRADE LEVEL: 10, 11 (WITH PERMISSION)  12 (ELECTIVE)
COURSE NUMBER: 656  CREDITS: 1 CREDIT
PREREQUISITE: TEACHER PERMISSION REQUIRED  TWO SEMESTER COURSE

COURSE DESCRIPTION:
AP two-dimensional art is a challenging upper level course which is designed for students who have completed Drawing/Painting Studio and can apply themselves to this college foundation course. If you are interested in the practical experience of expressing yourself through this visual medium, this course will be extremely rewarding.

Students in this course will be assessed by their portfolio of artwork which demonstrates both experimentation and examination of their original artworks. A final written exam is not required for credit awarded.

AREAS OF VISUAL STUDY:
The portfolio may include many mediums including but not limited to charcoal, pencil, colored pencil, pen and ink, painting, printmaking, markers, and pastels.

EXPECTATIONS:
Two-dimensional art students will produce a minimum of 24 completed works that satisfy the requirements of Quality, Concentration, and Breadth according to the AP study art design portfolio.
BUSINESS EDUCATION
All courses classify as vocational credits
(Web Design also classifies as an art credit)

COURSE TITLE: ACCOUNTING I
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 801
CREDITS: 1/2 CREDIT
PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION:
Accounting I is a semester course designed to give students a background in basic accounting for personal and business transactions. This class is a must for students considering a career in any business field including management, entrepreneurship, finance, marketing, human resources, accounting and many more! Any company would be excited for employees that understand the basics of accounting! College Credit at MN Technical Colleges is available for those that meet the requirements.

COURSE TITLE: ACCOUNTING II
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 802
CREDITS: 1/2 CREDIT
PREREQUISITE: ACCOUNTING I
SEMESTER COURSE

COURSE DESCRIPTION:
Accounting II is a continuation of Accounting I. This is an advanced course providing a more detailed study of partnership and corporation accounting and an introduction to basic accounting and financial statement analysis. A business simulation will be completed for a merchandising business.

College credit can be earned by students who meet the requirements to earn an articulation certificate. The use of an articulation certificate can result in the savings of time and money as students pursue their college education.

COURSE TITLE: PERSONAL FINANCE
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 808
CREDITS: 1/2 CREDIT
PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION:
Adult life and adult decisions are coming fast after high school! The decisions you'll make often will take money into account. Learn more about how to keep track and manage your money. Become a better manager of your money by preparing a budget, learning more about banking services, purchasing a vehicle, completing income taxes, becoming familiar with investment options, and understanding the process of using credit and keeping a good credit score.

College credit can be earned by students who meet the requirements to earn an articulation certificate. The use of an articulation certificate can result in the savings of time and money as students pursue their college education.
COURSE TITLE: BASIC COMPUTER APPLICATIONS   GRADE LEVEL: 9, 10, 11, 12
(Introductory Microsoft Office & Google Education Apps)
COURSE NUMBER: 805   CREDITS: 1/2 CREDIT
PREREQUISITE: NONE   SEMESTER COURSE

COURSE DESCRIPTION:
This course is highly recommended for freshmen, but is valuable at any age. This class focuses on computer tools that will benefit students in both high school and college. For example, we cover MLA format, which is the style required of papers turned in beginning in 10th grade and continuing through college. Also, students will have an overview of Microsoft Office applications like Word and Excel, but also get an overview of how to best use the Google applications like Doc, Sheets, and Slides. This class is highly recommended if you are joining Central Schools for the first time as well.

College credit at MN Technical Schools can be earned by students who meet the requirements to earn an articulation certificate. The use of an articulation certificate can result in the savings of time and money as students pursue their college education.

COURSE TITLE: WEB DESIGN AND GRAPHIC ARTS   GRADE LEVEL: 10, 11, 12
(meets Fine Arts requirement)
COURSE NUMBER: 807   CREDITS: 1/2 CREDIT
PREREQUISITE: NONE   SEMESTER COURSE

COURSE DESCRIPTION:
One of the fastest growing fields is technology! The web is a huge reason for this growth. Be a part of the future! How are web pages and apps created? Why are some sites more popular than others? Why do users like some sites and apps better than other? These are questions we will answer. This course will allow students to develop a broad base of knowledge in graphics, and web design. HTML, CSS, Macromedia Dream Weaver, Flash and Fireworks will be covered for web page design. This course can be used to meet ½ credit of fine arts.

College credit at MN Technical Schools can be earned by students who meet the requirements to earn an articulation certificate. The use of an articulation certificate can result in the savings of time and money as students pursue their college education.

COURSE TITLE: MARKETING   GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 810   CREDITS: 1/2 CREDIT
PREREQUISITE: NONE   SEMESTER COURSE

COURSE DESCRIPTION:
Can you think of your favorite Super Bowl commercial? That commercial stood out to you because someone marketing that product or service thought of a way to grab your attention and make it memorable. In marketing, we will study the techniques that marketers use to market their products. We will explore how products are developed, produced, promoted, and distributed. In addition, communication, interpersonal, leadership and technology skills will be developed, as well as employability and career development strategies.
COURSE TITLE: VIDEO PRODUCTIONS
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 811
CREDITS: 1/2 CREDIT
PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION

This course will serve as an introduction to basic video/film/audio production. The goal of the course is for the student to develop the ability to capture great video images and audio, and to be able to edit those two elements together to tell a story.

INTRODUCTION FOR ENGLISH COURSES

The ability to communicate is one of the most important skills for the future. The goal of our program is to foster reading; writing; and speaking, listening, and viewing skills and strategies. Students are required to complete year-long courses for 9th and 10th in the prescribed sequence. However, in 11th and 12th grade, students may choose to follow either the general post-secondary pathway or the four-year university pathway.

<table>
<thead>
<tr>
<th>Year</th>
<th>9</th>
<th>10</th>
<th>11</th>
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<tr>
<td></td>
<td>English/Language Arts General Post-Secondary Pathway</td>
<td>English/Language Arts Four-year University Pathway</td>
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<td>Freshman Literature and Composition</td>
<td>Accelerated American Literature</td>
<td>Junior Literature and Composition</td>
<td>Speaking/Listening (S1/S2) Business Writing (S1/S2) Senior English – by approval (Year)</td>
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<td></td>
<td>Accelerated Freshman Literature and Composition</td>
<td>Accelerated American Literature</td>
<td>AP English Language and Composition/CE College Composition (Year)</td>
<td>CE Literature 120 (S1/S2) AP English Literature and Composition (S1/S2) AP English Language and Composition/CE College Composition (Year)</td>
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</tbody>
</table>
In Accelerated Freshman Literature and Composition, students will cover material at a more rigorous pace or in greater depth. Also, additional pieces of literature and writing assignments will be assigned in comparison to Freshman Literature and Composition. A summer reading requirement will be a part of this course.

COURSE DESCRIPTION:

Freshman Literature is a survey course in which students will study the major genres of literature, such as poetry, short stories, novels, and drama. Through this course, students will develop critical reading skills and employ reading strategies.

Freshman Composition includes a review of basic grammar as well as an introduction to more complex grammar elements. Students will continue to develop an understanding of the writing process: pre-writing, writing, revising, editing, and proofreading. Application of these skills will be demonstrated through classroom discussions, written assignments, and multiple paragraph compositions.

AREAS OF STUDY:

<table>
<thead>
<tr>
<th>Vocabulary Expansion</th>
<th>Grammar &amp; Usage</th>
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<tr>
<td>Reading Comprehension</td>
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<td>Literary Analysis</td>
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<tr>
<td>Elements of Literature</td>
<td>Writing Process</td>
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<tr>
<td>Speech Analysis</td>
<td>Research</td>
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</tbody>
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EXPECTATIONS:

To complete this course successfully, students must demonstrate ability to:

- Acquire, understand and use new vocabulary.
- Summarize and paraphrase main idea and supporting details.
- Read, analyze and respond to traditional, classical and contemporary works of literary merit from civilizations and countries around the world.
- Analyze and evaluate elements of literature and literary devices.
- Independent Reading and blogging requirement.
- Work through a writing process that moves from prewriting and invention to organizing, drafting, revising, and editing.
- Formulate a focused thesis.
- Gather and evaluate information from a variety of sources.
- Organize support logically and coherently.
- Incorporate source material into writing with proper documentation (MLA style).
- Understand plagiarism and its consequences.
- Correctly use punctuation, grammar, and spelling.
- Participate productively in peer revision groups.
- Independent Reading requirement.
- Extended Research, Research Paper, and Oral Presentation Requirement.
In Accelerated American Literature and Composition, students will cover material at a more rigorous pace or in greater depth. Also, additional pieces of literature and writing assignments will be assigned in comparison to American Literature and Composition. A summer reading requirement will be a part of this course.

COURSE DESCRIPTION:

Utilizing American literature, the student will actively engage in the reading process and read, understand, respond to, analyze, interpret, evaluate and appreciate a wide variety of fiction, poetic and nonfiction texts. The student will demonstrate understanding and communicate effectively through writing, listening and speaking. SUMMER READING REQUIREMENT.

AREAS OF STUDY:

Vocabulary Expansion  Reading Comprehension  Literary Analysis
Speech Analysis  Essay Writing  Speech Writing
Writing Process  Research  Style and Conventions

EXPECTATIONS:

To complete this course successfully, students must demonstrate ability to:

• Read, analyze, and respond to a variety of literary selections from distinct eras of American history.
• Understand how American literature connects to contemporary America.
• Complete the reading of at least one outside novel written by an American author.
• Analyze and question the speakers and/or source’s purpose, bias, and audience.
• Deliver a speech in a logical manner using grammatically correct language, including vocabulary appropriate to the topic, audience and purpose.
• Use print and electronic resources to access information, organize ideas, and develop speeches.
• Complete the summer reading requirement (assigned at the end of freshman year) prior to the start of sophomore year.
• Independent Reading requirement.
• Extended Research, Research Paper, and Oral Presentation Requirement.
COURSE TITLE:  JUNIOR LITERATURE AND COMPOSITION
GRADE LEVEL:  11

COURSE NUMBER:  105
CREDITS:  1 CREDIT

PREREQUISITE:  TWO ENGLISH CREDITS
2 SEMESTER COURSE

COURSE DESCRIPTION:
The student will actively engage in the reading process and read, understand, respond to, analyze, interpret, evaluate and appreciate a wide variety of fiction, poetic and nonfiction texts. The student will demonstrate understanding and communicate effectively through writing, listening, and speaking. ACT and/or Accuplacer preparation will be emphasized. For the English and Reading sections, students will analyze directions and style of questions, and they will learn best approaches for finding the answers. For the Writing section, students will study examples, brainstorm prompts, and compose essays. SUMMER READING REQUIREMENT

AREAS OF STUDY:

Research Process                Reading Comprehension                Literary Analysis
Technical and Academic Writing  Critical Reading Strategies               Test Preparation

EXPECTATIONS:
To complete this course successfully, students must demonstrate ability to:

• Read, analyze, and respond to a variety of literary selections.
• Analyze and question the speakers and/or source’s purpose, bias, and audience.
• Deliver a speech in a logical manner using grammatically correct language, including vocabulary appropriate to the topic, audience and purpose.
• Use print and electronic resources to access information, organize ideas, and develop speeches.
• Complete the summer reading requirement (assigned at the end of the sophomore year) prior to the start of sophomore year.
• Extended Research, Research Paper, and Oral Presentation Requirement.

--OR--

AP ENGLISH LANGUAGE & COMPOSITION/CE COLLEGE COMPOSITION (ENG 151) (See next page.)
COURSE TITLE: AP ENGLISH LANGUAGE & COMPOSITION
CE COLLEGE COMPOSITION (ENG 151)

GRADE LEVEL: 11, 12

COURSE NUMBER: 132
CREDITS: 1 CREDIT

PREREQUISITE: AMERICAN LITERATURE & COMPOSITION - ACCELERATED AMERICAN LITERATURE & COMPOSITION WITH MINIMUM B AVERAGE OR TEACHER APPROVAL.
MEET CE REQUIREMENTS

Students are subject to Southwest Minnesota State University withdrawal policy.

Concurrent Enrollment Eligibility from Southwest State

Students wanting to participate in a Concurrent Enrollment course will need to talk to the Concurrent Enrollment teacher or the high school guidance counselor to complete the appropriate forms and determine their eligibility for Concurrent Enrollment. Eligibility is determined by class rank or ACT score.

**Seniors** – Must have 3.0 GPA AND either be in the top half of their graduating class OR score in the 50th percentile on a nationally standardized test. Achieve at 21 or higher composite ACT and 3.0 GPA.

**Juniors** – Must have 3.0 GPA AND either be in the top third of their graduating class OR score in the 70th percentile on a nationally standardized test. Achieve at 24 or higher composite ACT and 3.0 GPA.

**Sophomores** – Top 10% of their graduating class AND score in the 90th percentile on a nationally standardized test.

COURSE DESCRIPTION:

This AP course is designed to challenge students to become critical and analytical readers of a wide variety of nonfiction. The focus is the study of language and the process of composition, synthesis, analysis, and argumentation. Students will engage in the study of a writer’s language, style, and rhetorical strategy. Students will take the AP exam in May, and they may also receive college credit upon successful completion of the AP exam. In addition, the course is offered as concurrent enrollment with Southwest Minnesota State University and designed for the college-bound students. They will receive four college credits as well as high school credit after successfully completing the course. In this essential college-level course, you will practice the skills necessary for success in college and professional writing.

AREAS OF STUDY:

**Critical Reading Strategies**

**Rhetorical Strategies**

**Invention Techniques**

**Audience Analysis**

**Analysis and Synthesis**

**Research Strategies**

**Peer Conferencing Techniques**

**Essay Development**

**Documentation**

EXPECTATIONS:

To complete this course successfully, students must demonstrate ability to:

- Work through a writing process that moves from prewriting and invention to organizing, drafting, revising and editing.
- Use critical thinking skills to read and evaluate materials, including literature, representing diverse points of view.
- Formulate a focused, substantive thesis.
- Select strategies based on audience analysis.
- Develop relevant specific support for thesis.
- Organize support logically and coherently.
- Participate productively in collaborative writing groups.
- Recognize and avoid plagiarism.
- Incorporate source material into writing with proper documentation.
- Extended Research, Research Paper, and Oral Presentation Requirements.
COURSE TITLE: SENIOR LITERATURE AND COMPOSITION  
GRADE LEVEL: 12

COURSE NUMBER: 107  
CREDITS: 1 CREDIT

PREREQUISITE: 3 ENGLISH CREDITS/TEACHER APPROVAL  
2 SEMESTER COURSE

COURSE DESCRIPTION:

This course is designed as a capstone experience, which means that its purpose is to both unify and provide a broader context for knowledge gained throughout the high school years. Part of this process is exploring connections between oneself and the rest of the world. As a seminar, this class requires regular preparation and participation by all students. The instructor will serve as a convener and facilitator rather than lecturer. The course necessitates that students assume a more active, responsible role in learning than has been possible in previous classes. In addition, students will read historical and contemporary nonfiction. Students will demonstrate understanding through discussion and written responses. A test prep (Accuplacer) element will be included.

AREAS OF STUDY:

Written and Oral Communication  
Research and Development
Audience and Task Analysis  
Problem Solving
Critical Reading  
Nonfiction Emphasis

EXPECTATIONS:

• To become ready to assume a professional role in the workplace;
• To apply knowledge to social problems and their amelioration;
• To appreciate multiple perspectives on controversial topics; and
• To develop written and oral communication skills that will assist in future professional presentations.
• To generate questions and comments to tailor the class periods to student needs.
• To present information and facilitate discussions on these topics.
• To describe in a written format the most important things you learned in the course.
• Extended Research, Research Paper, and Oral Presentation Requirement.

--OR TWO OF THE FOLLOWING COURSES--

COURSE TITLE: ESSENTIALS OF SPEAKING AND LISTENING  
GRADE LEVEL: 12

COURSE NUMBER: 108  
CREDITS: 1/2 CREDIT

PREREQUISITE: 3 ENGLISH CREDITS  
1 SEMESTER COURSE

COURSE DESCRIPTION:

This course teaches the use of verbal and nonverbal communication to organize and deliver effective oral presentations. Additional emphasis is placed on identifying and overcoming listening barriers.

EXPECTATIONS:

• Develop critical thinking skills
• Develop effective outlining skills
• Develop effective research practices
• Develop effective speech composition
• Select, analyze, and adapt purpose, audience, occasion
• Use evidence and forms of supporting material
• Prepare and present information including effective visual aids
• Develop effective delivery skills
• Develop effective methods of speech criticism
• Develop critical listening skills
• Identify and overcome listening barriers
**COURSE TITLE:** BUSINESS WRITING

**GRADE LEVEL:** 12

**COURSE NUMBER:** 109

**CREDITS:** 1/2 CREDIT

**PREREQUISITE:** 3 ENGLISH CREDITS

**1 SEMESTER COURSE**

**COURSE DESCRIPTION:**
This course develops skills that are found useful or necessary in the workplace. Among these skills are the following: writing memos, letters, and reports; conducting primary and secondary research; creating and interpreting charts and graphs; analyzing tasks or processes; improving listening and speaking skills; solving problems and resolving conflicts. Students will discover and evaluate their learning/working styles and improve their study skills. This course emphasizes individual projects and small group work. To maintain reading comprehension skills, students will read works of nonfiction.

**AREAS OF STUDY:**
Research and Development       Audience and Task Analysis       Reading Comprehension
Peer Collaboration             Critical Reading Strategies       Technical and Academic Writing

**EXPECTATIONS:**
To complete this course successfully, students must demonstrate the ability to:
- Think critically to invent and develop projects.
- Conduct research and synthesize source material.
- Present projects through writing and speaking.
- Participate productively in collaborative groups.
- Complete the reading of two outside selections.
- Extended research, research paper, and oral presentation requirement.
COURSE TITLE: ADVANCED PLACEMENT ENGLISH
LITERATURE AND COMPOSITION
GRADE LEVEL: 12

COURSE NUMBER: 131
CREDITS: 1/2 CREDIT

PREREQUISITE: AMERICAN LITERATURE & COMPOSITION - 1 SEMESTER COURSE
ACCELERATED AMERICAN LITERATURE &
COMPOSITION WITH A MINIMUM B AVERAGE
OR TEACHER APPROVAL

COURSE DESCRIPTION:
This AP course is designed to challenge students to become analytical readers of a wide variety of fiction and nonfiction. The focus is in the study of language structure, writing style, argumentation and literary devices. Class readings will involve philosophy, social criticism, essays, drama and novels. Students must take the AP exam, and they also may receive college credit upon successful completion of the AP exam. SUMMER READING REQUIREMENT

AREAS OF STUDY:
Critical Reading Strategies  Literary Analysis  Vocabulary Expansion
Academic Writing  Speech Analysis

EXPECTATIONS:
To complete this course successfully, students must demonstrate ability to:
• Read, analyze, and respond to a variety of literary selections from distinct eras of World history.
• Understand how World literature connects to contemporary American culture.
• Proficiently pass the AP exam.
• Extended Research, Research Paper, and Oral Presentation Requirement
COURSE TITLE:  CE LITERATURE (LIT 120)  
GRADE LEVEL: 12

COURSE NUMBER: 134  
CREDITS: 1/2 CREDIT

1 SEMESTER COURSE

PREREQUISITE:  AMERICAN LITERATURE & COMPOSITION – ACCELERATED AMERICAN LITERATURE & COMPOSITION WITH MINIMUM B AVERAGE OR TEACHER APPROVAL.
MEET CE REQUIREMENTS

Students are subject to Southwest Minnesota State University withdrawal policy.

Concurrent Enrollment Eligibility from Southwest State

Students wanting to participate in a Concurrent Enrollment course will need to talk to the Concurrent Enrollment teacher or the high school guidance counselor to complete the appropriate forms and determine their eligibility for Concurrent Enrollment. Eligibility is determined by class rank or ACT score.

Seniors – Must have 3.0 GPA AND either be in the top half of their graduating class OR score in the 50th percentile on a nationally standardized test. Achieve at 21 or higher composite ACT and 3.0 GPA.

Juniors – Must have 3.0 GPA AND either be in the top third of their graduating class OR score in the 70th percentile on a nationally standardized test. Achieve at 24 or higher composite ACT and 3.0 GPA.

Sophomores – Top 10% of their graduating class AND score in the 90th percentile on a nationally standardized test.

COURSE DESCRIPTION:

LIT 120 will deepen students’ understanding of literature as an art form as well as strengthen students’ ability to read and write about short stories, poems, novels, and drama critically. For this particular section of the course, we will be looking at writings from a wide array of periods, styles, nationalities, ethnicities, and genres. The goal is not to master literature and how it works since such an endeavor is impossible. Rather, students should leave the course with a basic grasp of how literature works and specifically how the expectations of each genre define that form and how it functions. In some cases, we will also be looking at how writers play against expectations and to what effects they do so. Students will exhibit their ability to read and write about literature critically and analytically through discussions, writing assignments, presentations, and other assignments.

AREAS OF STUDY:

Critical Reading Strategies  Literary Analysis
Academic Writing  Vocabulary Expansion

EXPECTATIONS:

• Read literature more carefully and meaningfully.
• Understand a variety of reading styles and strategies for a variety of genres.
• Understand and apply the basic principles of all literary criticism.
INTRODUCTION FOR MATH COURSES

Welcome to the Central High School Mathematics Department. We are proud of the work we do at CHS, as shown by our MCA III and ACT scores, and hope to relay that to our students.

Our class offerings fulfilling Math requirements are:

- Intermediate Algebra B
- Intermediate Algebra
- Geometry B
- Geometry
- Accelerated Geometry
- Accelerated Algebra II
- Algebra II
- Algebra II B
- Advanced Math
- Practical Math
- CE Pre-Calculus
- CE Calculus
- CE Statistics
- College Algebra

CE Pre-Calculus, CE Calculus, CE Statistics and College Algebra classes are offered here through Southwest Minnesota State University and students can earn college credits for these two courses. Calculus is also an Advanced Placement (AP) class.

Students must have 3 high school math credits to qualify for a Central High School diploma.

Required for all Algebra II classes and higher – TI83 or TI84 Graphing Calculator.
Required for Intermediate Algebra and all Geometry classes – Scientific Calculator.
TI89 calculators will not be allowed in any math classes

MATH

COURSE TITLE: INTERMEDIATE ALGEBRA B
GRADE LEVEL: 9, 10
COURSE NUMBER: 201
CREDITS: 1 CREDIT
PREREQUISITE: TEACHER APPROVAL
TWO SEMESTER COURSE

COURSE DESCRIPTION:

This course is for those students not planning on going to a four year school who have struggled in math in earlier courses. This course does not meet NCAA requirements. It deals with extending arithmetic facts to situations involving variables.

AREAS OF STUDY:

- Basic Concepts
- Linear Sentences
- Slopes and Lines
- Polynomials
- Parabolas and Quadratic equations
- Fractions
- Lines and Distance
- Exponents and Powers
- Systems
- Addition, Subtraction, Multiplication, and Division in Algebra
- Factoring

EXPECTATIONS:

- Complete daily assignments
- Participate in classroom lectures
- Excellent attendance record
- Have a scientific calculator
- Grades based on daily assignments, quizzes, and tests
COURSE TITLE: INTERMEDIATE ALGEBRA
GRADE LEVEL: 9, 10, 11, 12
COURSE NUMBER: 202
CREDITS: 1 CREDIT
PREREQUISITE: NONE
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course is the first of two courses covering Algebra topics. This course is required for students planning post-secondary education. Algebra deals with extending arithmetic facts to situations involving variables.

AREAS OF STUDY:
- Basic Concepts
- Fractions
- Factoring
- Linear Sentences
- Lines and Distance
- Slopes and Lines
- Exponents and Powers
- Systems
- Polynomials
- Parabolas and Quadratic equations
- Addition, Subtraction, Multiplication, and Division in Algebra

EXPECTATIONS:
- Complete daily assignments
- Participate in classroom lectures
- Excellent attendance record
- Have a scientific calculator
- Grades based on daily assignments, quizzes, and tests

COURSE TITLE: GEOMETRY B
GRADE LEVEL: 9, 10, 11, 12
COURSE NUMBER: 203
CREDITS: 1 CREDIT
PREREQUISITE: ALGEBRA B OR TEACHER APPROVAL
TWO SEMESTER COURSE

This course is for those students not planning on going to a four year school who have struggled with math in earlier courses. This course does not meet NCAA requirements. Students taking this course will study visual patterns, sets of points, and polygons, measurement formulas, congruence, and similarity.

AREAS OF STUDY:
- Visual Patterns
- Measurement Formulas
- Sets of Points
- Congruence
- Polygons
- Similarity
- Transformations

EXPECTATIONS:
- Complete daily assignments
- Excellent attendance record
- Participate in classroom discussions
- Grades will be based on student performance on tests, quizzes, and daily work.
COURSE TITLE: GEOMETRY
GRADE LEVEL: 9, 10, 11, 12

COURSE NUMBER: 204
CREDITS: 1 CREDIT

PREREQUISITE: INTERMEDIATE ALGEBRA OR ALGEBRA 8
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This is a two semester course. Students taking this course will study visual patterns, sets of points, angles, polygons, measurement formulas, congruence and similarity. They will also work with an Automatic Drawer. Ninth grade students in this class should have had at least an A or B in Algebra 8.

AREAS OF STUDY:
- Visual Patterns
- Measurement Formulas
- Sets of Points
- Congruence
- Polygons
- Similarity
- Transformations

EXPECTATIONS:
- Complete daily assignments
- Excellent attendance record
- Participate in classroom discussions
- Grades will be based on student performance on tests, quizzes, and daily work.

COURSE TITLE: ACCELERATED GEOMETRY
GRADE LEVEL: 9, 10

COURSE NUMBER: 205
CREDITS: 1 CREDIT

PREREQUISITE: INTERMEDIATE ALGEBRA OR ALGEBRA 8
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course will involve a more thorough study of Geometry than the regular Geometry class. It will study visual patterns, sets of points, angles, polygons, measurement formulas, congruence and similarity. There will also be work done with automatic drawing software. This course is intended for students that had Algebra 8 with at least an A or B in all quarters and possible 9th grade Algebra students with teacher approval. It is also intended for those students planning on taking Route 1 that would next include Accelerated Algebra II and Pre-Calculus for classes.

AREAS OF STUDY:
- Visual Patterns
- Measurement Formulas
- Transformations
- Sets of Points
- Congruence
- Polygons
- Similarity

EXPECTATIONS:
- Complete daily assignments
- Excellent attendance record
- Participate in classroom discussions
- Grades will be based on student performance on tests, quizzes, and daily work.
COURSE TITLE: ALGEBRA II B
GRADE LEVEL: 11, 12
COURSE NUMBER: 206
CREDITS: 1 CREDIT
PREREQUISITE: GEOMETRY B OR TEACHER APPROVAL
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course is designed to move slower than the other Algebra II courses while still covering all of the minimum standards for high school graduation. It is aimed at students that have taken and passed Algebra B and Geometry B. This course will review and expand on concepts learned in both of those courses. This course is NOT meant to prepare students for post-secondary education nor is it meant to be a stepping stone into Advanced Math or Pre-Calculus. Students planning on attending a 4-year college, should take Algebra II after Algebra II B. This course does not meet NCAA requirements.

AREAS OF STUDY:
Graphing
Functions
Power and Roots
Polynomials
Exponents

EXPECTATIONS:
Complete daily assignments
Excellent daily attendance
Student participation
Grades will be based on student performance on tests, quizzes, and homework
Graphing Calculators required (TI 83 or TI84)
TI 89 may not be used.

COURSE TITLE: ALGEBRA II
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 207
CREDITS: 1 CREDIT
PREREQUISITE: GEOMETRY/GEOMETRY B & TEACHER APPROVAL
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course is designed to move slower than Accelerated Algebra II. It will prepare students for Advanced Math. This course will review concepts learned in Algebra I and Geometry, and expand the concepts to include working with exponents, logarithms, quadratics, systems of equations, and many other mathematic topics. This would be the first introduction to higher mathematics offered at colleges and universities. If a student is planning on college, this class, along with Advanced Math will cover topics necessary to pass the mathematics placement test given. This class with Advanced Math will be a stepping stone to help students pass the placement test.

AREAS OF STUDY:
Graphing
Power and Roots
Exponents
Functions
Polynomials

EXPECTATIONS:
Complete daily assignments
Excellent daily attendance
Student participation
Grades will be based on student performance on tests, quizzes, and homework
Graphing Calculators needed (TI 83 or TI84)
TI 89 may not be used.
COURSE TITLE: ACCELERATED ALGEBRA II   
GRADE LEVEL: 10, 11, 12

COURSE NUMBER: 208   
CREDITS: 1 CREDIT

PREREQUISITE: INTERMEDIATE ALGEBRA AND GEOMETRY/ACCELERATED GEOMETRY   
TWO SEMESTER COURSE

COURSE DESCRIPTION:

This course will review concepts learned in Algebra I and Geometry, and expand the concepts to include working with exponents, logarithms, quadratics, systems of equations, and many other mathematic topics. This would be the first introduction to higher mathematics offered at colleges and universities. If a student is planning on college, this course covers the topics necessary to pass the mathematics placement test given. This course is designed for students wanting to take the Southwest Minnesota State University Pre-Calculus taught here at CHS. Students taking this course should have had an A or B in Algebra 8/Intermediate Algebra.

AREAS OF STUDY:

Graphing  
Matrices  
Exponents and Logarithms

Functions  
Powers and Roots  
Polynomials

EXPECTATIONS:

Complete Daily Assignments
Excellent Daily Attendance
Student Participation
Grades will be based on student performance on tests, quizzes and homework.
Graphing Calculator Required (TI83 or TI84)
TI 89 may not be used

COURSE TITLE: ADVANCED MATH   
GRADE LEVEL: 11, 12

COURSE NUMBER: 209   
CREDITS: 1 CREDIT

PREREQUISITE: ALGEBRA II   
TWO SEMESTER COURSE

COURSE DESCRIPTION:

This course is designed for students who plan to further their education but are not planning a career that requires courses such as calculus. This course reviews basic algebra skills and applies mathematics to various careers. This course is slightly slower paced that Pre-Calculus; however, it does cover many of the same topics. This course is aimed at students that wish to continue on in math but do not feel they are ready for Pre-Calculus.

AREAS OF STUDY:

Algebra  
Series
Applications  
Statistics
Graphs  
Probability
Trigonometry  
Data Analysis
Discrete Math

EXPECTATIONS:

Daily assignments
Excellent attendance record
Grades will be based on student performance on tests, quizzes, and some daily work.
Graphing Calculator required (TI83 or TI84)
COURSE TITLE: PRACTICAL MATH

GRADE LEVEL: 12

COURSE NUMBER: 216

CREDITS: 1 CREDIT

PREREQUISITE: ALGEBRA 2B OR ALGEBRA 2

TWO SEMESTER COURSE

COURSE DESCRIPTION:

This course is designed to teach students math in the real world. Students will learn how to balance their checkbook, calculate loans, understand insurance and manage finances from a mathematical standpoint. This course will also present hands-on applications that students could use in the real world. It will also provide practice for college entrance exams, such as the Accuplacer test that students must take to get into a community/technical college. This course is designed to provide a 4th year math option for students who may struggle with math.

AREAS OF STUDY:

Managing Finance
Algebra and Geometry Review
Data Analysis
Real World Math Applications

EXPECTATIONS:

In class homework assignments
Excellent attendance record
Grades will be based on students’ performance on daily work, projects, quizzes, and tests.
COURSE TITLE: CONCURRENT ENROLLMENT PRE CALCULUS (MATH 135)  
GRADE LEVEL: 11, 12

COURSE NUMBER: 232  
CREDITS: 1 CREDIT

PREREQUISITE: ACCELERATED ALGEBRA II OR TEACHER APPROVAL  
TWO SEMESTER COURSE

Students are subject to Southwest Minnesota State University withdrawal policy.

Concurrent Enrollment Eligibility from Southwest State

Students wanting to participate in a Concurrent Enrollment course will need to talk to the Concurrent Enrollment teacher or the high school guidance counselor to complete the appropriate forms and determine their eligibility for Concurrent Enrollment. Eligibility is determined by class rank or ACT score.

Seniors – Must have 3.0 GPA AND either be in the top half of their graduating class OR score in the 50th percentile on a nationally standardized test. Achieve at 21 or higher composite ACT and 3.0 GPA.

Juniors – Must have 3.0 GPA AND either be in the top third of their graduating class OR score in the 70th percentile on a nationally standardized test. Achieve at 24 or higher composite ACT and 3.0 GPA.

Sophomores – Top 10% of their graduating class AND score in the 90th percentile on a nationally standardized test.

COURSE DESCRIPTION:

Concurrent Enrollment Pre-Calculus is a class for students considering any technical field in college. The course is also necessary for many other majors of study. Students should check with the counselor or college catalog for required classes in their areas of interest. Students will study several areas of mathematics. Through this study, students will begin to see how the various branches of mathematics come together. Students eligible for concurrent enrollment will receive college credit for this class issued through Southwest Minnesota State University. The majority of this class will be spent dealing with trigonometry. Southwest Minnesota State University offers 5 semester credits for the year of this course if students receive a grade of C or better. TI 83 or TI84 Graphing calculators are required. TI 89s will not be allowed.

AREAS OF STUDY:

Functions Graphing Techniques Rational Fractions
Trigonometry Sequences/Probability Transcendental functions
Advanced Algebra concepts

EXPECTATIONS:

1-2 hours outside daily homework
Excellent attendance record
Participate in classroom lectures
Grades will be based on student performance on tests, quizzes and final.
COURSE TITLE: CONCURRENT ENROLLMENT
CALCULUS (MATH 150)
GRADE LEVEL: 12

COURSE NUMBER: CALCULUS CE 1 - 233
AP CALCULUS – 234
CREDITS: 1 CREDIT

PREREQUISITE: PRE CALCULUS – GRADE OF B OR BETTER
TWO SEMESTER COURSE

Students are subject to Southwest Minnesota State University withdrawal policy.

Concurrent Enrollment Eligibility from Southwest State

Students wanting to participate in a Concurrent Enrollment course will need to talk to the Concurrent Enrollment teacher or the high school guidance counselor to complete the appropriate forms and determine their eligibility for Concurrent Enrollment. Eligibility is determined by class rank or ACT score.

Seniors – Must have 3.0 GPA AND either be in the top half of their graduating class OR score in the 50th percentile on a nationally standardized test. Achieve at 21 or higher composite ACT and 3.0 GPA.

Juniors – Must have 3.0 GPA AND either be in the top third of their graduating class OR score in the 70th percentile on a nationally standardized test. Achieve at 24 or higher composite ACT and 3.0 GPA.

Sophomores – Top 10% of their graduating class AND score in the 90th percentile on a nationally standardized test.

COURSE DESCRIPTION:

This course is a year long college calculus course. Students taking this course will study the following calculus topics: limits, derivatives, and integrals. Calculus is the study of mathematics and how it relates to the areas of engineering, business, and our physical world. Compared to other mathematics classes, calculus would be similar to an advanced algebra offering. Those students who took Concurrent Enrollment Pre-Calculus will receive college credit for this course. Completion of this course is equivalent to the semester course Calculus I. This is a college course. The class will move much quicker and contain much more difficult material than any of your previous math courses. Students will have to be self-motivated and willing to spend the time needed in order to succeed. Southwest Minnesota State University offers 5 semester credits for the academic year if students receive a grade of C or better. The AP test is required for all students in the spring. TI 83 or TI84 Graphing calculators are required. TI 89s will not be allowed.

AREAS OF STUDY:

Limits Integrals Advanced Algebra concepts
Derivatives Trigonometry Applications of Mathematics

EXPECTATIONS:

1-2 hours outside daily homework
Excellent attendance record
Participate in classroom lectures
Grades will be based on student performance on tests, quizzes and final.
COURSE TITLE:  CE STATISTICS  GRADE LEVEL:  11, 12
COURSE NUMBER:  235  CREDITS:  .75 CREDIT
PREREQUISITE:  ADVANCED MATH (B OR BETTER) OR IN PRECALCULUS  SEMESTER COURSE

Students are subject to Southwest Minnesota State University withdrawal policy.

Concurrent Enrollment Eligibility from Southwest State

Students wanting to participate in a Concurrent Enrollment course will need to talk to the Concurrent Enrollment teacher or the high school guidance counselor to complete the appropriate forms and determine their eligibility for Concurrent Enrollment. Eligibility is determined by class rank or ACT score.

Seniors – Must have 3.0 GPA AND either be in the top half of their graduating class OR score in the 50th percentile on a nationally standardized test. Achieve at 21 or higher composite ACT and 3.0 GPA.

Juniors – Must have 3.0 GPA AND either be in the top third of their graduating class OR score in the 70th percentile on a nationally standardized test. Achieve at 24 or higher composite ACT and 3.0 GPA.

Sophomores – Top 10% of their graduating class AND score in the 90th percentile on a nationally standardized test.

COURSE DESCRIPTION:

This class is a College Level Introduction to Statistics that measures central tendency, measures of dispersion, frequency distributions, large and small samples, testing of hypotheses, and correlation analysis. This class will use computers for statistical analysis. Southwest Minnesota State University offers 3 Semester Credits for the academic year if students receive a grade of C or better.

AREAS OF STUDY:

Sampling Techniques  Graphical Methods
Probability  Hypothesis Testing
Confidence Intervals  Distribution of Data

EXPECTATIONS:

In class homework assignments
Excellent attendance record
Grades will be based on students’ performance on daily work, quizzes, and tests.
Students are subject to Southwest Minnesota State University withdrawal policy.

Concurrent Enrollment Eligibility from Southwest State

Students wanting to participate in a Concurrent Enrollment course will need to talk to the Concurrent Enrollment teacher or the high school guidance counselor to complete the appropriate forms and determine their eligibility for Concurrent Enrollment. Eligibility is determined by class rank or ACT score.

**Seniors** – Must have 3.0 GPA **AND** either be in the top half of their graduating class **OR** score in the 50th percentile on a nationally standardized test. Achieve at 21 or higher composite ACT and 3.0 GPA.

**Juniors** – Must have 3.0 GPA **AND** either be in the top third of their graduating class **OR** score in the 70th percentile on a nationally standardized test. Achieve at 24 or higher composite ACT and 3.0 GPA.

**Sophomores** – Top 10% of their graduating class **AND** score in the 90th percentile on a nationally standardized test.

COURSE DESCRIPTION:

This course is designed to teach students who plan to further their education in college. This course reviews concepts learned in Algebra 2 with further understanding. Topics include linear algebra, quadratics and higher polynomial, trigonometry, graphs, and applications.

AREA OF STUDY:

- Algebra
- Trigonometry
- Applications
- Polynomials
- Graphs
- Data Analysis

EXPECTATIONS:

- In class homework assignments
- Excellent attendance Record
- Grades will be based on students’ performance on daily work, projects, quizzes, and tests.
- A graphing calculator is required (TI-83+ or TI84)
MEDIA

COURSE TITLE: JOURNALISM/YEARBOOK
GRADE LEVEL: 10, 11, 12

COURSE NUMBER: 53
CREDITS: 1 CREDIT

PREREQUISITE: NONE
TWO SEMESTER COURSE

COURSE DESCRIPTION:
In this course, you will be an active member of the Yearbook staff, learning copywriting, interviewing, researching, graphic design, publishing, advertising and marketing, photography and the production process. During this course, students will be expected to meet strict publishing deadlines, write and edit stories, and attend after school events to take pictures. Students will be asked to complete some tasks independently outside of class. When not working on Yearbook, students will be school journalists that will write and edit stories to be published on the school website. Students will receive tasks and instructions from the teacher and yearbook editors, editors will be chosen based on experience and availability. Students who complete the course will also receive an academic letter.
MUSIC

COURSE TITLE: 20TH CENTURY AMERICAN MUSIC  
GRADE LEVEL: 9, 10, 11, 12

COURSE NUMBER: 604  
CREDITS: 1/2 CREDIT

PREREQUISITE: NONE  
SEMESTER COURSE

COURSE DESCRIPTION:

It is a retrospective of the century of popular music and musical styles. Highlighting the impact music has played in history; the role of music in different generations. How technology has evolved and changed music and how we characterize music.

AREAS OF STUDY:

Styles of music as they trend through the century
- Classical
- Country
- Jazz/Swing
- Rock and Roll
- American Songbook

Technology
- Phonograph
- High fidelity
- Cassette/CD
- MTV

Historical Significance
- WWI, WWII
- Great Depression
- Vietnam/Counter Culture
- Civil Rights

EXPECTATIONS:

Students will have a better understanding of the music they listen to today. Students will be able to distinguish the different styles and eras of music. They will know icons and top performers in several genre's/time periods of the music/recording industry.
COURSE TITLE:  FUNDAMENTALS OF MUSIC  
MUSIC THEORY/SONGWRITING  
GRADE LEVEL:  10, 11, 12  

COURSE NUMBER:  608  
CREDITS:  1/2 CREDIT  
PREREQUISITE:  NONE  

SEMESTER COURSE  

COURSE DESCRIPTION:  
This class will be a mixed bag of the building blocks of music. Students will be introduced to the basic elements of music theory—notes, rhythm, melody, scales, chords, etc. It will include some basic (piano) keyboard skills and also approach some of the major eras of music history and major composers. This class is designed to help music and non-music students to understand the background of music and appreciate their music more.

COURSE TITLE:  CONCERT BAND  
GRADE LEVEL:  9, 10, 11, 12  

COURSE NUMBER:  601  
CREDITS:  1 CREDIT  
PREREQUISITE:  JR. HIGH BAND OR AUDITION  

TWO SEMESTER COURSE  

COURSE DESCRIPTION:  
Band members will play music of various styles to prepare for public performance. Attendance and attitude are very important. Home practice is required. Some school-owned instruments are available.

AREAS OF STUDY:  
Technical proficiency on instrument  
Proper execution of musical notation  
Proper performance etiquette  
Proper care of instrument  
Proper performance of various styles  
Jazz techniques can be learned by participating in Jazz Ensemble.

EXPECTATIONS:  
Students must have the desire and attitude to work and improve on their chosen instrument. Attendance at concerts and other performances such as pep band and the semi-annual tours is expected. Fundraising opportunities are available to help with the cost of the tours.

There are four to five major performances for the Concert Band each year (i.e. - Holiday Concert, Winter Concert, Pop Concert, and Graduation) and many minor performances (i.e. - pep band at athletic events, Memorial Day service). If a student misses a major performance, their grade will be lowered by one full grade and loose points toward their Fine Arts letter. If a student misses a minor performance, they will lose points toward their Fine Arts letter. Excuses for missing any of these performances will be considered individually. A schedule is provided at the beginning of the school year.
COURSE TITLE: CHOIR
GRADE LEVEL: 9, 10, 11, 12

COURSE NUMBER: See Course Selection Below
CREDITS: 1 CREDIT

PREREQUISITE: AUDITION FOR VOICE PLACEMENT
TWO SEMESTER COURSE

COURSE DESCRIPTION:

Students will study a wide range of vocal literature appropriate for their level of experience and maturity. The emphasis will be upon proper vocal technique as well as structural and aesthetic aspects of music. Students rehearse and memorize music for public performance and their own enjoyment. As the direct outcome of classroom learning experiences, students will be required to participate in scheduled music events including concerts, festivals, tours and contests.

Individual voice instruction is optional, but recommended.

AREAS OF STUDY:

Musical periods are studied through the music (Renaissance to Pop music)
Mechanics of music (reading notation)
Group Techniques for proper singing
Proper performance etiquette

EXPECTATIONS:

Good attendance and attitude are very important. A desire to improve one’s ability to sing is also needed. Performances in school and outside school are part of the course. Unexcused absences, at performances, will lower the grade. For ex. B to a C. Each absence will be considered individually by the Director as to whether it is excused or not. Usually there are performances in each quarter of the school year - Homecoming, Veteran's Day, Holiday Concert, Spring Concert, Contest, Pop Concert, and Commencement. A schedule is provided at the start of the school year. Also, points toward the Choir letter are earned by attending performances.

HIGH SCHOOL CHOIR OPPORTUNITIES

CONCERT CHOIR
COURSE NUMBER: 602

Auditioned male and female voices. Students must have one year of choir and/or demonstrate ability to match pitch, identify notes and rhythm patterns, and understand basic choir rehearsal expectations.

FRESHMEN CHOIR
COURSE NUMBER: 603
PHYSICAL EDUCATION/HEALTH

COURSE TITLE: PHYSICAL EDUCATION

GRADE LEVEL: 9, 10

COURSE NUMBER: PHY. ED. 9 - 503

PHY. ED. 10 - 504

CREDITS: 1/2 CREDIT

PREREQUISITE: NONE

TWO SEMESTER COURSE

COURSE DESCRIPTION:

Course will involve game introductions, basic skills, skills testing, game situations, and written test over the various activities. Students also will emphasis fitness by participating in the President's Fitness test and 5 minute runs throughout the course.

AREAS OF STUDY:

9th Grade
Speedball
Basketball
Floor Hockey
Tennis

10th Grade
Touch Football
Racquetball
Weight Lifting
Golf

Miscellaneous
Soccer
Volleyball
Bowling
Badminton
Table Tennis
Softball
Shuffleboard

EXPECTATIONS:

1. Provide your own suitable gym clothes.
2. Expected to shower after class - provide their own towels.
3. Participate in all classes except for Doctor excuses.
4. Design and implement a health enhancing fitness plan.
5. Demonstrate knowledge and skills in activities.
6. Participate in the "President’s Challenge Fitness Test".

COURSE TITLE: HEALTH

GRADE LEVEL: 9, 10

COURSE NUMBER: HEALTH 9 - 501

HEALTH 10 - 502

CREDITS: 1/2 CREDIT

PREREQUISITE: NONE

TWO SEMESTER COURSE

COURSE DESCRIPTION:

Health is taught in a classroom using the "Health Skills for Life" curriculum, textbooks and other resource materials.

AREAS OF STUDY:

Health units will cover topics in Mental Health, Disease Prevention, Substance Use and Abuse, Health Services and Consumer Health, and Nutrition and Safety.

EXPECTATIONS:

1. Attend class and bring a notebook.
2. Do various assignments and worksheets.
3. Take unit tests.

Promote:

*Health Nutrition/Dietary practices
*Physical Fitness

Reduce/Prevent:

*Intentional and Unintentional Injuries
COURSE TITLE: COMPETITIVE LEVEL SPORTS  GRADE LEVEL: 11, 12
COURSE NUMBER: 508  CREDITS: 1/2 CREDIT
PREREQUISITE: PASSING 9TH & 10TH GRADE PE  SEMESTER COURSE

COURSE DESCRIPTION:
This course is designed for the skilled athlete who seeks a higher level of skill and competition in a variety of sports. Students will be evaluated through performance in competitive leagues and tournaments, as well as time in target heart rate zone (hoping to get heart rate monitors for the department if it's within budget). This is a class for students with average or above average level of sports skill. Part of the final grade will be the students win percentage during class tournaments.

AREAS OF STUDY
- Pickleball
- Basketball
- Badminton
- Floor Hockey
- Tennis
- Ultimate Frisbee etc.

EXPECTATIONS:
- Effort
- Sportsmanship
- Positive Attitude
- PE Clothes
INTRODUCTION FOR SCIENCE COURSES

It is becoming increasingly important for students to leave high school with a functional knowledge of the world around them, including the biological world and the physical world. As new issues come up such as: ozone depletion, radioactive pollution and waste disposal, hazardous waste management, depletion of species and many more, it is vital that students gain a basic working understanding of how and why these issues could and will impact their lives. It is the goal of the science department to educate the students in the science classes at least to the level where they can make informed decisions about the world around them.

Another goal of the science department is to provide a good variety of hands-on experiences which support the lecture material. It is clear that science is no longer a field in which only those which pursue a four year degree are participants and it is vital to the students and our country to provide a good general science education to all students.

All students are required by the State of Minnesota to complete the following classes.

1. 7th grade Life Science
2. 8th grade Earth Science
3. 9th grade Physical Science

Beyond these requirements, one other science or science related class is required. The following classes are offered:

- Biology Grades 10-12 (Highly Recommended)
- Chemistry Grades 11-12*
- Physics Grades 11-12*
- Human Anatomy & Physiology Grades 11-12*

Listed above is the general sequence followed by a majority of high schools across the state. Also, it can be noted that those classes with an * either have prerequisites or suggested prerequisites.

SCIENCE

COURSE TITLE: PHYSICAL SCIENCE
GRADE LEVEL: 9

COURSE NUMBER: 301
CREDITS: 1 CREDIT

PREREQUISITE: NONE
TWO SEMESTER COURSE

COURSE DESCRIPTION:

Physical Science covers the basic concepts of Chemistry and Physics, in addition to building a foundation for further study of science. The topics covered serve to be readily applied to everyday life. This class necessitates exploratory activities with emphasis on the scientific process.

AREAS OF STUDY:

Motion, work/energy, waves, magnetism and electricity, matter, atomic structure, periodic table, chemical reactions.
COURSE TITLE: BIOLOGY  
GRADE LEVEL: 10  
COURSE NUMBER: 302  
CREDITS: 1 CREDIT  
PREREQUISITE: NONE (9th graders need Teacher Approval)  
TWO SEMESTER COURSE

COURSE DESCRIPTION:

Biology is a subject that deals with such topics as: the biological functions of life and health; the preservation, control and treatment of disease; heredity; the study of plants and animals, including their economic importance and their conservation. It is a subject that stimulates interest in the appreciation of the wonders of nature. Biology is required by many colleges and most health area occupation schools.

AREAS OF STUDY:

- Cell processes  
- The 5 Kingdoms  
- Human Anatomy  
- Ecology  
- Conservation  
- Human Anatomy

EXPECTATIONS:

Students will be required to take notes, complete assignments and follow written and verbal instruction, especially as they apply to the laboratory experience. Students will be expected to achieve at least the 60th percentile. All students will complete the graduation standard and score the best they can.

COURSE TITLE: HUMAN ANATOMY AND PHYSIOLOGY  
GRADE LEVEL: 11, 12  
COURSE NUMBER: 303  
CREDITS: 1 CREDIT  
PREREQUISITE: BIOLOGY  
TWO SEMESTER COURSE

COURSE DESCRIPTION:

This course covers the gross and microscopic structure of the human body, including cells, tissues, organs and body systems. Lab experience is provided. This is an excellent course for those interested in medicine or related fields and those considering further post-secondary education at the college or University level.

AREAS OF STUDY:

- Cells and tissues  
- Blood  
- Nervous System  
- Organ Systems  
- Circulatory System  
- Urinary System  
- Integumentary System  
- Immune System  
- Autonomic Nervous System  
- Skeletal System  
- Digestive System  
- Endocrine System  
- Muscular System  
- Respiratory System  
- Growth and Development

EXPECTATIONS:

Students will be required to take notes, complete assignments and follow written and verbal instructions especially as they apply to laboratory experiences. Students will be expected to achieve to at least the 60th percentile.
COURSE TITLE: CHEMISTRY
GRADE LEVEL: 11, 12
COURSE NUMBER: 304
CREDITS: 1 CREDIT
PREREQUISITE: Prefer them to have had Biology and at least taken full year of 10th grade math and currently enrolled in 11th grade math. 
Elective Class

COURSE DESCRIPTION:
Chemistry is a study of the material world around us from the large to the small. A basic understanding of what things are composed of could be useful to most students. In our changing world, a basic knowledge of chemicals and their potential dangers would not only be useful, but allow students to become informed involved citizens.

AREAS OF STUDY:

<table>
<thead>
<tr>
<th>Matter (Types)</th>
<th>Chemical reactions</th>
<th>Combining Elements</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atom Structure</td>
<td>Gases Acids/Bases</td>
<td>Ionic Formulas Molecular Formulas</td>
</tr>
</tbody>
</table>

EXPECTATIONS:
Students will be required to take notes, complete assignments and follow written and verbal instructions especially as they apply to the laboratory experience. Students will be expected to achieve to at least the 60th percentile.

COURSE TITLE: PHYSICS
GRADE LEVEL: 11, 12
COURSE NUMBER: 305
CREDITS: 1 CREDIT
PREREQUISITE: Prefer them to have had Biology/Chemistry and at least taken all of the “regular math” offered, not to include Pre-Calculus necessarily.
Elective Class

COURSE DESCRIPTION:
Physics is an exact natural science which relies heavily on mathematics especially algebra and trigonometry. The purpose of this class is to give the student a basis for understanding the physical world around them - for example how machines work. How to measure such quantities as speed and acceleration. The processes involved in energy utilization and production, and many other physical concepts.

AREAS OF STUDY:

<table>
<thead>
<tr>
<th>Motion</th>
<th>Matter</th>
<th>Work/Energy/Machines</th>
<th>Force</th>
<th>Magnetism</th>
</tr>
</thead>
<tbody>
<tr>
<td>a. Linear</td>
<td>a. Solid</td>
<td>Work/Energy/Machines</td>
<td>Force</td>
<td>Magnetism</td>
</tr>
<tr>
<td>b. Circular</td>
<td>b. Liquid</td>
<td>c. Gas</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Magnetic field</td>
<td>Electric field</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

EXPECTATIONS:
Students will be required to take notes, complete assignments and follow written and verbal instructions especially as they apply to the laboratory experience. Students will be expected to achieve to at least the 60th percentile.
COURSE TITLE: CE BIOLOGY                  GRADE LEVEL: 11, 12
COURSE NUMBER: 331                          CREDITS: 1/2 CREDIT
PREREQUISITE: BIOLOGY (See Paragraph Below)  SEMESTER COURSE

Concurrent Enrollment Eligibility from Mankato State

Students wanting to participate in a Concurrent Enrollment course will need to talk to the Concurrent Enrollment teacher or the high school guidance counselor to complete the appropriate forms and determine their eligibility for Concurrent Enrollment. Eligibility is determined by class rank or ACT score.

Seniors – Must rank in the top 50% of high school class *OR
         Maintain at or above a 3.0 GPA (on a 4.0 scale) *OR
         Achieve a 21 or higher composite score on the ACT exam *
         *With a satisfactory class rank, ACT score and GPA plus satisfactory college preparatory coursework 2.7 GPA

Juniors – Must rank in the top 67% of high school class *OR
          Maintain at or above a 3.3 GPA (on a 4.0 scale) *OR
          Achieve a 24 or higher composite score on the ACT exam *
          *With a satisfactory class rank, ACT score and GPA plus satisfactory college preparatory coursework 3.3 GPA

Sophomores – Must rank in the top 10% of the graduating class OR
              In the top 10% on a national test such as ACT or SAT
              The student must have met satisfactory prerequisites for the course (determined by the University)
              University President must approve

COURSE DESCRIPTION:

This is an upper level elective course in biology designed for students to earn college credits from Minnesota State Mankato to hasten progress of a college career in Biology, Science, and Health Sciences Majors. This course closely follows the curriculum of an entry level college biology course. The curriculum is at the level of an introductory college biology course, which is to say there is significantly more rigor to this course than other life science courses students may have taken. Students choosing to enroll in CE Biology should be independently driven and have a strong interest in the natural world. There will be homework in the form of reading and outline work day. Topics discussed are intended to expand and extend the understanding of the basic concepts of the study of life. Principles of cellular biology and elementary biochemistry and energy functions are explored; cell division, DNA / RNA and Genetics will follow. This is a single semester course which will fit into approximately 21 weeks of school. Students will take part in approximately 7-10 labs, and will take several unit tests that will assess knowledge gained through the investigation of approximately 25-30 chapters from Advanced Biology Textbook.

PREREQUISITES:

Students electing to take this course will have recently completed one year of High School Biology with a grade of B- (80%) or higher. Recent successful completion of High School Chemistry will prove to be a major asset for this course. Any and all students interested in signing up for this course must first schedule a sit down meeting with instructor Mr. Lambrecht, Ms. Featherman, and also be accepted by the MMSU enrollment procedure. Seniors must rank in top 50% of their class, or have a composite score on ACT at or above the 50% on national norms, as well as be in the top 75% of their class. For juniors, students must be in the top 33% of their class or score in 70% on ACT national norms.
AP is a challenging course designed to help the student pass the AP college test which will enable them to obtain college credit in a science class. The class will challenge the student and will require approximately 1 hour of “Out of Class” study time per day.

The student will be required to “write–up” their labs in a lab notebook and keep this notebook to present to the college they attend as the college may require this to prove the validity of the laboratory portion of the class.

The student will be required to check out a book over the summer and read up on several chapters of general chemistry for review so we can take a running start at the class in the fall.

Grading will be as follows *  
90% A-  
80% B-  
70% C-  
60% D-

This is a weighted class. Grading will consist of:  
50% tests  
10% tests  
20% labs  
10% quizzes  
10% homework

Included in the class will be topics including:

Types of Matter  
Bonding  
Gas Laws  
Nuclear Chemistry

Stoichiometry  
Solution Chemistry  
Kinetics

Thermodynamics  
Acid-Base Reactions  
Oxidation Reactions
INTRODUCTION TO THE SOCIAL STUDIES

We recognize that our world is changing rapidly. Students in our schools today are citizens of the 21st century. They are living and learning in the midst of a knowledge explosion unlike any humankind has ever experienced. The social studies curriculum at Central Schools is committed to preparing enlightened and empowered individuals to be humane, rational, participating citizens in a multicultural and interdependent world. The goal is not only preparation for participation as an adult member of the community, society and world, but to engage youth in active participation now - to enhance their lives and communities today and in the immediate future.

At Central High School the following Social Studies courses are required:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>9th</td>
<td>American Civics I and II</td>
<td>2</td>
</tr>
<tr>
<td>10th</td>
<td>American History since 1870 or AP American</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td>History</td>
<td></td>
</tr>
<tr>
<td>11th</td>
<td>World History or AP World History</td>
<td>2</td>
</tr>
<tr>
<td>12th</td>
<td>Economics/Geography</td>
<td>2</td>
</tr>
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The following courses are elective classes that students can take at Central High School:

<table>
<thead>
<tr>
<th>Grade</th>
<th>Course</th>
<th>Semester</th>
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</thead>
<tbody>
<tr>
<td>10th, 11th, 12th</td>
<td>Criminal Justice</td>
<td>1</td>
</tr>
<tr>
<td>10th, 11th, 12th</td>
<td>Sociology</td>
<td>1</td>
</tr>
<tr>
<td>11th or 12th</td>
<td>Introduction to Psychology</td>
<td>1</td>
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<tr>
<td>11th or 12th</td>
<td>AP Psychology</td>
<td>1</td>
</tr>
<tr>
<td>11th or 12th</td>
<td>CE Psychology</td>
<td>1</td>
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</tbody>
</table>

The above classes would count towards the eight (8) elective credits required for graduation at CHS.

Introduction to Psychology is an excellent class for those who have an interest in understanding one's self more fully. It is highly recommended for students considering a college track, as psychology is usually required at the college level.

AP Psychology is considered a college-level psychology course. The hope is for the student to score well on the AP exam in the spring of the year and receive college credit.

CE Psychology is a college-level psychology course. Upon completion of the course, students will receive four (4) credits through Minnesota State – Mankato.

Criminal Justice

Sociology

Required Scope & Sequence (Social Studies 7-12)

<table>
<thead>
<tr>
<th>Grade</th>
<th>7th Grade</th>
<th>8th Grade</th>
<th>9th Grade</th>
<th>10th Grade</th>
<th>11th Grade</th>
<th>12th Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>American History Until 1870</td>
<td>Geography (World)</td>
<td>Civics I</td>
<td>American History since 1870 or AP American History</td>
<td>World History or AP World History</td>
<td>Economics &amp; Geography</td>
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Elective classes (grades 10-12):

- Psychology (semester course)
- AP Psychology (semester course)
- CE Psychology (semester course)
- Criminal Justice (semester course)
- Sociology (semester course)
SOCIAL STUDIES

COURSE TITLE: AMERICAN CIVICS I & II  GRADE LEVEL: 9
COURSE NUMBER: 401  CREDITS: 1 CREDIT
PREREQUISITE: NONE  TWO SEMESTER COURSE

COURSE DESCRIPTION:
American Civics is designed to meet the four goals of civics education: (1) to provide students with a thorough understanding of our nation's system of government; (2) to instill in students the qualities of good citizenship that will enable them to put their knowledge into action; (3) to provide students with the skills they need to participate fully in our democratic society; and (4) to familiarize students with the contemporary issues that face our nation, so that they will make the wise decisions upon which our nation's future depends.

AREAS OF STUDY:
U.S. Constitution  The Federal Courts  American Foreign Policy
U.S. Congress  State Government  Local Government
The President  Economics  Elections/Citizenship

EXPECTATIONS:
All students will be expected to participate in all facets of the course. They will be expected to have all assignments prepared when scheduled. Grading will be based on tests, class participation, written work sheets, class projects (i.e. mock trial, current events), etc.

COURSE TITLE: AMERICAN HISTORY 10  GRADE LEVEL: 10
COURSE NUMBER: 402  CREDITS: 1 CREDIT
PREREQUISITE: AMERICAN CIVICS 9  TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course examines the political, social and economic history of the United States from post-Civil War to the present. Units include Expansionism, Social Reform, Progressivism, World War I, Roaring 20's, Great Depression, World War II, Cold War and the Modern Era. A special emphasis is placed on the experiences of women and minority groups in the development of America. Current events are also discussed on a daily basis.

AREAS OF STUDY:
American History  Sociology  World History
Geography  Political Science  Economics

EXPECTATIONS:
Students are expected to take an active role in class discussions on a daily basis. Daily assignments are expected to be complete and prompt. Students will be researching various eras of American History and making this information relevant to present-day America. Grading is based on tests and quizzes, daily work, class participation and research papers.
COURSE TITLE: WORLD HISTORY
GRADE LEVEL: 11

COURSE NUMBER: 403
CREDITS: 1 CREDIT

PREREQUISITE: NONE
TWO SEMESTER COURSE

COURSE DESCRIPTION:
The primary purpose of this course is to give students an opportunity to learn about the economic, political, cultural and social developments that created the western civilization of which they are a part. The course includes geography, pre-history, the Ancient Middle East and Egypt, Ancient Greece and Rome, the Middle Ages and the Rise of Nation States, the Renaissance and the Reformation. The class will also build on geography skills while increasing knowledge of the elements of world history.

AREAS OF STUDY:
Physical Geography
Cultural Geography
World History
Sociology

EXPECTATIONS:
Students are expected to take an active role in class discussions on a daily basis. Daily assignments are expected to be complete and prompt. Students are also expected to research a country and present it in both written and visual form. Grading is based on tests and quizzes, daily work, class participation and research papers.
COURSE TITLE: ECONOMICS  
GRADE LEVEL: 12  
COURSE NUMBER: 405A  
CREDITS: 1/2 CREDIT  
PREREQUISITE: NONE  
SEMESTER COURSE

OVERALL GOAL OF ECONOMICS:

The general goal of Senior Social is to act as a “springboard” social science course for Seniors at Central High School. By approaching the discipline with a “mile wide, inch deep” approach, students will be exposed to sub-disciplines within the social science spectrum, with the double intent of meeting standards for graduation within the state of Minnesota, while also potentially sparking interest in a field otherwise unknown to the student that can be explored at the next level of academics.

COURSE DESCRIPTION:

a. To gain an understanding of core economic principles and how they apply to a wide range of real-world issues.
b. To master the theoretical and applied tools necessary to critique and create economic research.
c. To learn how to articulate pragmatic, principles-based policies to enhance economic well-being and promote social justice.
d. To become familiar with salient developments in the world economy, in both present-day and historical contexts.

COURSE GRADING FOR ECONOMICS:

1. Economics (Subject to change)
   a. Participation (5%): Your participation score will be a subjective judgment I make based on how I perceive your level of classroom contribution combined with my assessment of your attendance record.
   b. Quizzes (10%): Quizzes will be given at my discretion - I usually give 5 to 15 quizzes each semester. I gauge the number of quizzes to give on how I feel you're keeping up with reading assignments. Missed pop quizzes due to absence earn scores of zero.
   c. Homework (15%): At my discretion, homework assignments may be collected and graded. I expect you to do all homework problems. I plan to collect about one-half of all homework assignments. Homework assignments will be graded on both content and appearance.
      a. Late homework will be accepted, but a penalty will be assessed. For any lateness beyond the time homework is collected and the end of that day, a 25% reduction will be assessed. For each additional day of lateness scores will be lowered 25% per day up to a maximum 100% reduction.
   d. Exams (70%): Three intermediate exams and a final exam will be given. The exams are valued at 15% for the intermediate exams and 25% for the final. These exams will assess your knowledge of macroeconomic and microeconomic principles and test your ability to formulate, analyze and solve problems based on material presented in class.

*** Makeup exams or quizzes will not be given without my prior approval. Therefore, if you must be absent for any reason, I expect you to make arrangements with me in advance to take exams or quizzes early***

MAJOR TOPICS COVERED FOR ECONOMICS:

SEPT: Introduction to Economics  
SEPT: Economic Systems  
OCT: How Markets Work  
OCT: Market Structures  
NOV: Business & Labor  
NOV: Money, Banking, & Finance  
DEC: Measuring Economic Performance  
JAN: Government & the Economy  
JAN: The Global Economy
COURSE TITLE: GEOGRAPHY
GRADE LEVEL: 12

COURSE NUMBER: 405B
CREDITS: 1/2 CREDIT

PREREQUISITE: NONE
SEMESTER COURSE

COURSE DESCRIPTION:

Introduction to Human Geography is a semester-long course designed to meet or exceed the experience of a one-semester college human geography course. It is structured around seven units of study that focus on distributions, processes and effects of human population on the planet. Units will include:

- Geography
- Nature and Perspective
- Population
- Cultural Patterns and Processes
- Political Organization of Space
- Agricultural and Rural Land Use
- Industrialization and Economic Development
- Cities and Urban Land Use.

Students will receive a unit calendar at the beginning of each unit with lecture topics, activities, reading assignments, homework due dates, quiz dates, and test dates. Each unit test will consist of two parts – a 45-minute multiple choice test and 50-minute FRQ essay test. The essays will be graded using a rubric with AP grading format. Grading policy is 50% tests and projects, 50% daily and quizzes.

Course Objectives

- To introduce students to the use of spatial concepts and the systematic study of patterns and processes of human organization and alteration of Earth’s surface.
- To teach students how to use and interpret maps, data sets, and geographic models.
- To analyze spatial concepts and landscape interpretation in a variety of locations and situations, both globally and locally.
- To employ geographic vocabulary and descriptive and analytical writing.
- To examine the relevance of geography to current human problems around the world.

Grade Format:
1. Formative Assessments are daily grades/quizzes and are 50% of the 9 weeks’ average.
2. Summative Assessments are test grades/projects and are 50% of the 9 weeks’ average.
3. Semester Exam is 15% of the semester average plus the two 9 weeks, which are worth 42.5% each.
ELECTIVE CLASSES IN THE SOCIAL STUDIES

COURSE TITLE: INTRODUCTION TO PSYCHOLOGY  GRADE LEVEL: 11, 12
COURSE NUMBER: 404  CREDITS: 1/2 CREDIT
PREREQUISITE: NONE (College Prep)  (Elective Class) SEMESTER COURSE

COURSE DESCRIPTION:

Who am I? Why do I act the way I do? Do I have control over who I am? Why are some people more open to others? Psychology is an elective semester course for any junior and senior. Psychology is an exciting field that will contribute much to your life.

One will gain a better understanding of your own behavior and the behavior of those around you. One will better understand motivation, personality, social interactions, and other forces of behavior. Studying psychology will not make you a psychologist, but will give you more insight into who you are and what you could become.

AREAS OF STUDY:

- Multiple Intelligence
- Personality
- Social Psychology
- Human Memory
- Sleep and consciousness
- Stress and Health
- Applied Psychology
- Learning
- Mental Illness
- Developmental Psychology

EXPECTATIONS:

All students will be expected to participate in all facets of the course. They will be expected to have all assignments prepared when scheduled. Grading will be based on tests, class participation, written work sheets, and class projects. A "Multiple Intelligence" Project will be completed. A Learning Styles Individual Case Study will also be completed.
Welcome to Law and Politics! This semester we will be examining how legal systems and practices affect our daily lives and examine our roles as participants in a representative democracy. The course will be broken into two quarters, one dealing with criminal and civil law and another with constitutional law and politics.

Breakdown of course events:

Quarter 1: Constitutional Law and Politics

A. Major Topics:
   1. How to Be a Politician
      a. Governing Bodies: Mechanics, Political Parties, Influence
      b. Elections: Campaign Design & Candidates
      c. Congress: Mechanics & Creation of Laws
   2. Understanding Constitutional Law
      a. Review of Constitution
      b. Freedom of Speech: Obscenity, Defamation, Restrictive, Symbolic
      c. Right to Privacy: Home, School, Reproductive Rights
      d. Discrimination: Race, Gender, Sexual Preference, Age, Disability
      e. Work Place: Rights, Laws, Sexual Harassment
      f. Supreme Court: Function & History.
      g. Moot Court Practice

B. Assessments: (Total 300 Points)
   1. Case reviews and written legal briefs (25 points each)
   2. Mock Moot Court (50 Points)
   3. Understanding Your Rights Quizzes (30 Points)
   4. Mock Congress-Creating a Law (45 Points)
   5. Build-Your-Own Election Platform and Candidate Debate (45 Points)
   6. Quarter Exam (50 Points)
   7. Participation (30 Points)

COURSE STRUCTURE:

Some of the topics that we may cover this semester include:

- The Historical Roots of Western Law
- U.S. Constitution and Landmark Cases
- Ohio Constitution and State and Local Laws
- The Legal System, Courts, Judges and Lawyers
- Criminal Law
- Criminal Procedure and Trials
- Justice for Convicted Criminals and Juveniles
- Personal Freedom
- Family Law
Course Goals and Objectives:

By the conclusion of this course students will understand:

- How law and the legal system can affect them in their everyday lives
- The fundamental principles and values underlying our Constitutions, laws, legal procedures and legal system organization
- The structure of our national and state governments, including the limitations (checks and balances) our constitutions place on governments
- The rights guaranteed to individuals by the U.S. and Ohio Constitutions
- Basic court procedures in criminal, civil and juvenile cases
- Basic trial procedures and strategies
- Current issues and controversies relating to the Constitution, laws and the legal system
- The importance of citizen participation in our legal system
- The roles that law, lawyers, and law enforcement officials play in our society

A. Major Topics:

1. Understanding Criminal Law:
   - a. Misdemeanors and Felonies
   - b. Arrest, Search, and Seizure
   - c. Crimes against Property
   - d. Crimes against People
   - e. Criminal Justice System: Due Process, Inequities, & Punishment

2. Understanding Civil Law:
   - a. Tort Law: Intentional Torts, Negligence & Strict Liability
   - b. Consumer Law: Contracts & Warranties
   - c. Family Law: Marriage, Divorce, & Child Custody

B. Major Assessments: (Total 250 Points)

1. Case reviews and written legal briefs (25 points each)
2. Criminal/Civil Trial Current Event Journal (30 Points)
3. Bakkum Legal Theater Presents: Can They Do That?!? (15 Points)
4. Mock Trial – Civil or Criminal (75 Points)
5. Quarter Exam (50 points)
6. Participation (30 points)

As you can see, we have a long list of topics to study and discuss. Your attendance and meaningful participation will be the keys to us making it through all the curriculum intended for this semester. Remember, YOU are the most important part of this course!

GRADING POLICY:

This class follows the grading scale for the school as described in the Student Handbook.

FINAL EXAM:

The Final Exam will be determined when the exam schedule is finalized. If you are absent the day the final is given, you will take it on the designated make-up date.
COURSE TITLE: SOCIOLOGY  GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 409  CREDITS: 1/2 CREDIT
PREREQUISITE: NONE  (Elective Class)  SEMESTER COURSE

COURSE DESCRIPTION:
Sociology is an elective course that studies human society and social behavior. Positive human relationships are an essential part of a civilized society and how we interact with each other is important so that we can find answers to questions and solve problems in our world. "Sociology teaches us to look at life in a scientific, systematic way." The way that we view the world comes from what we learn in our everyday activities. "The values, beliefs, lifestyles of those around us, as well as historic events help to mold us into unique individuals who have varied outlooks on social reality." This course deals with the social atmosphere that helps to make us who we are and how we behave. Sociology will cover topics such as culture, violence, deviance, social control, socialization and personality, group behavior, social class, and social institutions. The key component of this course is to study ourselves and the society that influences our behavior.

Benchmarks:
* Students will be able to explain what group is in terms of origin of groups, development of group behavior and interaction of groups.
* Students will be able to analyze the ways in which groups influence social institutions, teach individuals what is appropriate and inappropriate, facilitate change and hinder it, indicate status, class and power level and show prejudice and discrimination.
* Students will be able to explain the basic characteristics of culture and analyze how cultures differ.
* Students will be able to understand how cultures pass values, beliefs, and traditions to the next generation and sanction behaviors.
* Students will be able to understand the sociological perspective and apply that perspective to their own reality.
* Students will be able to understand and apply to sociological concepts the three major sociological orientations: conflict theory, structural functionalism and symbolic interactions.

Grading Scale %:
- 93-100 = A
- 77-79 = C+
- 60-63 = D-
- 90-92 = A-
- 74-76 = C
- 87-89 = B+
- 70-73 = C-
- 84-86 = B
- 67-69 = D+
- 80-83 = B-
- 64-66 = D

Grading:
(Grades will be based on a total number of points earned.) More in depth assignments will be worth more points. Standard grading scale will be used. (See above)
A. Participation is required.
B. Daily readings, Assignments, Written Papers, Case study analysis, Experiments, and Individual / Group research presentations
C. Weekly sociological perspective journal
D. Exams - (Due to the nature of this course and the option of credit through Lakeland, you will be expected to retain information and show mastery of material). Final exam will equal approximately 10 % of final grade.

Classroom rules:
A. Treat others as you would like to be treated (dignity, respect, common courtesy)
B. Be on time
C. Meet deadlines (Do not let group members down! Be responsible!!)
D. Don’t interrupt while others are speaking. Respect other opinions!
E. PARTICIPATION IN CLASS DISCUSSIONS IS REQUIRED
COURSE GOALS & OBJECTIVES:

A. To understand human behavior of different groups and their impact on society.
B. To understand the nature of change and its effect on people and society.
C. To use essential skills to analyze, synthesize, and evaluate ideas and arguments.
D. To develop high level discussions of issues.
E. To use a scientific, systematic approach to understand ourselves as social beings.
F. To have fun and to take a more active and meaningful role in society.

I & II.   Introduction to Sociology
III.    Culture
IV.    Socialization
V & VI. Society, Social Structure, & Interaction & Groups and Organizations
VII.    Deviance and Social Control
VIII & IX. Social Stratification
X & XI. Racial and Ethnic Relations
XII. Aging and Inequality Based on Age
XIII & XIV. The Economy & Work & Politics and Government in Global Perspective
XV. Families & Intimate Relationships
XVI & XVII. Education and Religion
XVIII. Collective Behavior and Social Movements

Assessment Methods:

There will be a wide variety of teaching techniques, strategies, and assessment methods used in Sociology. Some of the assessment methods will include:
- Quizzes, journals (sociological imagination)
- Unit Tests that are composed of selected response and essay
- Oral presentations mini, informal, and formal
- Observations, experiments, surveys
- Daily participation in class discussions
- Written papers, reports, projects, reflections
- Role playing, interviewing
- Analyzing and interpreting and constructing case studies
- Statistical analysis
- Content analysis
- Historical method
COURSE TITLE: AP PSYCHOLOGY

GRADE LEVEL: 11, 12

COURSE NUMBER: 432

CREDITS: 1/2 CREDIT

PREREQUISITE: Intro to Psychology recommended
(or with Instructor approval)
Human Anatomy recommended
Some advanced math recommended
College level course

SEMESTER COURSE

COURSE DESCRIPTION:

The purpose of the Advanced Placement (AP) course in Psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles and phenomena associated with the major subfields within psychology. They also learn about the methods psychologists use in their science and practice. (Taken from the AP Course Description in Psychology by The College Board.)

COURSE OBJECTIVES:

1.) Students will prepare to do acceptable work on the AP Examination in Psychology.
2.) Students will study the major core components and theories of psychology. They will be able to define key terms and use these terms in their everyday vocabulary.
3.) Students will learn the basic skills of psychology research. They will be able to devise simple research projects, interpret and generalize from results and evaluate the validity of research reports.
4.) Students will be able to apply psychological concepts to their own lives. They should be able to recognize psychological principals when they are encountered in everyday situations.
5.) Students will develop critical thinking skills. They will become aware of the danger of blindly accepting or rejecting any psychological theory without careful, objective evaluation.
6.) Students will build their reading, writing and discussion skills.
7.) Students will learn about psychology as a profession, and become aware of the educational requirements which must be met to pursue such careers. They will learn about the ethical standards governing the work of psychologist.

EXPECTATIONS:

All students will be expected to participate in all facets of the course. They will be expected to have all assignments prepared when scheduled. Grading will be based on tests, class participation, written work sheets, and class projects. Taking the AP exam in the spring will be a requirement of the course.
COURSE TITLE:  CE PSYCHOLOGY (MSU)  
GRADE LEVEL:  11, 12

COURSE NUMBER:  433  
CREDITS:  1/2 CREDIT

PREREQUISITE:  Intro to Psychology 
(or with Instructor approval) 
Human Anatomy recommended
College level course  
Some advanced math recommended

SEMESTER COURSE

Concurrent Enrollment Eligibility from Mankato State

Students wanting to participate in a Concurrent Enrollment course will need to talk to the Concurrent Enrollment teacher or the high school guidance counselor to complete the appropriate forms and determine their eligibility for Concurrent Enrollment. Eligibility is determined by class rank or ACT score.

Seniors – Must rank in the top 50% of high school class *OR 
Maintain at or above a 3.0 GPA (on a 4.0 scale) *OR 
 Achieve a 21 or higher composite score on the ACT exam *
*With a satisfactory class rank, ACT score and GPA plus satisfactory college preparatory coursework 2.7 GPA

Juniors – Must rank in the top 67% of high school class *OR 
Maintain at or above a 3.3 GPA (on a 4.0 scale) *OR 
 Achieve a 24 or higher composite score on the ACT exam *
*With a satisfactory class rank, ACT score and GPA plus satisfactory college preparatory coursework 3.3 GPA

Sophomores – Must rank in the top 10% of the graduating class OR 
In the top 10% on a national test such as ACT or SAT
The student must have met satisfactory prerequisites for the course (determined by the University)
University President must approve

COURSE DESCRIPTION:

The purpose of the Concurrent Enrollment MSU course in Psychology is to introduce students to the systematic and scientific study of behavior and mental processes of human beings and animals. Students are exposed to the psychological facts, principles and phenomena associated with the major subfields within psychology. They also learn about the methods psychologists use in their science and practice.

Upon completion of the course, students will receive four (4) credits through Minnesota State – Mankato.

COURSE OBJECTIVES:

1. Students will study the major core components and theories of psychology. They will be able to define key terms and use these terms in their everyday vocabulary.
2. Students will learn the basic skills of psychology research. They will be able to devise simple research projects, interpret and generalize from results and evaluate the validity of research reports.
3. Students will be able to apply psychological concepts to their own lives. They should be able to recognize psychological principals when they are encountered in everyday situations.
4. Students will develop critical thinking skills. They will become aware of the danger of blindly accepting or rejecting any psychological theory without careful, objective evaluation.
5. Students will build their reading, writing and discussion skills.
6. Students will learn about psychology as a profession, and become aware of the educational requirements which must be met to pursue such careers. They will learn about the ethical standards governing the work of psychologist.

EXPECTATIONS:

All students will be expected to participate in all facets of the course. They will be expected to have all assignments prepared when scheduled. Grading will be based on tests, class participation, written work sheets, and class projects. Taking the AP exam in the spring will be a requirement of the course.

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COURSE TITLE: AP AMERICAN HISTORY
GRADE LEVEL: 11, 12

COURSE NUMBER: 431
CREDITS: 1 CREDIT

PREREQUISITE: NONE
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course is an elective semester-long course for juniors and seniors. The course is taught thematically. Themes include “Industrialization”, “Populism & Progressivism”, “World War I”, “World War II”, and “Cold War America & Beyond”.

AREAS OF STUDY:
American History  Sociology  World History  Geography  Political Science  Economics

EXPECTATIONS:
Students will apply theories and methods that historians use to analyze and interpret the past. They will evaluate primary and secondary sources for their content and usefulness. Students will understand U.S. history from a multicultural perspective and construct historical arguments based on their own analysis and interpretation.

COURSE TITLE: AP WORLD HISTORY
GRADE LEVEL: 11, 12

COURSE NUMBER: 477
CREDITS: 1 CREDIT

PREREQUISITE: NONE
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This course guides students toward mastering the analytic skills and factual knowledge necessary to deal critically with the problems and materials in World History from 1200 to the present. Coursework will be taught and graded at the college level. Students will learn to assess historical materials - their relevance to a given interpretive problem, their reliability, and their importance - and to weigh the evidence and interpretations presented in historical scholarship. The course will develop in students the skills necessary to arrive at conclusions on the basis of informed judgments and to present reasons and evidence clearly and persuasively in essay format.

The Advanced Placement test on World History includes events ranging from c. 1200 CE to the present. The quantity of information and depth of understanding students must retain in order to score well precludes cramming. There is simply too much for last minute study tactics to substitute for real extended effort. Students are expected to work to achieve long-term learning of the content. To aid in long-term retention students should take notes on reading of the text, secondary essays, and lectures. Completed summations of secondary readings serve as excellent study aids and reminders of key arguments and interpretations.

Assessment and Evaluation: Over the course of the first three quarters students will complete seven major units of study. Student mastery of unit content will be assessed by unit exams incorporating multiple choice and free response formats. Free response include AP Short Answer Questions (SAQ), Long Essay Questions (LEQ), and Document Based Questions (DBQ). Unit objective exams test student progress toward mastering the central textbook content. In addition, students are required to create summative statements and/or annotations of assigned secondary readings. Class discussion and participation points will be assigned.
SPECIAL EDUCATION

COURSE TITLE: SPECIAL EDUCATION  GRADE LEVEL: 9, 10, 11, 12

COURSE NUMBER:  CREDITS: 1/2 OR 1 CREDIT

PREREQUISITE:  REFERRAL PROCESS - MUST MEET FEDERAL GUIDELINES QUALIFY FOR SERVICES (SLD, EBD, DCD, DHH)

COURSE DESCRIPTION:

Special Education resource classes are individually planned for each student placed in the program. An I.E.P. (Individual Educational Plan) is written each year based on the student's present level of functioning and individual needs displayed. Each student in the program is assigned a Special Ed. case manager, and a child study team including Special Ed., Regular Ed., and Administration, support staff, parents and the student make team decisions regarding program implementation and change.

AREAS OF STUDY: AVAILABLE IF NEEDED (as determined on an individual basis per IEP)

Fundamental English 1  Fundamental Math 1  Structured Study Skills
Fundamental English 2  Fundamental Math 2
Fundamental English 3  Fundamental Math 3
Fundamental English 4  Fundamental Math 4

EXPECTATIONS:

Each student in the program has individual goals and objectives written which are evaluated at least twice each year to determine progress and appropriateness. Each child is expected to make adequate progress toward meeting these goals through participation, cooperation, and regular class attendance.

WORLD LANGUAGE

COURSE TITLE: GERMAN I  GRADE LEVEL: 9, 10, 11, 12

COURSE NUMBER: 161  CREDITS: 1 CREDIT

PREREQUISITE:  NONE  TWO SEMESTER COURSE

COURSE DESCRIPTION:

German is this area's main heritage and Germany is rapidly becoming an international business power. It is the language to take if you are considering the field of math, engineering, or business. Communication and writing skills will be emphasized through active listening, speaking, reading and writing. Students will be able to conduct basic conversation. Students will also learn about the culture and people of the German speaking countries.

AREAS OF STUDY:

Pronunciation  Vocabulary  Reading
Basic Grammar  Culture

EXPECTATIONS:

Students are expected to complete daily assignments and actively participate in oral activities both individually and in groups. Excellent attendance is a necessity. Students are expected to develop basic communication skills in the present tense. Grading is based on quizzes, daily assignments, tests and class participation.
COURSE TITLE: GERMAN II
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 162
CREDITS: 1 CREDIT
PREREQUISITE: GERMAN I
TWO SEMESTER COURSE

COURSE DESCRIPTION:
German II will use the grammar and vocabulary learned in German I to develop communication skills. There is greater emphasis on personal and active participation by the student. Again, the culture of the people is continually emphasized.

AREAS OF STUDY:
Culture
Grammar
Reading/Writing

Vocabulary
Communication Skills

EXPECTATIONS:
Students are expected to have control of basic communication skills. Students will complete daily assignments, along with active class participation both individually and in groups. Excellent attendance is required. Grading is based on daily assignments, quizzes, tests, and class participation.

COURSE TITLE: GERMAN III
GRADE LEVEL: 11, 12
COURSE NUMBER: 163
CREDITS: 1 CREDIT
PREREQUISITE: GERMAN I & II
TWO SEMESTER COURSE

COURSE DESCRIPTION:
This class will continue to concentrate on the skills of German I and German II at a more advance level. There is a greater emphasis on communication, reading, and writing skills.

AREAS OF STUDY:
Advanced Grammar
Reading
Writing
Communication

EXPECTATIONS:
Students will be expected to read a short novel and develop communication skills in order to converse in a German setting.
COURSE TITLE: SPANISH I
GRADE LEVEL: 9, 10, 11, 12
COURSE NUMBER: 151
CREDITS: 1 CREDIT
PREREQUISITE: 3.0 GPA FRESHMEN ONLY
TWO SEMESTER COURSE

COURSE DESCRIPTION:
The Spanish language and culture has been visible in our country since Spanish explorers came to Mexico and the United States. U.S. companies, especially in any medical field, are looking for people with Spanish speaking ability. Communication and writing skills are developed through active listening, speaking, reading, and writing. Students will begin to learn about the culture of Hispanics in the United States and other countries.

AREAS OF STUDY:
- Pronunciation
- Basic Grammar
- Vocabulary
- Culture
- Reading

EXPECTATIONS:
Students are expected to complete daily assignments and actively participate in daily practice activities both individually and in groups. Students are expected to develop basic communication skills. Grading is based on quizzes, daily assignments, tests, and class participation.

COURSE TITLE: SPANISH II
GRADE LEVEL: 10, 11, 12
COURSE NUMBER: 152
CREDITS: 1 CREDIT
PREREQUISITE: SPANISH I
TWO SEMESTER COURSE

COURSE DESCRIPTION:
Spanish II students will use the grammar and vocabulary learned in Spanish I to develop conversation skills. Grammar points will be more in depth enabling students to begin to understand native speech. The emphasis in this class will be on reading, writing, understanding and improving pronunciation.

AREAS OF STUDY:
- Communication Skills
- Grammar
- Reading/Writing
- Vocabulary
- Culture

EXPECTATIONS:
Students are expected to have good control of basic grammar points and an ability to communicate using known vocabulary by the end of this course. Students will complete daily assignments and actively participate in practice activities.
COURSE TITLE: SPANISH III
GRADE LEVEL: 11, 12
COURSE NUMBER: 153
CREDITS: 1 CREDIT
PREREQUISITE: SPANISH I & II
TWO SEMESTER COURSE

COURSE DESCRIPTION:
The emphasis in this course will be on developing more advanced conversational ability using skills learned in Spanish I and Spanish II. Students will increase their vocabulary and expand writing skills.

AREAS OF STUDY:
Culture
Advanced Grammar
Reading (Short Stories)
Writing Skills
Geography

EXPECTATIONS:
Students are expected to communicate in Spanish on short topics of interest. They will be required to do daily journals for the first semester, and do various short story readings. Students will complete assignments and actively participate in daily activities.
CADET TEACHING

COURSE TITLE: CADET TEACHING
GRADE LEVEL: 12

COURSE NUMBER: 12
CREDITS: 1/2 CREDIT

PREREQUISITE: NONE
SEMESTER COURSE

REQUIREMENTS FOR ADMISSION TO COURSE:

Demonstrate interest working with young children.
Maintenance of a B or better grade-point-average.
Be ranked in the top 1/2 of the senior class.

COURSE DESCRIPTION:

This semester course is open to senior students who have a desire to work with students and staff in a school situation at an Elementary School, Middle School, or High School. Approximately 90-120 hours of time will be spent working directly with teachers. A one-half credit and a grade will be issued by the supervisory teacher. All class work will be worked into the school schedule. Candidates for this course must meet with the guidance counselor, principal and teacher(s) of the building before they can be registered for the course. Journal assignments to be completed throughout the semester will also be a part of this course. The course may be repeated for a second semester, but no credit will be given.

AREAS OF STUDY:

Cadet teaching may involve helping children who need extra drill in reading, language, math, writing, art, motor skills, working with gifted children, supervising playground or educational work, assisting students with projects, preparing bulletin boards, reading stories, etc. Serving as a teacher aide, e.g. running off papers, correcting tests, etc., may also be involved but will compose no more than 25 percent of a Cadet Teachers time.

EXPECTATIONS FROM STUDENTS:

Be prompt and have good attendance.
Be responsible.
Cooperate with supervising teacher.
Attend seminar meetings.
Maintain confidentiality where appropriate.
Maintain a daily journal of experiences.
Be friendly, outgoing, full of energy, and enthusiastic.

INDEPENDENT STUDY

Independent Study classes may be taken only with teachers' permission. Students will receive .50 credit. Students may take a 2nd semester of Independent Study, but no credit will be given.