CURRICULUM GUIDE

TRI COUNTY
JR. - SR. HIGH SCHOOL
2007 - 2008

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REGISTRATION GUIDELINES

2007-2008

Read the Curriculum Outline carefully. Please pay close attention to the descriptions of the classes that you are interested in taking. Be sure you understand what is required of you for those classes: prerequisites, fee, equipment, etc. You may ask questions of teachers about their classes during planning periods prior to registration, or you may confer with Mrs. Dunker prior to registration.

Each student will go through the registration process. You should have a good idea of what you want to take before you come to the Guidance Office to register. Students will be called by intercom. We will start at the end of the alphabet in each class.

KEEP IN MIND:

1. All sophomores are required to take World Geography; all juniors must take American History; and all seniors must take American Government. Juniors and seniors may take World History, Modern Problems and/or Leadership as electives.

2. English is required each year grades 9-12.

3. Each student must have three years of math in grades 8-12. Included among the courses you may take to fulfill this requirement are: Algebra I, Geometry, Advanced Algebra, Applied Mathematics, Business Math, FST, Pre-Calculus.

DATES FOR REGISTRATION:

Incoming Seniors	- Monday, February 19
Incoming Juniors	- Tuesday, February 20
Incoming Sophomores	- Wednesday, February 21
Incoming Freshmen	- Thursday, February 22
Incoming Eighth Grade	- Friday, February 23
Incoming Seventh Grade	- to be arranged (in 6th Grade classroom)

Incoming students from St. Paul's, Plymouth, will be invited to register on Thursday, February 22, at 2:00 p.m.

Friday, February 23 (p.m.), will be used to register any students who may have been absent.

TENTATIVE COURSE OFFERING - 2007-2008

AGRICULTURE/AGRIBUSINESS
Intro to Ag/Agribusiness
Horticulture – 1st Semester
Landscaping/Nursery/Greenhouse – 2nd Semester
Natural Resources/Wildlife – 1st Semester
Animal Science – 2nd Semester
Agricultural Business Management – 1st Semester
Life Knowledge – 2nd Semester
Agricultural Tech (Metals)
Agricultural Special Projects

BUSINESS EDUCATION
Keyboarding 7 (one semester)
Intro. to Computer Applications (Gr. 8 - one semester)
Accounting I
Accounting II
Information Processing
Business Theory and Law
Introduction to Business
Business Management/Communications
Community Volunteer Outreach

COMPUTER EDUCATION
Advanced Computers (offered even graduation years)
Multimedia Applications(offered odd grad. years)

DRIVER'S EDUCATION
Driver's Education - Summer

ENGLISH
Language Arts 7
Language Arts 8
English 9
Sophomore English I
Sophomore English II
Junior English I
Junior English II
Senior English I
Senior English II

FINE ARTS
Art 7 (one semester)
Art I
Art II - 2D Design/3D Design
Art III - Advanced Art/Independent Study
Jr. High Band
Sr. High Band
Jr. High Vocal Music
Sr. High Chorus

FOREIGN LANGUAGE - SPANISH
Spanish 8 (one semester)
Spanish I
Spanish II
Spanish III
Spanish IV

INDUSTRIAL TECHNOLOGY
Woods Technology I/Drawing Technology I
Advanced Woods Technology
Drafting/CAD/CNC
Carpentry - 1st Semester
Small Engine Repair - 2nd Semester

MATHEMATICS
Mathematics 7
Algebra I - Grade 8
Advanced Algebra
Geometry
Applied Mathematics 9-12
Business Math
Functions, Statistics, Trigonometry (FST)
Pre Calculus & Discrete Mathematics (PDM)

PHYSICAL EDUCATION/HEALTH
Physical Education/Health 7
Physical Education/Health 8
Physical Education/Health 9
Advanced Physical Education (Grades 10-12)
Weightlifting (Grades 10-12)

SCHOOL-TO-WORK APPRENTICESHIP BLOCK (Grade 12)
(with Board of Education approval)

SCIENCE
Life Science 7
Earth Science 8
Physical Science 9
General Life Science
General Biology
Advanced Biology
Ecology
Chemistry
Advanced Chemistry
Physics

SOCIAL STUDIES
World History - Grade 7
American History/Nebraska History - Grade 8
American History - Grade 11
World History
World Geography
American Government
Modern Problems
Leadership

COMPUTER NETWORKING
Computer Networking I (one semester)
Computer Networking II (one semester)
Computer Networking III (one semester)
Computer Networking IV (one semester)

TEACHER AIDE/OFFICE AIDE

REQUIRED COURSES - GRADES 9-12

- ✓ English 9
- ✓ Sophomore English I or Sophomore English II
- ✓ Junior English I or Junior English II
- ✓ Senior English I or Senior English II

- ✓ Three years of math are required for graduation (Grade 8 Algebra I counts as one of those credits.) (Computer classes cannot be used for math credit.)

- ✓ Physical Science, General Life Science, or General Biology (must take two)

- ✓ World Geography
- ✓ American History
- ✓ American Government

- ✓ Physical Education/Health 9

- ✓ Minimum of 80 hours of electives.

***Students must register for seven of eight class periods.**

*For your information and planning purposes, University of Nebraska-Lincoln, Kearney, Omaha admission requirements are:

- ✓ 4 years - English
- ✓ 4 years - Mathematics (must include Algebra I, II, Geometry, and one additional unit that build on algebra or geometry).
- ✓ 2 years of one foreign language
- ✓ 3 years - Science (at least two units from Physical Science, General Life Science, General Biology, Chemistry, and Physics)
- ✓ 3 years - Social Studies

JUNIOR HIGH COURSE OFFERINGS

EIGHTH GRADE:

Language Arts 8
Algebra I
Earth Science
Social Studies (American History – Grade 8)
Physical Education/Health
Spanish (one semester)
Intro. to Computer Applications (one semester)
Vocal Music and/or Band

SEVENTH GRADE:

Language Arts 7
Mathematics 7
Life Science
Social Studies (World History – Grade 7)
Physical Education/Health
Keyboarding (one semester)
Art (one semester)
Vocal Music and/or Band

GRADUATING CLASS DETERMINATION/CREDIT EARNED

Your anticipated date of graduation and graduating class designation is based on the number of credits that you have earned to date. This designation is determined by the number of credits a student can typically earn in a school year and still, realistically, graduate in four years. The categories are as follows:

- ✓ Freshman (9th Grade) - must have passed minimum of 100 credits (50 per year) in junior high
- ✓ Sophomore (10th Grade) - 50+ credits
- ✓ Junior (11th Grade) - 100+ credits
- ✓ Senior (12th Grade) - 150+ credits

A total of 220 credit hours are needed to graduate. This includes 140 hours of required classes and 80 credit hours of elective classes.

While junior high credits do not count toward high school graduation, a minimum number of credits must be passed to be promoted to the next grade level. Seventh graders are expected to pass 50 credits to be considered an eighth grader, and eighth graders are expected to pass another 50 credits to be promoted to high school (thus the 100 credits mentioned above to be considered a freshman in high school).

Keep in mind, required courses (whether junior high or high school level) must be passed. While a student may be promoted to the next grade level, he/she may be repeating a course(s) from the previous year(s).

AGRICULTURE/AGRIBUSINESS

The following classes are offered through the agriculture/agribusiness department. You do not need to be from a farm or agriculture background to enroll or enjoy these classes. FFA membership is open to anyone enrolled in a class but is not required. Classes will help students prepare for a career or college. Classes will involve many hands-on activities as well as some assignments.

INTRODUCTION TO AG/AGRIBUSINESS - GRADE 9 PREFERENCE

This year long class is open to any student in grades 9-12. This class is an excellent introduction into all fields of agriculture including: animal and veterinarian science, agribusiness, horticulture, natural resources and wildlife, plants, mechanics, leadership, small animals, business management and computer usage. Classroom instruction will include short units on many different subjects of interest. **highly recommended for first year agriculture students.

HORTICULTURE - 1ST SEMESTER

This semester class is open to any student in grades 9-12. This class will cover basic skills in horticulture, greenhouse, and floriculture including plant production and greenhouse use, plant production, fertilizers and chemicals, basic floriculture design and arranging, and house plants. This class will involve many hands-on activities including plant production in a greenhouse, grow chamber and cold frames, household plant production, and many other related activities. Greenhouse crops will include Easter lilies, poinsettias, trees and shrubs, house plants, and all preparation for spring bedding plant production. This class is an excellent combination with the nursery, landscape, and greenhouse class.

LANDSCAPING, NURSERY, & GREENHOUSE - 2ND SEMESTER

This semester class is open to any student in grades 9-12. This class will cover basic skills in landscaping, nursery, and greenhouse work including planning, design and planting landscapes, plant propagation, fertilizers and chemicals, plant science, ornamentals and plant production. This class will involve hands-on activities including landscaping and greenhouse work. Greenhouse crops will include Easter lilies, hydroponics, over 25 different spring bedding plants, and house plants. This class is an excellent combination with the horticulture class.

NATURAL RESOURCES/WILDLIFE - 1ST SEMESTER

This semester class is open to any student in grades 9-12. Class will cover basic natural resource and wildlife skills including fish and wildlife management, natural resources conservation and management, wildlife habitat, water resources, soil resources, forestry, ecosystems and food cycles, wildlife and fish species, and other current environmental issues. Aquaculture lab will be used as a small part of the curriculum.

ANIMAL SCIENCE – 2ND SEMESTER

The purpose of this course is to provide students with practical knowledge and skills in the areas of animal agriculture and companion animals. Students will learn internal and external anatomy of livestock and companion animals with a focus on systems of the body and the effect of environment on their performance. Students will be responsible for hands-on care and management of the aquaculture unit. This course has no prerequisites.

AGRICULTURAL BUSINESS MANAGEMENT – 1ST SEMESTER – GRADES 11-12 PREFERENCE

This semester class is open to any student in grades 11-12. This class will cover basic management skills and principals for agriculture, agribusiness including computer applications and telecommunications, records, credit, interviewing and job applications, business analysis and budgeting, marketing and advertising.

LIFE KNOWLEDGE – 2ND SEMESTER – GRADES 11-12 PREFERENCE

The purpose of this course is to provide students with practical and effective tools to develop specific skills in leadership, personal growth and career success. Units of study include, but are not limited to: effectively communicating, career planning, decision making, professional growth, social growth, character development, building relationships, and servinc a community. Junior or senior standing is required. Membership in a school leadership organization is encouraged.

AGRICULTURAL TECH. (METALS) - GRADES 10-12

The purpose of this course is to provide students the opportunity to acquire skills relating to metal fabrication and construction. Students will use hand and power metalworking tools in order to cut, shape, fasten, and weld steel and aluminum in a safe and proper manner. Approximately 12 weeks of the course will be devoted to planning and constructing individual metalworking projects. Students are responsible for acquiring building materials. Sophomore standing is recommended.

AGRICULTURAL SPECIAL PROJECTS – GRADES 11-12

The purpose of this course is to offer students an opportunity to acquire high levels of agricultural knowledge and skills in an independent study format. Students may enroll under one of two options.

Option A: Plan and construct metal working projects for the student's own use. Acquisition of building materials is the responsibility of the student. Evaluation is based on project completion, project quality, attendance, and work ethic. Students must have earned a "C" or higher in Agricultural Tech (Metals). Students may take the course as a junior and as a senior, provided there is room in the class. Students must have their first semester of projects planned by the end of the drop/add period.

Option B: Plan and complete independent research units relating to agriculture, leadership development, or career building. Evaluation is based on research papers, presentations, scientific research reports, scholarship and award applications, attendance, and work ethic. Other methods of evaluation may be approved by the instructor. Junior or senior standing is required. Students may take the course as a junior and as a senior, provided there is room in the class. Students must have their first semester of projects planned by the end of the drop/add period.

ART

ART 7

Seventh Grade Art is the foundational art experience for students in the secondary school. Emphasis will be placed on the elements and principles of art. Students will be exposed to a wide variety of media processes, art, history, art theory, and art criticism.

Class activities will include: media processes (project work), lecture, discussion, tests, and quizzes.

Required Materials: notebook and pencils. A lab and materials fee of $5.00 will be charged to each student.

ART I - GRADES 9-12

Art I is the first full year of art in high school. It is required that all students taking art in high school begin with Art I. Art I will be a survey course covering a wide variety of media processes. Emphasis will be placed on art theory, art history, art criticism, and on identification and application of the elements and principles of art.

Class activities will include: media processes (project work), lecture and demonstrations, discussion, and quizzes.

Required Materials: sketchbook for required weekly sketch, pencils, and notebook. Some materials such as fabric, yarn, and found objects will be required for certain projects during the school year. A lab and materials fee of $10.00 will be charged to each student.

ART II - 2D DESIGN/3D DESIGN (SELECT ONE OF THESE OPTIONS)

The second year of the high school art experience will offer the art student more specialized study in the two basic areas of art processes. Those courses will be called 2D Design and 3D Design. Both 3D Design and 2D Design will be offered for a full school year each. Both 3D and 2D Design will include approximately six weeks of drawing instruction to begin the school year.

Prerequisite: Completion or the equivalent of Art I is required to enroll in 2D Design or 3D Design.

Requirements: A weekly sketchbook will be required for both 2D Design and 3D Design. A lab and materials fee of $10.00 will be charged to each student.

2D Design will include media processes covering various aspects of drawing, painting, printmaking, graphics, and commercial art. Knowledge of required art history, art theory, and art appreciation will be evaluated through periodic quizzes, discussions, and class critiques.

3D Design will include media processes covering various aspects of sculpture, ceramics, fibers, and stained glass. Knowledge of required art history, art theory, and art appreciation will be evaluated through periodic quizzes, discussions, and class critiques.

ADVANCED ART/INDEPENDENT STUDY - GRADES 11-12

Advanced Art/Independent Study is the art course available for students after they have completed Art I and one of the Art II course offerings. Independent Study is intended for those students interested in art as a career or lifetime activity. During the last two years of high school art, a student may not enroll in the same area of independent study both years.

Prerequisite: Art I and one of the Art II course offerings. Instructor's written permission is required to enroll in Advanced Art/Independent Study. A lab and materials fee of $15.00 will be charged to each Advanced Art/Independent Study student.

All Advanced Art/Independent Study students will take part in six weeks of basic drawing at the beginning of the school year before proceeding to specialization areas.

The Advanced Art/Independent Study student will work directly with the art instructor to develop projects, deadlines, research goals, and evaluation procedure for areas of specialization. The Advanced Art/Independent Study student will select one of the following areas of specialization to study for the entire school year.

Specialization areas available for the Advanced Art/Independent Study student to choose from are: drawing, painting, graphics and commercial art, printmaking, ceramics, fibers, sculpture and stained glass.

Requirement: A weekly sketchbook will be required for all Advanced Art/Independent Study students.

BUSINESS EDUCATION

*Currently Tri County Schools and Southeast Community College have Tech Prep articulations in Business Administration, Business Information Technology and in SCC's Transportation Division. Tri County students enrolling in the high school's **Accounting I and II** classes and **Information Processing** can receive general education requirement credit toward a Business Administration or Business Information Technology major at SCC provided they receive a grade of A or B. Tri County students taking **Information Processing** can receive SCC credit applied toward the SCC Transportation Division programs, again provided they receive a grade of A or B. The Business Administration program at SCC transfers to UNL and other four-year degree programs. (This would be a more economical beginning to a student's college years.) The agreement works at all three campuses of SCC: Beatrice, Lincoln or Milford.

Students must complete a "Credit by Waiver" form upon enrollment at SCC to receive the free credit. Almost $200 is saved for each course taken in high school if the student earns an A or B.

More detailed information is available in the guidance office or you can visit www.southeast.edu/techprep/tech_tricounty.html.

KEYBOARDING 7 (ONE SEMESTER)

This one semester class is designed to teach seventh grade students the touch typing method of keyboarding including characters, numbers and symbols. The course will also teach correct key stroking and proper use of the function keys as well as care of the equipment. Basic skills are acquired through correct keyboarding techniques and skill building drills for speed and accuracy. Composition at the keyboard, keying short reports and letters, arrangement of tables and other application skills will be emphasized. An introduction to using word processing software is also included in the course.

INTRODUCTION TO COMPUTER APPLICATIONS - GRADE 8 (ONE SEMESTER)

This is a semester course for the eighth grade students. Topics covered are: understanding and identification of computer hardware, file management, review of word processing, introduction to spreadsheets, introduction to presentations, introduction to database, internet applications, and internet safety.

Prerequisite: Keyboarding 7

INTRODUCTION TO BUSINESS - GRADES 9 & 10

This two-semester course is for any student with a general interest in personal finance and business. The course is an introduction to many aspects of business such as money management, career search, banking, insurance, and the American enterprise system. A simulation will cover basic principals of financial management.

Class Requirements: Students will be expected to do daily assignments and some out-of-class reading in order to be aware of current happenings which affect the business world. Students are also expected to actively participate in class discussions and projects.

Prerequisite: Juniors and seniors may take this course only with the written permission of the teacher.

***INFORMATION PROCESSING - GRADES 9-12**

Information Processing exposes the student to organizing, planning, and processing information in a business. This course will cover the Microsoft Office products including Word, Excel, PowerPoint, Access, and Outlook. Using real-world personal and professional situations, Information Processing shows how various Microsoft Office software components work together. The course also reemphasizes the understanding of moving files around the computer, saving information, and formatting disks.

This course is intended to provide information for students to become certified through the Microsoft Office User Specialist Program (MOUS). It is ideal for individuals who want to use the entire Microsoft Office suite effectively and efficiently. MOUS is the only Microsoft approved training and certification program designed to validate desktop computer skills using Microsoft Office applications: Word, PowerPoint, Excel, and Access. MOUS proves computer literacy, measures proficiency and productivity and identifies opportunities for skills enhancement.

Why is certification important? To employers, these certificates may mean the difference when hiring a potential job candidate. Businesses want to be assured that their employees can fully utilize their desktop computers, which will pay off in increased productivity. To end-users, having the added knowledge is a marketable skill they can promote when seeking a job or promotion.

Prerequisite: One semester of Keyboarding

***ACCOUNTING I - GRADES 11 & 12**

This two-semester course is for the student who is interested in learning about accounting careers and bookkeeping practices for personal and/or career purposes.

Accounting I provides an understanding of the basic principles of the double entry accounting system. Students will study the accounting cycle for a sole proprietorship, a partnership and a corporation. Some activities in the course include recording transactions, preparing worksheets, financial statements, payroll and studying taxes. Students will be given the opportunity to use computers for completion of selected exercises.

Keeping up with assignments on a daily basis is essential. Organization skills are also learned.

Prerequisite: Student should be a junior or senior

***ACCOUNTING II - GRADE 12**

This two-semester course is a continuation of the principles learned in Accounting I. The course is designed to help students acquire additional knowledge of accounting procedures and techniques. This course is for the student who is interested in an entry-level position as an accounting clerk, bookkeeper, or who is interested in post-high school study of accounting or business.

If time allows, students will be given the opportunity for hands-on experience with accounting practices on the computer.

Prerequisite: Accounting I with a grade of "C" or above or instructor's and/or administrative permission.

BUSINESS MANAGEMENT - GRADES 11 & 12

This semester course prepares a student for success in the business world as either an employee or an owner. This course is to present the student with a solid foundation about what business is, how it operates, and how it is managed. Topics to be included in this course may be:

1. Business and its Environment
2. Business Ownership
3. Production and Marketing
4. Finance
5. Human Resources
6. Management Functions
7. International Business

Prerequisite: Junior or senior status

BUSINESS COMMUNICATIONS - GRADES 11 & 12

Business Communications is designed to provide skills and knowledge needed for effective communication to achieve personal and business goals. Students will develop human relations skills, as well as communication skills. The course will cover the following units in communication:

1. Communication Theory
2. Reading and Proofreading
3. Editing
4. Letters
5. Reports and other business communications
6. Listening and Speaking
7. Nonverbal
8. Employment communications; including resumes, job applications, employment letters and interviews.

Students will be expected to participate in discussions, role playing, speeches, and group projects. The student should expect outside homework, tests, quizzes, and oral presentations.

Prerequisite: Junior or senior status

BUSINESS LAW - GRADES 11-12

Business Law is a two-semester course designed to help students develop an appreciation for the law and a practical understanding of the legal framework within which individuals function--personally, socially, and in business. The class will also participate in the Nebraska State Mock Trial project.

Business Law affects each of us on a daily basis, whether we are buying a car, taking clothes to the dry cleaners, obtaining a job, renting an apartment, or applying for credit. This class provides a general understanding of how laws affect us as citizens, workers, and consumers.

Class Requirements: Students will be expected to take notes on the chapter discussions. Work on the assignments will be done individually or in small groups. Questions will be done with each chapter and will be graded from time to time. There will be several tests per 9 weeks grading period. Students will be expected to be aware of current happenings pertaining to business law.

Prerequisite: Student should be a junior or senior.

COMMUNITY VOLUNTEER OUTREACH

This class is available to seniors only. This is a one semester class but can be taken both semesters.

Each student will perform 40 hours of “unpaid” volunteer time to a local organization. The time will begin to accumulate on the first day of the semester and must be completed by the last day of the semester.

This will be a pass/fail class, with reports, meetings and a final presentation making up the requirements.

For the “unpaid” volunteer time, the senior will be able to forego one period of the school day.

DRIVER EDUCATION

Course Outline: Driver Education is a summer course offered to all students. The course itself is divided into two parts--classroom and actual driving. In the classroom, emphasis is put on the complete understanding of the driver's manual, reaction in simulated accident situations, identification of important driving situations. In the actual driving, emphasis is put on rural, city, and highway driving, with special emphasis on the basic driving operations, stopping, starting, steering, backing, etc.

Class Requirements: The classroom involves about 30 hours of instruction time. The driving instruction allows each student six hours or more actual behind-the-wheel instruction. At the completion of driver education the students will complete a "driving test" that will be the same as the one they would take if given by the DMV.

Prerequisite: Only students fourteen years of age or students who will be fourteen by October 15 of the next school year may take Driver Education. The fee for 2007 is $200.00.

ENGLISH LANGUAGE - LITERATURE

Language arts for grades 7-12 is based on composition, literature, and vocabulary.

LANGUAGE ARTS 7

Language Arts 7 addresses composition, appropriate use of language, and literature. Grammar, mechanics, and spelling are taught directly and within the context of literature and writing.

The McDougall-Littell text, Literature and Language, an anthology of short stories, poetry, and drama appropriate for seventh grade level, provides a variety of literature activities. Writing assignments often relate to literature and novel readings.

Students practice reading skills. The Accelerated Reader assesses and monitors reading practice, which is monitored and assessed throughout the year.

Journals are part of the writing experience, thus a spiral notebook of at least 70 sheets to be kept in the classroom is required. A two-inch three-ring notebook is required to organize class materials and work.

LANGUAGE ARTS 8

Language Arts 8 emphasizes composition, particularly descriptive, appropriate use of language, and literature. Grammar, mechanics and spelling are addressed directly and within the context of literature and writing. Nebraska Standards of Reading and Writing are taught, reviewed, and assessed. A research project using reading, writing, and library skills is required.

The McDougall-Littell text, Literature and Language, an anthology of short stories, poetry, and drama appropriate for eighth grade level is the major text. Class novels may be used as well. Writing assignments are frequently based on literature.

Students are also expected to practice reading skills. The Accelerated Reader assesses and monitors this practice with reading levels assessed and monitored during the year.

Journals are kept and a spiral notebook of at least 70 sheets will be kept in the classroom. A two-inch three-ring notebook is required to organize class materials and work.

ENGLISH 9

The emphasis in English 9 will be on composition and the appropriate use of the English language. Grammar, mechanics, and spelling will be addressed within the context of literature and writing. The writing emphasis will be the paragraph in a complete composition.

Weekly vocabulary lessons and quizzes are required. Literature units will include a variety of short stories and books (books may include: The Outsiders, Call of the Wild, White Fang, To Kill a Mockingbird and other classics). Written responses to literature will be part of the literature grade. Journals will be kept; therefore, each student is to have a small (1/2") three-ring binder for class. An introduction to public speaking will also be explored.

SOPHOMORE ENGLISH I

Sophomore English I emphasizes the literature of many cultures and times including mythology and The Odyssey. Writing skills is an integral part of the class. Students are expected to use composition and grammar skills learned in the previous grades.

Grammar and mechanics are addressed by correction of personal work and through mini-lessons on particular skills. Vocabulary is incorporated through the study of literature. Julius Caesar or Romeo and Juliet by Shakespeare, Night by Elie Wiesel and Fahrenheit 451 by Ray Bradbury and other works of literature are used.

SOPHOMORE ENGLISH II

Sophomore English II emphasizes writing. It includes the literature of many cultures and time including mythology and The Odyssey. Students are expected to use composition and grammar skills learned in the previous grades.

Grammar and mechanics are addressed by correction of personal work and through mini-lessons on particular skills. Vocabulary is incorporated through the study of literature. The House on Mango Street by Cisneros, Black Elk Speaks by Niehardt and other works of literature are used.

JUNIOR ENGLISH I

In Junior English I the focus of study will be American literature, American authors, and the time periods during which they lived and wrote. The text basis will be the McDougall-Littell's Literature and Language book. In addition, each class may do group readings of selected American novels and/or particular Nebraska authors. During this reading time, students will be in literary circles with rotating, assigned roles and duties to conduct the lessons under the direction of the teacher. Study guides, worksheets, vocabulary, personal reflections, quizzes, and tests will be used in various ways as assessment. The students will also be assessed on the Nebraska Reading and Writing Standards, particularly those focused on literature.

JUNIOR ENGLISH II

In Junior English II the focus will be writing. In this section the students will complete writings using a variety of forms but most especially the persuasive essay in order to meet the Nebraska Reading and Writing Standards 12.2.1-2.5. Also, elements of both fiction and non-fiction will be explored to enhance the students' writing skills. Personal response/reflection journals will be kept. Sharing one's writing via public speaking will also be explored.

SENIOR ENGLISH I

This course is designed to give students an introduction to what they may expect from a college course. Students will study literary classics from the Middle Ages, the Renaissance, and Modern Literature. Selections may include The Grapes of Wrath, Hamlet, The Mayor of Casterbridge and Death of a Salesman.

Composition exercises, based on literature, will include in-class essays, essay exams, and formal papers. Students will be required to write a critical analysis research paper based on multicultural texts/authors. The final draft must be typed or word processed.

Grammar instruction will be individualized according to the student's need. Weekly vocabulary/spelling quizzes are required.

SENIOR ENGLISH II

This course focuses on the kinds of English skills needed in the "real" world. Writing will include preparation for various aspects of business and personal writings and technical writing. Grammar and writing mechanics will be briefly reviewed and will also be addressed on an individual basis.

Reading will be done in small groups and will be selected by the students with the approval of the teacher. Lesson-based discussions will be student led.

Vocabulary/spelling lessons will be required. Journal entries will be written periodically.

FOREIGN LANGUAGE: SPANISH

Spanish is offered to all students. Those students who plan to continue their education beyond the high school level will find it advantageous to take Spanish. Many college and university departments have a foreign language requirement for their degree programs. It is often easier to fulfill this requirement (or a portion of the requirement) through high school study rather than college study. Generally, if you are a very good student, one year of high school foreign language is roughly equivalent to half a semester of college-level foreign language. Students planning to attend the University of Nebraska at Lincoln must successfully complete Spanish II in order to meet entrance requirements. Students considering a degree program through the UNL College of Arts & Sciences or the UNL College of Journalism should be aware that these colleges require their graduates to complete 16 hours of foreign language study. Students who complete four years of high school foreign language are exempt from the 16-hour language requirement.

The study of a foreign language can increase students' knowledge of the world around them while providing another positive way for students to successfully communicate in our ever-changing global society. Knowing how to speak Spanish--even basic survival Spanish--is an asset as well as a useful skill for students to possess. It will be even more so as our Hispanic population continues to increase in the United States.

All Spanish classes will focus on several educational goals. Primary focus will be given to the five goals of language learning as are prescribed by the Nebraska Department of Education. The five goals of language learning are:

1. Communication--communicate in languages other than English;
2. Cultures--gain knowledge and understanding of other cultures;
3. Connections--connect with other disciplines and acquire information;
4. Comparisons--develop insight into the nature of language and culture;
5. Communities--participate in multilingual communities at home and around the world.

To achieve these goals several methods of teaching will be used. Scaffolding, total physical response, contextualized input, output and interaction, story-based approaches and community-based learning are some of these methods. Focus, at times, will also be on increasing students' knowledge of grammar, phonetics, and other linguistic structures in their native language. Second language acquisition improves when students understand better the conventions, features, and universal grammar of their native language.

SPANISH 8

Offered as a semester course, this class is designed to introduce students to the world of Spanish. It is also designed to get students excited about studying languages in general. Students will learn a variety of vocabulary and will be able to produce and manipulate basic communicative phrases. Lessons will focus on greetings and introductions, telling time, describing people, naming family members, and discussing the weather. Students will also learn idiomatic expressions, songs, games, and cultural information. Some grammar structures will be introduced, but primary focus will be on verbal communication and listening. Students will be required to make flashcards, family photo albums, and personal dictionaries.

Prerequisite: Willingness to participate actively in class each day. Students should also be prepared to practice what they learn outside of class on a regular basis and to spend time memorizing vocabulary. Appropriate classroom behavior will also be observed.

SPANISH I - GRADES 9-12

Offered as a year-long course, this class is designed to introduce students to some of the basic features and conventions of the Spanish language. Reading, writing, listening and speaking are key elements in any language acquisition, and these will be of primary focus in this class. Students will learn a variety of vocabulary as well as a variety of linguistic structures. Present and future tenses and the nine parts of speech will be covered in this course. Time will also be spent learning about different cultures in which the Spanish language is spoken. Textbooks,

music, games, and authentic materials will also be used to enhance the learning environment. Students will be required to make flashcards, personal dictionaries, journals, graphic organizers, portfolios and oral presentations. Students will also read current event articles (from newspapers, magazines, etc.) that deal with Hispanic topics that affect our communities.

Prerequisite: Willingness to participate actively in class each day. Students should also be prepared to practice what they learn outside of class on a regular basis and to spend time memorizing vocabulary. Appropriate classroom behavior will also be observed.

SPANISH II - GRADES 10-12

This course is a continuation of Spanish I, and it will advance previously learned concepts and ideas as well as introduce new ones. The two past tenses of Spanish will be a primary focus as well as the future tense. More verbal and written production of language will be expected, and students will be required to make portfolios, personal dictionaries, graphic organizers and journals. Students will also be required to work in a group setting with a great deal of time spent creating and functioning in a pretend "familia." Television programming, music, games and authentic materials will again be used to enhance learning.

Prerequisite: Willingness to participate actively in class each day. Students should also be prepared to practice what they learn outside of class on a regular basis and to spend time memorizing vocabulary. Appropriate classroom behavior will also be observed. Students must have achieved a "C" or better in Spanish I or have teacher and administrative approval.

SPANISH III & IV - GRADES 11-12

Spanish III & IV are courses which will continue to build upon the previously learned functions, vocabulary, linguistic features, and conventions of the Spanish language. Oral presentations and production will be important goals in these classes. Several of the remaining simple and compound verb tenses will be introduced including the conditional and subjunctive tenses. Vocabulary will be expanded, and learned linguistic structures will be reinforced. Television programming, music, games, field trips, authentic materials and current event news items will all be used to enhance the learning environment in the classroom. Verbal and written production in the target language will be a primary focus. Art projects and reports in the target language will also be required.

Prerequisite: Willingness to participate actively in class each day. Students should also be prepared to practice what they learn outside of class on a regular basis and to spend time memorizing vocabulary. Appropriate classroom behavior will also be observed. Students must have achieved a "C" or better in Spanish II or have teacher and administrative approval.

INDUSTRIAL TECHNOLOGY EDUCATION

WOODS TECHNOLOGY I/DRAWING TECHNOLOGY I

First Semester - This course consists of basic fundamentals of mechanical drawing. In mechanical drawing the student will learn how the men who design buildings and machinery use lines and figures instead of words. Areas to be covered are: Lettering, use of drawing instruments, geometric construction, three view orthographics, working drawings, and occupational information. Students will be required to do a certain number of drawing projects set up by the instructor. At this level of technology drawing, there will be an introduction to the basic computer aided drafting (CAD). Drawings will be completed to reflect skills learned.

Second Semester - This course will provide instruction in the fundamentals of woodworking. Hand tools will be used in the construction of a project of the student's choice. Areas covered will consist of characteristic assembling and finishing. Shop projects will account for 60% of the grade while tests and quizzes comprise the other 40% of the grade.

Requirements: A shop fee of $2.50 is charged to each student in addition to materials required to construct their projects.

ADVANCED WOODWORKING TECHNOLOGY - GRADES 10-11-12

(any two of the three years)

This course consists of the use of machines in woodworking. A project of the student's choice is required for him/her to design and construct. At this level, the work becomes increasingly specific, and certain instances border on specialization, depending upon the ability and interests of the students. The instruction in these areas will include use and care of tools and machines, safety rules, planning and layout, jointery assembling and finishing. Blue prints and CAD drawings of projects will be required as time permits.

Students will be evaluated on tests, progress, and project evaluation each week and completion of his/her project.

Requirements: Students are required to plan a project, select and purchase his own materials or purchase school materials which are made available for most projects.

Prerequisite: Woods Technology I/Drawing Technology I or permission of instructor. The enrollment in this class is limited to 12 students per class or permission of instructor to exceed this limitation. A shop fee of $5.00 is charged to each student in addition to the wood products for projects.

DRAFTING/CAD/CNC - GRADES 10-11-12 (TAKEN ONE YEAR ONLY)

This course is designed for the student who is planning to further his or her education in drafting, design, carpentry or architecture at a university or technical institution.

Time will be spent on board drafting, technical sketching, materials analysis, CAD (computer aided drafting) and CNC (computer numerical control).

Students will learn to not only produce working drawings, but will also be able to understand the total world of design and manufacturing. Students will have experiences in drafting, geometry, orthographic drawing, sketching, various views and assembly drawings.

After a thorough understanding of dimensioning and national standards in design, students will start on architectural drawings. Architectural drawings will include views for floor plans, elevations, window and door schedules, electrical, mechanical and foundations. Actual framing techniques for modern residential and commercial construction will also be discussed and tested.

Later in the year students will be introduced to the world of three-dimensional computer drafting and display. Students will compare three-dimensional views to actual solid modeling. AutoCAD's powerful drafting software will be used.

In the final weeks of class, students will explore the world of computer manufacturing by learning to program small desktop CNC mills and lathes to produce precision components.

This class is a composite class, which involves parts of the original classes of Drafting and Advanced CAD.

CARPENTRY - GRADES 11-12 - (1ST SEMESTER ONLY)

The course is designed to introduce students to the area of rough carpentry and the skills needed in the construction trades. Various types of structures and how to build them will be discussed. Students will learn how to use the various tools used by a carpenter. Students will learn how to lay out plans for walls, doors, windows, and other areas in proper housing construction. The different ways of measuring, building and laying out rafters will be taught.

Course work will cover discussions and written tests along with practical skills tests in the carpentry area. Each student will draw detailed plans of a small structure which will be built to housing standards by the carpentry class. The majority of class time will be spent on the actual construction of a movable backyard storage shed.

Requirements: Shop coats or coveralls will be provided by the students. Safety glasses will provided by the school with the student being held responsible for their pair.

SMALL ENGINES - GRADES 11-12 - (2ND SEMESTER ONLY)

This class consists of the theory and practice of the internal combustion engine. Specifically, students will be involved in engine systems, part identification, servicing and tuning small engines, trouble shooting and basic overhaul. Students are required to overhaul at least two engines.

Requirements: Coveralls shall be provided by the students. All service parts or outside labor charges will be paid for by the students. Safety glasses will be provided by the school with students being held accountable.

LONG DISTANCE LEARNING

Classes may be offered through Long Distance Learning. These classes will originate from one of 24 sites outside of Tri County and will be broadcast over interactive television in the long distance learning room.

Because of the long distance learning set up and use of interactive television for instruction, these classes will be limited in size to a select group of students. Students registering for these classes must be above average in academic standing, must be capable of self-discipline and time management, and they must be self-motivated. Students enrolling in long distance learning classes will be required to sign a code of conduct along with their parent(s) to be followed at any site.

If more students register for a long distance learning class than can be handled, determination of who can enroll will be made by the administration.

MATHEMATICS

SEVENTH GRADE MATHEMATICS

This is a seventh grade (required) course. The course emphasizes pre-algebra skills and concepts, such as variables, equation solving, and problem solving. Operations on whole numbers, rational numbers, and decimals is stressed. Geometric topics are also covered. It is believed that one learns mathematics by doing mathematics and that a proper balance between theory and practice is essential for a genuine understanding.

Course Outline:
- Operations with whole numbers
- Using variables
- The decimal system
- Geometric figures
- Number theory
- Operations with fractions
- Solving equations
- Percent
- Areas and volumes
- Integers and graphs
- Statistics, graphs

UCSMP MATHEMATICS (ALGEBRA FOR GRADES 8-12)

This course has several goals. It will introduce you to the language of algebra. It will help you prepare for geometry and other mathematics. It will help you learn about the many uses of algebra in the real world and deal with mathematics around you. You will be expected to read each lesson, and it is vital for you to understand what you have read. Mathematics is not a spectator sport! Homework is required most every day.

Topics covered:
1) uses of variables
2) multiplication, addition, subtraction, and division in algebra
3) linear sentences
4) slopes and lines
5) exponents and powers
6) quadratic equations and square roots
7) polynomials
8) linear systems
9) factoring
10) functions

Course Outline:
- Fundamental operations with rational numbers
- Solving of equations, inequalities and work problems
- Functions, relations and graphs
- Systems of open sentences
- Polynomials and their factors
- Polynomials and rational expressions in open sentences
- Irrational numbers and radical expressions.

APPLIED MATHEMATICS

Students will use prior knowledge learned in Algebra I and learn to integrate this knowledge with basic geometric concepts to solve problems and complete various hands-on type activities. Students will be expected to provide their own scientific calculator, drawing tool, compass, and graph paper.

This course should not be taken to complete requirements for a four-year college.
Prerequisite: Algebra I

GEOMETRY - UCSMP - TYPICALLY FOR GRADE 9

This course is the third course in the sequence. The content of this course integrates algebra, some discrete mathematics together with geometry; however, topics related to geometry are the primary focus. The primary content is Euclidean Geometry with emphasis on transformations and coordinate geometry to build a foundation for studying functions. Students in this course encounter justifying reasons for their answers and frequently write paragraphs to explain their reasoning.

Students will be required to purchase the following equipment and materials: three-ring notebook with dividers, graph paper, drawing tool and compass (purchased from school), scientific calculator.

Topics:

Language - Logic of Geometry
Angles and Lines
Reflections
Proofs using congruence
Polygons and symmetry
Triangle congruence
Perimeter and area
3 Dimensional figures
Surface area
Volume
Similar triangles
Trigonometry

Prerequisite: Algebra I; grade of "C" or recommendation of instructor.

ADVANCED ALGEBRA (UCSMP) - GRADE 10

This course follows UCSMP Geometry taken in grade 9. This course integrates geometry, discrete mathematics, and statistics together with algebra. Significant amounts of geometry and statistics are employed; therefore, success in prior courses (algebra and geometry) is essential. Up to date technology is employed especially in teaching functions. Graphing calculators will be used extensively and are, therefore, required equipment for the course. Students will also find more questions requiring reading and writing skills.

Students are required to read the lesson each day and complete a homework assignment. Students who neglect to follow the procedure cannot expect to be successful. Students are expected to have the necessary background from material learned in previous courses.

Topics:

Functions
Variation and graphs
Linear functions
Matrices
Systems of equations
Quadratic functions
Powers
Inverses and radicals
Exponential and logarithmic functions
Trigonometry
Polynomial
Quadratic relations
Series and combination

Materials required: Graphing calculator (TI-83), graph paper, drawing tool, compass, three-ring notebook, dividers.

Prerequisite: UCSMP Geometry, minimum grade of "C" in Algebra I and Geometry or recommendation of instructor and/or administration.

FUNCTIONS, STATISTICS, AND TRIGONOMETRY (FST) - GRADE 11

The course follows Advanced Algebra and integrates functions, statistics, and trigonometry. This course applies the geometry and algebra students have previously learned. In addition, students will study sequences, counting problems, and topics covered in many pre-calculus courses. In this course students have an opportunity to pull together and sharpen many math skills to prepare them for a world that depends on data collection for decision making and to prepare them better for pre-calculus courses.

Materials required: three-ring notebook for assignments, ruler, protractor, compass and graphing calculator (TI-83). Note: Students have already purchased these items for Geometry and Advanced Algebra. If they have taken care of their equipment, they should have these items.

Prerequisite: Advanced Algebra with a grade of "C" or permission of instructor and/or administration.

BUSINESS MATH - GRADES 11 & 12

This math or business course can be used as a mathematics requirement. The course is designed to give students a basic knowledge of practical problems found in everyday life and math problems found in business.

Course Outline:

- Money Management
  - Buying Problems
  - Wages and Commissions
  - Borrowing Money, Saving, and Investing
  - Home Expenses and Transportation
  - Taxes
  - Small Business Financial Statements
  - Retail Buying and Selling
  - Wholesales and Manufacturer Problems
  - Special Business and Farm Problems
  - Metric System.

PRE-CALCULUS AND DISCRETE MATHEMATICS (PDM) - GRADE 12

This course is designed to provide students with the background needed to begin college calculus in their freshman year in college. Computers and calculators are used as tools to analyze Math, Science, Social Science, Engineering, Environmental and real-life types of problems. The class requires reading and problem solving. Projects are used to provide opportunities for independent study.

Course Outline:

- Logic
  - Analyzing Functions
  - Functions, Equations, and Inequalities
  - Integers and Polynomials
  - Rational Numbers and Rational Functions
  - Trigonometric Identities and Equations
  - Recursion and Mathematical Induction
  - Polar Coordinates and Complex Numbers
  - The Derivative in Calculus
  - Combinatorics
  - Graphs and Circuits
  - Vectors
  - The Integral in Calculus

Prerequisite: Functions, Statistics and Trigonometry with a "C" average

ADVANCED COMPUTERS

(Offered even graduation years)

This is a one-year course for students who want to learn some programming, hardware, and computer networking basics. The students will start the year learning HTML and basic JavaScript using front page and note pad. The students will learn how to: create and edit web pages, links and images, format text, create tables, create image maps, create frames, create forms, create style sheets, create pop-up windows, create scrolling messages, and work with validating forms. They will also learn to integrate JavaScript and use DHTML to enhance web pages.

The students will then move on to building and troubleshooting computers and basic understanding of networks. Students will learn: how software and hardware work together, how power supplies work, how motherboards work, how hard drives work, how I/O devices work, how to install and use XP Pro, how to manage XP, how networks work, and how to build a computer from start to finish.

The students will finish the year learning C++ and C# programming languages. Students will learn: how computers are programmed, how to enter, compile and run a program, how to work with variables and constants, math operations, strings and screen I/O, how to make decision making programs, how loops work, and how to program functions.

Prerequisite: Information Processing and/or Multimedia Applications

MULTIMEDIA APPLICATIONS

(Offered odd graduation years)

This is a one-year multimedia application course for students who want to learn how to edit digital graphics and photos, edit and create digital movies, and design web pages. The students will start the year using Adobe Photoshop Elements. The students will first get acquainted with the program and the basic set up. The students will then learn to use the auto adjustment features, manual color and alignment, paint and fill tools, retouching tools, selection tools, layers, and apply filters and effects.

The students will then move on to video editing and creating digital movies using Adobe Premiere Elements 2.0. The students will learn how to work with clips, work with transitions, work with audio, explore essential editing techniques, explore advanced editing techniques, work with titles, superimpose clips, animate clips, work with video effects, work with virtual clips, and work with different export options.

The students then wrap up the year with web page design using front page. The students will learn the principles of web design, how to plan a site, how to plan site navigation, how to create page templates, how to control web typography, and how to use graphics and effects.

MUSIC

JUNIOR HIGH VOCAL MUSIC

In Junior High Vocal Music the student will sing, listen, and move to the music of this generation and those past with the emphasis on performance.

Performance groups include mixed chorus, girls/boys groups and dramatic presentations. A broad overview of music history will also be included along with continued review of basic music theory skills. The students will be able to demonstrate their ability to sing two and three-part music in at least four evening concert appearances. Attendance at these evening concerts is required of those students currently in good standing with Tri County student handbook policy. Special small groups and solo opportunities are available and encouraged, but are subject to audition.

Swing Choir is a select performance group that introduces the concepts of combining the elements of singing and choreography to music. Junior High Swing Choir members are selected by audition in the fall. Students must be enrolled in vocal music to be eligible to audition (or have special permission of the instructor). Attendance at rehearsals held once a week before school in the morning is required. Each swing choir participant will be required to purchase approved clothing.

VOCAL MUSIC - GRADES 9-12

Vocal Music places a student in a large group situation that develops the ability to sing, move and listen to a variety of styles ranging from pop, rock and jazz to traditional folk songs, classical music, and music from other cultures. With the emphasis on performance, a student has the opportunity to be involved in the following groups: concert choir, girls' ensembles, boys' ensembles, and swing choir. Participation in solo work, other small groups, and honor choirs is optional but encouraged.

Four evening concerts are planned for each year as well as participation in the SNC Vocal Clinic and District Music Contest. Grading is based on in-class participation, skills testing, and outside class work with concert attendance mandatory for the completion of the course.

Swing Choir is a select performance group that applies the elements of singing and choreography to jazz, pop, Broadway and swing music for a performance that is as entertaining to the audience as is challenging to the performer. Selected through auditions held the previous spring, all students must be enrolled in High School Chorus (Vocal Music) (or have permission of the instructor), be able to perform at various community events as well as school programs and concerts. Attendance at rehearsals before school in the morning is required. Approved swing choir clothing must be purchased by each student.

Prerequisite: Students who participated in vocal music in junior high must have maintained tawo semesters of a grade point average of 80% or higher during their most recent semester of participation, or approval given by the instructor or administration, in order to continue in the vocal music program. For those students who did not participate in junior high vocal music at Tri County, anyone may enroll the first year. To continue to participate in the program in succeeding years, however, a grade point average of 80% or higher must be maintained as the final first and second semester grade unless approval is given by the instructor or administration.

JUNIOR HIGH BAND

Anyone in grades 7 or 8 may join Junior High Band **by demonstrating proficiency on a band instrument with director's approval**. This is a performance based class with most of class time being spent in rehearsal of music for performance in concerts. In addition, students will learn about music theory, form, and history. Participation in solo work and other small groups is optional and encouraged throughout the year.

JUNIOR HIGH JAZZ BAND

Junior High Jazz Band is a select performance group that spends time learning and performing all music in the jazz realm. It will be offered with appropriate interest. Selected through a fall audition, all students must be enrolled in Junior High Band, be able to perform at various community events as well as school programs and concerts, and attendance at rehearsals as scheduled are required.

SENIOR HIGH BAND

Anyone in grades 9-12 may join the Senior High Band by demonstrating proficiency on a band instrument. Lessons will be arranged for those wishing to learn to play an instrument.

Senior High Band is a performance based class with the majority of class time spent rehearsing for performances. Performances may include both marching and indoor concert appearances. A typical schedule for a year may include a list of performances similar to the following:

All home football games
Marching contests (when applicable)
Veterans' Day - Plymouth (November)
December Concert
Winter Concert
District Contest - April
Spring Pops Concert - May
Commencement - May
Memorial Day - DeWitt (May)

Each band member is considered a member of the Pep Band and is expected to play at home sporting events when not participating in the sport. In addition, each student will learn about music theory, music appreciation, and music form and history. Smaller ensembles such as Woodwind Choir, Brass Choir, Percussion Ensemble, and Solos will be organized as interest and scheduling will permit. Each member will have the opportunity to audition for Honor Bands.

SENIOR HIGH JAZZ ENSEMBLE

This is a select group that spends time learning and performing all music in the jazz realm. It will be offered with appropriate interest.

Selected through a spring audition, all students must be enrolled in Sr. High Band, or have special permission granted by the director, be able to perform at various community events, contests, as well as school programs and concerts, and attendance at morning rehearsals, or others as scheduled are required.

PHYSICAL EDUCATION - GRADES 7-9

An educational program of physical education can make contributions to all phases of individual development. These benefits of values include the objectives of (1) physical fitness, (2) motor skills, (3) socialization, (4) knowledge, and (5) aesthetics or appreciation.

The Junior-Senior High Physical Education program at Tri County is set up on a Cycle plan, with only 3-10 activities scheduled per year. Emphasis is on physical development and fitness, appreciation of sportsmanship and of the rules, basic skills and techniques involved in each specific activity. (See the specific course outlines for details.)

It is recommended that a uniform consisting of a special reversible shirt for the boys, T-shirt for the girls, and shorts be worn by each student to promote the sense of pride, organization, and uniformity. Each piece of clothing should be marked with the student's name. Locks and lockers will be checked out to each student to hold clothes and valuables during and after class. There shall be no interchange of clothing between students. Clothes are to be taken home each week and laundered.

Course Areas of Study

Each class has been set up according to specific recommended percentages of time allotments per type of activity: dance, team sports, individual sports, conditioning, fitness testing, gymnastics and tumbling, recreational games and lifetime activities.

Course Evaluation For Physical Education

The following grading procedures will be used for each grading period for all Physical Education classes. Students may request this grade information at any time provided this is done at the end of class.

Boys - Each student will have the opportunity to earn 10 points every day.
The points are as follows:

- 3 points - Brought P.E. clothes (Automatic "0" without appropriate P.E. clothes) (A student may borrow clothes but will still lose 3 points.)
- 3 points - Participation and attitude
- 2 points - Cooperation and social skills
- 2 points - Respectful to others and to P.E. equipment.

Girls - Total Physical Education grade consists of points earned out of points possible in the following areas:

1. Skills
   a. Skills tests (given in some areas)
2. Daily Average
   a. Following the locker room and gymnasium rules
   b. Participation, sportsmanship, attitude and behavior
   c. Proper uniform
   d. The total number of points earned from both daily grades (4 points per day on activity days and 6 points available on aerobic days) and test grades will be divided by the total number possible.
3. Knowledge (given in some areas)
   a. Quizzes
   b. Written tests
4. Physical Fitness Evaluation
   Can earn extra credit ("fitness" points) by doing fitness workouts--20 points per quarter. Extra Credit points are also earned on fitness tests (1st quarter only).

Fitness Tests

Tests will be given in September and May to show improvement in the student's physical ability and to evaluate the physical education program. Tests will show each individual student's national percentile rank for his/her age group in each test event. A physical fitness top ten list is also compiled for each event to reward those who finish
with high results as compared to years past. The Presidential Fitness Awards are given at the Honors Convocation to those students reaching the 85th percentile in each event. Those students will receive a certificate and a patch stating the level they reached through the fitness tests results.

SEVENTH GRADE PHYSICAL EDUCATION

The following areas will be covered: orientation/fitness tests, flag football/soccer, volleyball, square dance, basketball, badminton/table tennis/recreational games, gymnastics and tumbling, aerobics/track and field, fitness tests/check-in.

EIGHTH GRADE PHYSICAL EDUCATION

The following areas will be covered: orientation/fitness, tests, riflery/archery, volleyball, folk/social dance, basketball, wrestling, gymnastics and tumbling, lifetime activities, fitness tests/check-in.

NINTH GRADE PHYSICAL EDUCATION

The following areas will be covered: orientation/fitness tests, flag football, soccer, volleyball, weights and conditioning, aerobic dance design, square dance, basketball, badminton/table tennis/recreational games, gymnastics and tumbling, aerobics/track and field, fitness tests/check-in.

ADVANCED PHYSICAL EDUCATION - GRADES 10-12

The Advanced Physical Education course is designed for students in grades 10 through 12 who are interested in exercise and learning about the importance of exercise and fitness. This class is open to all juniors and seniors who want to stay active and learn about fitness, exercise programs, and lifetime activities. This class is recommended only for those students who are interested in working out every day.

Individual goals will be set by the students in areas in which the students want to improve. Examples of these are: increase percent of body muscle; decrease percent of body fat; increase muscle strength and endurance; improve cardiovascular endurance and others.

Class Format: Students will participate in an exercise program four or five days a week consisting of the following exercises: aerobic running and exercise, jump rope, weightlifting, and various lifetime activities that aid in fitness. Lifetime activities that may be included are tennis, badminton, table tennis, pickleball, volleyball, basketball, handball, horseshoes, golf, and others. Students will also be required to keep a daily record of lifts and activities in a notebook. Two-page papers on various topics will also be included.

Topics that may be discussed include: nutrition, dieting types, different exercise programs, relationship of calorie intake and energy expenditure, benefits of exercise now and later in life, and effects on mental health and outlook.

Course Evaluation: Grading will be comprised of a participation grade and improvement grade based on the increase of fitness levels in areas that are tested during the year.

Prerequisite: A grade of "C" or above in Ninth Grade Physical Education/Health and permission from instructor and/or administration. If a student is taking a weightlifting class, he/she will not be allowed to take Advanced Physical Education without administrative permission.

WEIGHTLIFTING CLASS - GRADES 10-12

This class is open to any sophomore, junior or senior interested in improving their level of physical fitness. The class will consist of various flexibility, running, and lifting exercises. Testing will be conducted to indicate any improvement in growth and performance. Basically weightlifting will be four days per week and aerobic exercises will be run one day per week. This class is recommended for only those students who are truly interested in this form of activity and who are interested in and willing to work independently toward their own physical improvement.

Grading Procedure

25% Notebooks
- Completeness

25% Attitude
- Ready to lift
- Work Ethic
- Complaining/Arguing

25% Respect
- Others in Class
- Instructor
- Equipment

25% Following Course Rules
- Clean Up
- Dress
- Showering
- Safety, etc.
-

HEALTH EDUCATION - GRADES 7-9

The Health Education Program at Tri County will include students in grades 7-9 in conjunction with the Physical Education classes. The course will be taught in two sessions of about 15 days each; once in the fall and once in the spring. Health classes will meet on alternating days. The dates of the sessions will be decided by the instructors.

The main objective of the Health Education Program is to make all students aware of the positive and negative approaches to one's physical, social, and mental health. This will mean a wide variety of subject matter which is to be used will be flexible as the needs arise. A basic knowledge of our body and how it functions and other things which affect our total health are taught at each grade level at some time during the program.

Course Areas of Study:
Each session will be comprised of 2-3 units each. The basic units that will be covered in each session are listed as follows:

	1st Semester	2nd Semester
Grade 6:	Wellness Nutrition	Growth and Development Drugs and Alcohol
Grade 7:	Violence Sexual Harassment film	Fitness Tobacco
Grade 8:	Alcohol and Drugs	Nutrition Sexuality Reproductive System
Grade 9:	Violence	Family Sexual Abstinence

Course Evaluation
Grading for each unit will be comprised of quizzes, project grades, reports, class participation, handouts, questions, and a chapter test. Health grades will be averaged in the Physical Education grade each semester.

SCIENCE

LIFE SCIENCE - GRADE 7

This class focuses on living organisms and the environment in which they live. The first semester will cover the features, needs and origins of viruses and other living things including plants.

The second semester will focus mainly on animals, from the very simple forms through the human being.

Class time will be spent on reading, lectures, experiments, worksheets, and laboratory investigation. Students will be required to keep a notebook, take quizzes and tests, write reports, and complete projects.

EARTH SCIENCE - GRADE 8

This class will look at the things that make up the planet earth and the things that affect our planet. The class will include notes, lecture, labs, worksheets, group work, quizzes and tests. Some of the major areas of emphasis will include but not limited to Matter, Geology, Meteorology and Astronomy.

PHYSICAL SCIENCE - GRADE 9

All Grade 9 students will be required to take Physical Science. This class is set up to meet the physical science requirements set forth in the Nebraska State Standards. The curriculum will include an introduction to the basics of chemistry and physics. Students will need a notebook and a calculator. They must have a "C" average or higher each semester in this class if they wish to take General Biology as a sophomore; if they have an average less than a "C," they will take General Life Science. If they fail the class, they will be required to repeat Physical Science until they pass the course.

GENERAL LIFE SCIENCE

This class is an introductory level look at the science of living organisms and the environment around them. The class will include notes, lecture, guided reading, labs, worksheets, group work, quizzes and tests. The major areas of emphasis will include Microorganisms, Fungi, Plants, Animals, Cells, Heredity, Classification, Environmental Science and possibly the human body.

Prerequisite: Completion of Physical Science

GENERAL BIOLOGY

This course deals with the structural, functional, behavioral and ecological concepts of the five major kingdoms of living organisms. The class will also include genetics, introductory microbiology, and human anatomy and physiology. Course work will involve lectures, class discussion, laboratory work and projects. Students will be graded on daily work, quizzes, labs, projects and tests. Tests will be given regularly covering the details of the main concepts discussed. Students will be required to follow proper scientific method and safety procedures during lab activities.

Prerequisite: All students completing Physical Science with a grade of "C" or better for both semesters must take General Biology. Those students not earning a grade of "C" in Physical Science may take General Biology with permission from the instructor and principal.

CHEMISTRY - GRADES 11 & 12

This deals with all of the substances that make up our environment as well as the changes that take place in these materials. It helps one to understand and benefit from our world. The ways of chemistry have changed from the memorization of innumerable chemical facts to the observation and development of principles and ideals.

Upon successful completion of Chemistry students will be able to demonstrate knowledge of:

P-1-C Measurement
P-2-C Atomic Theory
P-3-C Nomenclature
P-4-C Periodic Table
P-5-C Equations
P-6-C The Mole
P-7-C Stoichmetry
P-8-C Chemical Bonding
P-9-C Molecular Geometry
P-10-C Kinetic Theory (Liquids and Gases)
P-11-C Solutions
P-12-C Acid/Base Theory
P-13-C Redox Equations

Prerequisite: Sciences grades 9-10 which are required courses
(Students will be required to purchase safety glasses.)

PHYSICS - GRADES 11 & 12

Physics by definition is the physical science which deals with matter and energy and their transformation, measurement, and mathematical relationships. Our course of study is primarily Newtonian or classical physics. Usually there is neither time nor facilities for atomic physics other than brief mention at the secondary school level. The nature of the course is sequential, so we will follow the order of the text. Skills used or developed in the beginning are used throughout the year. The lists of units can be obtained in the index of your text. Neither time or space warrants listing them.

Upon successful completion of Physics, the student will be able to demonstrate knowledge of:

P-1-P Measurement and mathematical review
P-2-P Mechanics
P-3-P Motion in a plane
P-4-P Energy
P-5-P Momentum
P-6-P Electricity
P-7-P Optics
P-8-P Wave phenomena
P-9-P Sound

Prerequisite: Recommend that Algebra I, Geometry, Algebra II and Chemistry be taken before Physics and/or permission of instructor.

ECOLOGY - GRADES 11-12

This course is designed for students who are interested in expanding their understanding of the relationships and interdependence of living things, plants and animals, to their environment. Ecological relationships are studies both structural and functional. Indoor work will include textbook study, lecture, extra reading, report writing, films, and individual or group projects with plants or animals. Some projects will be assigned and others selected by student choice. During more favorable weather part of class time may be spent in the nature study center working on population studies of plants and small animals, trapping, insect collections, plant collections, soil sampling and observations of natural relationships and a unit of solar energy may be included.

Prerequisite: General Biology

ADVANCED CHEMISTRY - GRADE 12

Upon successful completion of Advanced Chemistry students will be able to demonstrate knowledge of:

P-1-AC Review of chemistry
P-2-AC Energy and disorder
P-3-AC Solutions
P-4-AC Solutions
P-5-AC Reaction rates and chemical equilibrium
P-6-AC Acids, bases, and salts
P-7-AC Electrolytes
P-8-AC Organic chemistry

ADVANCED BIOLOGY - GRADE 12

This course is designed to meet the needs of students who are considering a biology-related career, especially in the health related fields. The class will focus on the relationship of anatomy and physiology for many of the major human systems. Tests and quizzes will be given over one or two chapters of the textbook and medical terminology workbook.

The course will be some lecture, class discussion, group experimentation, individual research work and practical lab exams.

Topics to be covered:

- Human Reproduction System
- The Skeletal System
- The Muscle System
- Spinal Cord and the Brain
- Sensory Structures
- Nervous System
- Respiratory System
- Digestive System
- Circulatory System
- Endocrine System
- Metabolism
- Excretory System

Prerequisite: "C" or better in Biology and the completion of Chemistry by the end of the junior year, and permission of the instructor. Suggested prerequisite--Advanced Algebra may be taken concurrently.

SOCIAL SCIENCES

WORLD HISTORY - GRADE 7

World History is an introductory course to the various Social Science disciplines such as history, geography, economics, sociology, and political science. Composition will be required in this course.

Course Outline:
A. The Roman Republic and Empire
B. Islam and the Arab Empire
C. Civilizations in Africa
D. China and Japan
E. The Middle Ages
F. The Rise of Latin Christendom
G. The Modern Age Begins

AMERICAN HISTORY - GRADE 8

Eighth grade American History will acquaint the student with the early development of the United States. Primary emphasis will be placed on the period from 1700 to the Civil War. During the second semester, there will be a study of Nebraska History. Students will gain an understanding of the development of the state from the Territorial Days to the present. Composition will be required in this course.

Course Outline:

A. English Settlements and European Rivalries
B. The American Revolution
C. The Making of a New Nation
D. The Challenge of Sectionalism
E. A Nation Divided
F. Nebraska History

WORLD GEOGRAPHY - GRADE 10

Geography is viewed broadly as a body of information and a process through which we attempt to understand the spatial arrangement and interaction of land, water, climate, and people over the earth. The course employs this viewpoint and brings the regions of the world into sharper focus. The study of geography can be organized around five key themes: location, place, movement, region, and human/environment interaction. These themes offer a structured way of thinking about the world and can be used to study all kinds of geographic issues from local to global levels. Composition will be required in this course.

Course Sections Include:

Foundations of Geography
United States and Canada
Latin America
Europe
Russia and The Eurasian Republics
North Africa and Southwest Asia
Africa South of the Sahara
South Asia
East Asia
Southeast Asia
Australia, Oceania, and Antarctica

AMERICAN HISTORY - GRADE 11

American History is a survey course which provides a general inspection of our history from the Civil War era to the modern period. Basically this course begins where 8th grade American History leaves off. This course incorporates a study of economics and political developments in order to give the student a better understanding of his heritage.

Course Outline:

A. A Nation Divided
B. Creating Industrial Strength
C. A New Nation Emerges
D. The Progressive Movement
E. Reaching into the World
F. Prosperity's Promise, the 20's, and the 30's
G. The Reluctant World Power
H. "American Gothic" the U.S. 1945-55
I. Years of Trial and Hope, the Fabulous Fifties and the Troubled Sixties
J. Recent America: 1964-1984

AMERICAN GOVERNMENT - GRADE 12

The American governmental system is complex. It is also an all-pervading social force which plays a meaningful part in our daily lives. This course considers the ways in which it is organized, the ways it is controlled by the people, and the ways it functions. By examining the basic concepts, the structure, and the people involved, the students will view their government in a less complicated way. The emphasis in this course is in understanding the three branches of America's government and the rights and responsibilities of American citizens in a democratic nation. Composition will be required in this course.

Course Outline:

- Foundations of the American Government
  - Political Behavior; Government by the People
  - The Legislative Branch
  - The Executive Branch
  - The Judicial Branch
  - Civil Rights and Responsibilities
  - Comparative Political and Economic Systems
  - Participating in State and Local Government

MODERN PROBLEMS - GRADES 11 OR 12

Modern Problems is a junior/senior level social science course. The focus of study is on current social problems. Examination of causes, complexities, impact, and solutions will guide student work. Topics will be explored in relationship to sociological, economic, political, and psychological perspectives. Learning activities will include: forums, debates, small groups, newspapers in education, surveys, guest speakers, critical thinking, role-playing, video presentations, independent projects, and internet applications.

Course Sections Include:

- Wealth and Power
- World Population and Global Inequality
- Threats to the Environment
- Immigration
- Demographic Changes in America
- Urban Problems
- Poverty
- Racial and Ethnic Inequality
- Gender Inequality
- The Problems of Work
- Family Issues
- Education
- Health and Health Care Delivery
- National Security
- Crime and Justice
- Drugs
- Human Rights

WORLD HISTORY - GRADES 11-12

World History will focus on major turning points that shaped the world. Instruction will emphasize the Nebraska State Standards for World History. Students will explore the world at 1,000 C.E. (common era) through the 20th century. Instruction for exploring World History will include in-class discussions, unit videos, individual and group presentations, and a variety of activities that will enhance the student's understanding of the world.

LEADERSHIP - GRADES 11-12

Leadership is a class for anyone who wants to take the lead. Leadership is a people-centered skill that is critical in almost every situation in which two or more people come together in pursuit of a common goal. Knowing how to lead is a vital skill that everyone should learn as early in life as possible.

Focus on this class is on leadership skills. Much attention will be paid to the skills used by leaders in our world--both past and present. We shall explore ways to add leadership skills to one's arsenal of personal traits in order to achieve happiness and contentment in all areas of life.

The major goals of Leadership Class is to help gain:

- greater self-respect
- greater success
- greater recognition for all jobs/tasks done
- greater cooperation from friends, family, group members
- greater and more effective direction in life and the ability to make a greater contribution to the world.

Learning activities will include: Independent study, book reports, internet activities, presentations, role-playing, in-depth analysis of specific leaders, videos, interacting with guest speakers, small group activities, written work/essays, interviews, and community service projects.

SCHOOL-TO-WORK APPRENTICESHIP BLOCK

Grade 12 Only

School-To-Work Apprenticeship Block is a combination of school site preparation and actual work site experiences designed to enable students to acquire attitudes, skills, and knowledge for career and other life roles in real work settings. The School-To-Work Apprenticeship Block helps students to:

- strengthen broad social and technical skills;
- develop personal responsibility;
- explore career options;
- gain job/site specific skills;
- foster positive relationships with adults;
- understand the relevance of and application to academic learning.

Prerequisite: Senior year
Application required

COMPUTER NETWORKING

Computer Networking is a unique and privileged program. It will be a two-year commitment by the student who chooses to complete the coursework. The Computer Networking program is a four-semester program on the principles and practice of designing, building and maintaining networks capable of supporting national and global organizations. The classes are held at Beatrice High School and are held according to their class schedule.

Minimum Requirements:

1. Must be 10th or 11th grade student;
2. Working knowledge of computers and their components;
3. Self-motivated and capable of working with other students.

COMPUTER NETWORKING I

(one semester)
Computer Networking I provides networking concepts—from pulling cable, through such concepts as subnet masking rules and strategies. The format for the classes reflects the content. All reading and labs are done from the internetworking server. The textbook is online.

COMPUTER NETWORKING II

(one semester) Prerequisite: Computer Networking I
Computer Networking II involves an in depth look at internetwork router programming. Eighty percent of this semester is intense lab work.

COMPUTER III

(one semester) Prerequisite: Computer Networking II
Computer Networking III involves router programming, IOS updates, VLAN's, ACL's, and Novell IPX.

COMPUTER NETWORKING IV

(one semester) Prerequisite: Computer Networking III
Computer Networking IV involves advanced network management, LAN, and WAN design.