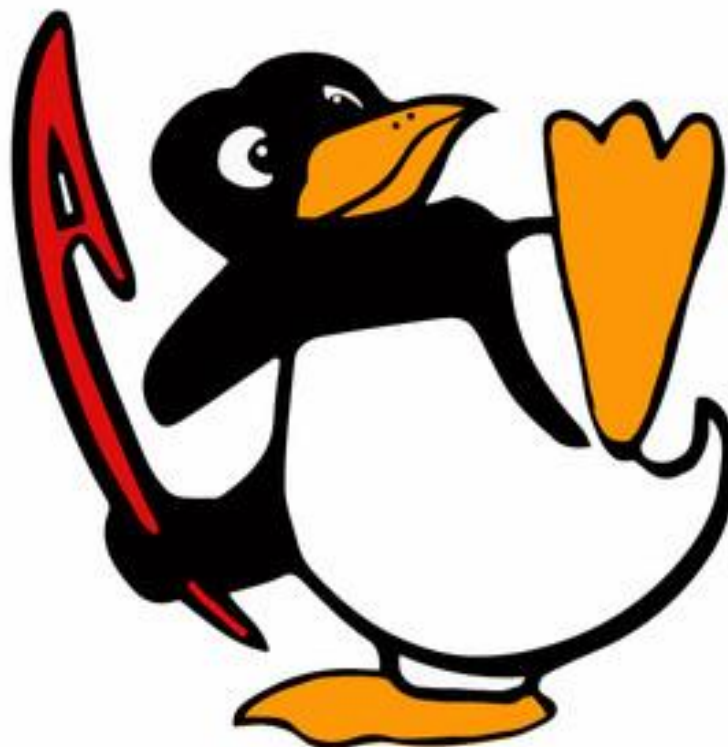


TRI-COUNTY AREA SCHOOL DISTRICT



2017-2018 COURSE CATALOG GRADES 9-12

Revised April 2017

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GRADUATION REQUIREMENTS for TRI-COUNTY HIGH SCHOOL

Total Credits Minimum Needed for Graduation = 24 ½

Requirement Area	Total Credits	Specific Courses or Requirements	Class Credit
English	4 credits	English 9 / English 9 Honors	1
		English 10 / English 10 Honors	1
		American Literature / AP Language & Composition	1
		Oral & Written Communication / British Literature	1
Math	3 credits	Algebra I / Algebra I Plus	1
		Geometry / Geometry Plus	1
		Algebra II / Algebra II Plus	1
Science	3 credits	General Science	1
		Biology	1
		Chemistry OR *Animal Science II/Horticulture (see below)	1
Social Studies	3 credits	Civics I / Civics I Honors	½
		Civics II / Civics II Honors	½
		US History / AP US History	1
		Social Problems	½
		Social Studies Elective	½
Computers I	½ credit	*Must pass Intro to Computers (Keyboarding) first	½
Health	½ credit	Health	½
Phy. Ed.	1 ½ credits	Phy. Ed. OR Fitness	½
Parenting	½ credit	Parenting	½
Personal Finance	½ credit	Personal Finance (or Accounting)	½
		Accounting (*Dual credit option – see below.)	1
Career & Technical Ed	2 credits	*See CTE Course List (below)	2
Elective Courses	6	Electives (Core or Specialty Area)	6
TOTAL	24 ½		

***Science Electives:** Animal Science II & Horticulture (both classes taken) count toward the 2-credit CTE requirement.

***Accounting may be taken in lieu of Personal Finance, and students can receive dual credit** (1 credit will count toward the 2-credit CTE requirement, and will also count toward ½ credit of Personal Finance).

***Career & Technical Ed (CTE) Courses (all are ½ credit except *Accounting):**

Agricultural Science

- Animal Science I
- Animal Science II
- Horticulture
- FFA Leadership I
- FFA Leadership II
- Landscaping
- Food Science
- Natural Resources

Business & Information Technology

- Accounting (1 credit)
- Computers II
- Business Procedures
- Career Exploration

Technology Education

- CAD Introduction
- CAD Architecture/Engineering
- Graphic Communications
- Multimedia Communications
- Metals
- Power & Energy I
- Power & Energy II
- Technology I
- Technology II
- Woods I
- Woods II

Typical College Admission Requirements

Tri-County High School's graduation requirements meet the typical college admission requirements (for both technical colleges and universities).

*Some universities require Fine Arts (Choir, Band, Art, etc.) and a Foreign Language (Spanish) for admission.

*Be sure to check with the specific colleges/universities in which you are interested, to ensure that you meet their specific requirements! You can also check with Mrs. Nugent in the Counseling Office.

English – 4 Credits

Math – 3 Credits (Algebra II is recommended if attending college)

Science – 3 Credits

Social Studies – 3 Credits

Specialty or Trade Schools

If you think you might be attending a specialty school or trade school, such as for music, video production, photography, art/design, construction, welding, etc., it would be wise to take electives that would prepare you for those fields of study. Talk to Mrs. Nugent if you want more information.

Agricultural Science

Animal Science I & II ♦ FFA Leadership I & II ♦ Food Science ♦ Horticulture ♦ Landscaping ♦ Natural Resources

ANIMAL SCIENCE I

GRADE: 9-12

SEMESTER: 1st Semester

PREREQUISITE: None

DESCRIPTION: Do you like animals? Then this class is for you. We focus on large production animals such as beef, sheep, swine, and equine science. Fitting and showing techniques are learned, along with field trips to see actual practices in the area. Animal nutrition, meats and animal welfare are also important topics in class. Dissection is also a part of this class whether we are dissecting cow eyes, udders or an unborn fetal calf. Participating in FFA activities and using skills learned in class make this a fun, hands-on approach to learning about Animal Science.

ANIMAL SCIENCE II (Science Equivalent Credit)

GRADE: 9-12

SEMESTER: 2nd Semester

PREREQUISITE: ANIMAL SCIENCE I or BIOLOGY

DESCRIPTION: Companion animals, vet techniques including suturing, incisions and care of animals, ethical treatment, vet terminology, body systems of animals and working with live animals are a part of the curriculum for this class. You need to have a basic understanding of animals and terms used in animal science and/or biology. You will participate in a simulated lab making incisions, identifying all components to all body systems and sutures on cats. This is an advanced study of companion and farm animals. In this class you will also have the opportunity to hatch chicks and work closely with the third grade students during this unit. It is a great class to take if you are planning on going into any field dealing with animals. *THIS COURSE COUNTS AS SCIENCE AND CTE CREDIT.

FFA LEADERSHIP I

GRADE: 9-12 & Instructor Approval

SEMESTER: 1st Semester

PREREQUISITE: Be a paid member of the Tri-County FFA Chapter

DESCRIPTION: WHAT IS A LEADER? This course focuses on the personal traits it takes to be a leader. Participating in FFA activities you will get a chance to work independently on various leadership projects, while using the large group to bounce ideas off of. Members should be willing to take on responsibility and follow through on projects that are started. FFA activities include: FFA Week, FFA Banquet, Safety Day, Food for America Program, Proficiency Awards, National Chapter Award, State FFA Degrees, and more.

FFA LEADERSHIP II

GRADE: 11-12 & Instructor Approval

SEMESTER: 1st and/or 2nd Semester

PREREQUISITE: Completed at least 2 years of Ag classes and FFA Leadership 1, & have a specific interest area of study in mind.

Also for the FFA Officer that cannot take an Ag class due to schedule conflict.

DESCRIPTION: This is a semester or year course, dependent upon the project that the student chooses to do. It is open to all juniors and seniors who have had two years of Ag classes or are an FFA Officer who cannot take an Ag class due to schedule conflicts, who have a specific interest area and would like to explore it more in depth. It is also for students to get information on areas that might not have been covered in other areas of the Agri-science curriculum.

FOOD SCIENCE

GRADE: 9-12

SEMESTER: 1st and 2nd Semesters

PREREQUISITE: NONE

DESCRIPTION: Food science is an industry that is continually growing and evolving. It is an industry that is anything but stagnant. This class consists of developing a fundamental knowledge of the food industry; food safety, sanitation, processing, classification, chemistry, components and quality. Students will have the opportunity to put their knowledge into play with various labs dealing with several aspects of the industry, from the chemistry of food to the proper techniques of canning. Some examples of labs that students will participate include but are not limited to grape juice, jams, holiday candies, pies, cookies, root beer and cheese. This class will open student's eyes to a new aspect of the food industry and develop a new respect and perspective of the industry.

HORTICULTURE (Science Equivalent Credit)

GRADE: 9-12

SEMESTER: 1st Semester

PREREQUISITE: NONE

DESCRIPTION: One of the fastest growing career areas in agriculture is the horticulture industry. The class consists of plant breeding techniques, plant propagation, growing plants by hydroponics, plant biotechnology and genetics, soil, careers in the horticulture industry, plant cells, photosynthesis and cellular respiration, climate change and much more. Students will put forth all the knowledge gained from the semester and research, develop and execute an agriscience fair experiment. Participating in FFA activities and using skills learned in class provide the opportunity to get out of the class and work in "real-world" settings. This class will also count for ½ credit of science in addition of general science and biology. *THIS CLASS COUNTS AS A SCIENCE AND CTE CREDIT.

LANDSCAPING

GRADE: 9-12

SEMESTER: 2nd Semester

PREREQUISITE: NONE

DESCRIPTION: This class focuses on "practical landscaping" and doing projects. Some of the projects include: concrete/masonry work, growing plants for sales or use around the school grounds and greenhouse, and planning and implementing a landscape project on school grounds or in the community. We will also learn how to start plants in a greenhouse and use them for our garden or home flower beds. Having taken Horticulture will provide you with a better understanding of the terms used. Participation in FFA activities & using skills learned in class provide the opportunity to get out of the class and work in "real-world" settings.

NATURAL RESOURCES

GRADE: 9-12

SEMESTER: 2nd Semester

PREREQUISITE: NONE

DESCRIPTION: Wildlife, outdoor recreation, forestry, tree identification, compass reading and use, hunting rules and regulations, soil conservation and taxidermy topics are covered in this class. Learn about career areas in natural resources; listen to speakers and going outside to explore and observe nature and animals in their natural habitats. Possible activities include fish taxidermy, making turkey calls, making tracks, water testing, compass course and much more! Participation in FFA activities provides additional hands-on activities.

Alternative Education

GRADPOINT ALTERNATIVE EDUCATION COURSES

GRADE: 9-12

SEMESTER: 1st and/or 2nd Semester

PREREQUISITE: ASSIGNED through PRINCIPAL, SCHOOL COUNSELOR, & ALTERNATIVE EDUCATION INSTRUCTOR

DESCRIPTION: GradPoint is an online computer-based educational opportunity offered to those students who are credit deficient and are at-risk for not graduating on time with their class. Students are placed into the Alternative Education program for a variety of reasons including poor academic performance in the original academic class and poor school attendance. Many of the course offerings also require additional written work that may include, but is not limited to, essays, research papers, power-point presentations, and speeches.

Please note: failure to complete all of the requirements for any given class will result in a non-passing grade for that class and the student will need to take the class for the (third) time in the regular classroom setting. Grading for the online/computer based course is similar to that of 'regular' classes. Each class has benchmarks that must be met in order to complete the course within the semester time frame. If those benchmarks are not met, the student's grade may reflect a lower (or possibly, failing) grade at each grading period (progress reports, quarter, and semester grades).

Art

2-D Art I, II, III, & IV ♦ 3-D Art I, II, III, & IV ♦ TC Pride Projects

2-D ART I

GRADE: 9-12

SEMESTER: 1st and 2nd Semesters

PREREQUISITE: NONE

DESCRIPTION: This is a beginning level class in 2-D visual arts & design, with an emphasis on developing skills in a variety of two-dimensional arts. Studio work may include drawing in a variety of media, painting, photography, contests & other 2-D media. Written work may include art history, self-evaluations, art careers, presentations, critiques and on-line tasks.

2-D ART II

GRADE: 9-12
SEMESTER: 1st and 2nd Semesters
PREREQUISITE: 2-D ART I
DESCRIPTION: This class builds on & develops more advanced skills in 2-D visual arts & design. Studio work may include drawing in a variety of media, painting, photography, contests & other 2-D media. Written work may include art history, self-evaluations, art careers, presentations, critiques and on-line tasks.

2-D ART III

GRADE: 10-12
SEMESTER: 1st and 2nd Semesters
PREREQUISITE: 2-D ART I and II, and Instructor Approval
DESCRIPTION: Emphasizing advanced techniques & original concepts, students will develop a personal portfolio of artwork showing their level of mastery of a variety of 2-D media. Students will create individually contracted work and studio work may include drawing in a variety of media, painting, photography, contests & other 2-D media. Written work may include art history, self-evaluations, art careers, presentations, critiques and on-line tasks.

2-D ART IV

GRADE: 10-12
SEMESTER: 1st and 2nd Semesters (to be taught concurrently with 2D Art III)
PREREQUISITE: 2-D ART I, II and III, and Instructor Approval
DESCRIPTION: Emphasizing advanced techniques & original concepts, students will finish a personal portfolio of artwork showing their level of mastery of a variety of 2-D media. Students will create individually contracted work and studio work may include a senior tile. Written work may include art history, self-evaluations, art careers, presentations, critiques and on-line tasks.

3-D ART I

GRADE: 9-12
SEMESTER: 1st and 2nd Semesters
PREREQUISITE: NONE
DESCRIPTION: This is a beginning level class in 3-D visual arts & design, with an emphasis on developing skills in a variety of three-dimensional arts. Fall semester studio work may include ceramics, frameworking, glass, leather, contests & other 3-D media. Spring semester studio work may include metals, wire working, wood, fibers, contests & other 3D media. Written work may include art history, self-evaluations, art careers, presentations, critiques and on-line tasks. There is a capacity on the entire 3D class of 16 total students, due to the dangerous and hazardous materials used in class.

3-D ART II

GRADE: 9-12
SEMESTER: 1st and 2nd Semesters
PREREQUISITE: 3-D ART I
DESCRIPTION: This class builds on & develops more advanced skills in 3-D visual arts & design. Fall semester studio work may include ceramics, frameworking, glass, leather, contests & other 3-D media. Spring semester studio work may include metals, wire working, wood, fibers, contests & other 3D media. Written work may include art history, self-evaluations, art careers, presentations, critiques and on-line tasks. There is a capacity on the entire 3D class of 16 total students, due to the dangerous and hazardous materials used in class.

3-D ART III

GRADE: 10-12
SEMESTER: 1st and 2nd Semesters
PREREQUISITE: 3-D ART I and II, and Instructor Approval
DESCRIPTION: Emphasizing advanced techniques & original concepts, students will develop a personal portfolio of artwork showing their level of mastery of a variety of 3-D media. Students will further their knowledge, skills, and techniques in various 3-D media and create individually contracted work. Fall semester studio work may include ceramics, frameworking, glass, leather, contests & other 3-D media. Spring semester studio work may include metals, wire working, wood, fibers, contests & other 3D media. Written work may include art history, self-evaluations, art careers, presentations, critiques and on-line tasks. There is a capacity on the entire 3D class of 16 total students, due to the dangerous and hazardous materials used in class.

3-D ART IV

GRADE: 10-12
SEMESTER: 1st and 2nd Semesters (to be taught concurrently with 3D Art 3)
PREREQUISITE: 3-D ART I, II and III, and Instructor Approval
DESCRIPTION: Emphasizing advanced techniques & original concepts, students will finish a personal portfolio of artwork showing their level of mastery of a variety of 3-D media. Students will further their knowledge, skills, and techniques in various 3-D media and

create individually contracted work. Fall semester studio work may include ceramics, frameworking, glass, leather, contests & other 3-D media. Spring semester studio work may include metals, wire working, wood, fibers, contests & other 3D media. Written work may include art history, self-evaluations, art careers, presentations, critiques and on-line tasks. There is a capacity on the entire 3D class, of 16 total students due to the dangerous and hazardous materials used in class.

TC Pride Projects

GRADE: 11-12
SEMESTER: 1st and 2nd Semesters (May sign up for one or both semesters)
PREREQUISITE: Instructor Approval
DESCRIPTION: This is an excellent opportunity for students to participate in service work for the school and the school community. Students will be working on a variety of projects to enhance our school and community such as murals or design projects around the school campus. Some work will be by request and others can include ideas proposed by the class members. Drawing skills or the ability to create original work is not a requirement, but good craftsmanship and the ability to work well with others is necessary. Grades will be on a pass/fail scale and are primarily calculated on daily effort. Permission of the instructor is a requirement to participate in this class.

Business & Information Technology

Accounting ♦ Computers I & II ♦ Business Procedures ♦ Career Exploration ♦ Keyboarding ♦ Personal Finance

ACCOUNTING

GRADE: 11-12 (10th graders with instructor approval)
SEMESTER: FULL YEAR
PREREQUISITE: Successful completion of Computers I
DESCRIPTION: This course provides an understanding of the basic elements & concepts of double-entry accounting systems. Activities include using the accounting equation in an accounting cycle to enter transactions in journals, post to ledgers, prepare end-of-period statements & reports; along with learn about payroll systems banking activities, taxes, noncollectable accounts, depreciation, inventories & notes & interest. Students will work with realistic business papers, making entries in journals & accounts, creating financial reports, etc. Also, students will have an introduction to automated accounting.
Attention: Class of 2018 and below - This course will meet the ½ credit of Personal Finance and 1 credit of CTE Elective; by successfully passing BOTH semesters!

COMPUTERS I **REQUIRED FOR GRADUATION**

GRADE: 9-12
SEMESTER: 1st or 2nd Semester
PREREQUISITE: Successful completion of Keyboarding or passing 8th grade Keyboarding
DESCRIPTION: Students will continue to develop an understanding of computer terminology & how computers work using the Microsoft Office application software. Students will complete the following units; using Word to review & expand on the word processing skills taught in Keyboarding/Intro to Computers; develop basic spreadsheet skills using Excel; create presentations using PowerPoint; Integrate the Internet using Google Chrome and Google Docs throughout the course.

COMPUTERS II

GRADE: 9-12 *This course would be very helpful to Seniors taking Written Communications.
SEMESTER: 1st or 2nd Semester
PREREQUISITE: COMPUTERS I, with a 77% or higher
DESCRIPTION: Students will be introduced to basic database skills using Microsoft Access, along with developing advanced skills in Microsoft Word, Excel & the integration of all these Microsoft Applications. Some of the skills learned will include creating a Table of Contents & Outlines for documents, creating Mail Merge documents, learning more intermediate and advanced spreadsheet features & functions such as CHOOSE, VLOOKUP, Amortization Table to name a few.
Attention: Class of 2018 and below - This course will meet a ½ credit CTE Elective

BUSINESS PROCEDURES

GRADE: 9-12
SEMESTER: 2nd Semester
PREREQUISITE: Successful completion of Computer 1
DESCRIPTION: This course will apply the following concepts of business situations: records management (filing), business machine operation (10-Key Display Calculators), telephone techniques & create a business & the following using Microsoft Publisher; business card, letterhead, brochure, newsletter, etc. Students will also learn to merge Excel into Publisher and Word, along with creating & presenting a PowerPoint Presentation for their business.
Attention: Class of 2018 and below - This course will meet a ½ credit CTE Elective

CAREER EXPLORATION

GRADE: 11-12

SEMESTER: 1st or 2nd Semester

PREREQUISITE: NONE

DESCRIPTION: This course will give students an opportunity to prepare for a career. The focus will be on career trends for the future, analyzing personal skills, interests & attitudes, exploring career clusters, preparing a work portfolio, interviewing for a job, developing & assessing personal skills needed for getting & keeping a position. Successful completion will be required for a supervised work experience that may be taken for credit. *Attention: Class of 2018 and below - This course will meet a ½ credit CTE Electiv*

INTRODUCTION TO COMPUTERS (formerly Keyboarding)

GRADE: 9-12

SEMESTER: 1st Semester

PREREQUISITE: NONE → (Taken ONLY if NOT passed in 8th grade) *Must pass before taking Computers I

DESCRIPTION: Students in this course will develop speed & accuracy by learning the touch operation of alphanumerical keyboard, along with learning basic word processing skills using Microsoft Word, along with learning to format business documents, such as letters, reports & memorandums.

PERSONAL FINANCE REQUIRED FOR GRADUATION

*The Accounting course will meet this ½ credit requirement for the Class of 2015 and below

GRADE: 9-12

SEMESTER: 1st or 2nd Semester

PREREQUISITE: Computers I

DESCRIPTION: This course is designed to help young people become aware of their rights & responsibilities as consumers. The content of this course is based upon the idea that the individual's personal values & attitudes will influence their consumer behavior. The topics studied include: making an income & the decision making process for spending it, major consumer purchasing decisions, saving & investing, banking services including personal checking accounts, protecting your finances & financial well-being. Students will be graded on tests, daily assignments, class participation & special projects.

English

English 9 ♦ English 9 Honors ♦ English 10 ♦ English 10 Honors ♦ American Literature
AP Language & Composition ♦ British Literature ♦ Oral Communication ♦ Written Communication

ENGLISH 9 REQUIRED FOR GRADUATION

GRADE: 9

SEMESTER: FULL YEAR

PREREQUISITE: NONE

DESCRIPTION: English 9 is a year-long course that fulfills one full credit towards the English requirement for graduation. This course includes developmental reading with an introduction to literature. Students will read a variety of genres over the course of the year, including but not limited to: narratives, informational texts, poetry, persuasive texts, Shakespearean drama, and novels. They will be responsible for researching and writing a variety of formal essays. Students will also be responsible for reading literature, completing assignments, taking quizzes and tests, and writing essays in MLA format.

ENGLISH 9 HONORS REQUIRED FOR GRADUATION IF NOT IN ENG 9

This course is designed for student who may wish to take Advanced Placement Courses as a Junior or Senior

GRADE: 9

SEMESTER: FULL YEAR

PREREQUISITE: TEACHER RECOMMENDATION OR INSTRUCTOR APPROVAL

DESCRIPTION: English 9 Honors is a year-long course that fulfills one full credit towards the English requirement for graduation. This course is designed for any student who may wish to take Advanced Placement courses as a junior or senior. This course includes developmental reading with an introduction to literature, and will cover the same material as English 9, but at a different pace. Students will read a variety of genres over the course of the year, including but not limited to: narratives, informational texts, poetry, persuasive texts, Shakespearean drama, and novels. They will be responsible for researching and writing a variety of formal essays. Students will also be responsible for reading literature, completing assignments, taking quizzes and tests, and writing essays in MLA format. Students will be expected to fully participate in class discussions about the literature and topics of study.

ENGLISH 10**REQUIRED FOR GRADUATION**

GRADE: 10
 SEMESTER: FULL YEAR
 PREREQUISITE: English 9

DESCRIPTION: This course will involve the study of literature, including short stories, poetry, nonfiction essays, a major play & a novel. Writing of compositions, & possibly a research paper is taught (this is to prepare students for major term papers in English 11 & 12). The course also includes a speech unit which could cover informative, persuasive & demonstrative presentations. Students will be involved in researching & writing the English projects, reading of assignments, taking quizzes & tests, researching speeches & writing them as formal essays as well as giving them orally to the class. Materials used are textbooks, novels, videotapes & notebooks.

ENGLISH 10 - HONORS**REQUIRED FOR GRADUATION (IF NOT IN ENGLISH 10)**

GRADE: 10
 SEMESTER: FULL YEAR

PREREQUISITE: *This course is designed for student who wish to take Advanced Placement Courses as a Junior or Senior*

DESCRIPTION: This course will involve the study of literature, including short stories, poetry, nonfiction essays, a major play & a novel. Writing of compositions, & possibly a research paper is taught (this is to prepare students for major term papers in English 11 & 12). The course also includes a speech unit which could cover informative, persuasive & demonstrative presentations. Students will be involved in researching & writing the English projects, reading of assignments, taking quizzes & tests, researching speeches & writing them as formal essays as well as giving them orally to the class. Materials which will be used are textbooks, novels, videotapes & student-provided notebooks.

AMERICAN LITERATURE**REQUIRED FOR GRADUATION**

GRADE: 11
 SEMESTER: FULL YEAR
 PREREQUISITE: English 9, English 10

DESCRIPTION: American Literature is a year-long course that fulfills one full credit towards the English requirement for graduation. This course will explore literature written by American authors, poets, playwrights, etc., from 1600 to the present, which includes *The Crucible* and *To Kill A Mockingbird*. Students will continue to enhance their vocabulary development throughout this course. Students will also be responsible for reading literature, completing assignments, taking quizzes/tests, and researching a topic and writing a research paper using MLA format. Students are expected to participate in class discussions about literature and topics of study.

ADVANCED PLACEMENT LANGUAGE & COMPOSITION**REQUIRED FOR GRADUATION (IF NOT AMERICAN LIT.)**

GRADE: 11 (POSSIBLE FOR 12TH GRADE)
 SEMESTER: FULL YEAR
 PREREQUISITE: Successful completion of ENGLISH 9 & 10

DESCRIPTION: AP Language and Composition is a year-long survey of American literature. This course is recommended for students who plan on attending college in the future. Students will read literature by great American writers. Another feature of this course is a year-long study of rhetoric and composition, focusing on analysis and argument. The goal of this class is to give students a strong foundation in the English language and American literature so they can effectively understand the AP test, which occurs in May. Students will also regularly practice their writing skills in this course.

BRITISH LITERATURE**REQUIRED FOR GRADUATION**

GRADE: 12
 SEMESTER: FULL YEAR
 PREREQUISITE: English 9, English 10, American Literature/AP Language & Composition

DESCRIPTION: This course will include the study of literature, including short stories, poetry, nonfiction essays, either one of two Shakespearean plays, & a novel. A major research paper is assigned, as well as shorter compositions. Students will be involved in researching & writing a research paper, --lectures on "how to" as well as the writing of reaction papers, class discussions of literature, & tests & quizzes. Materials that will be used are textbooks, novels, videotapes, & student-provided notebooks.

ORAL/INTERPERSONAL COMMUNICATIONS**REQUIRED FOR GRADUATION (if not in BRITISH LITERATURE)**

GRADE: 12 & Instructor Approval
 SEMESTER: 1st Semester - This class is limited to 12 students.
 PREREQUISITE: Successful completion of 9, 10, 11th Grade English, and review of attendance records, Cumulative G.P.A. of 3.3+(exceptions approved by instructor & principal)

DESCRIPTION: This course focuses on developing skills needed for effective interpersonal & oral communication, both in daily living & on the job. Personal communication strengths & weaknesses will be recognized & dealt with through group activities, projects & discussions. Verbal, nonverbal, listening & oral presentation skills will be emphasized. Students will: 1) Demonstrate effective interpersonal communication skills: speaking, listening, & nonverbal. 2) Demonstrate effective intrapersonal communication skills. 3) Deliver presentations tailored for specific audiences. *These students should be highly proficient in English. Students earning a proficient grade in each class will receive dual credit (high school (1/2 credit) & Mid-State Tech College).*

WRITTEN COMMUNICATIONS **REQUIRED FOR GRADUATION (if not in BRITISH LITERATURE)**

GRADE: 12 & Instructor Approval
SEMESTER: 2nd Semester - This class is limited to 12 students.
PREREQUISITE: Successful completion of 9, 10, and 11th Grade English, & review of attendance records, 3.3+ Cumulative GPA, additional exceptions approved by instructor & principal
DESCRIPTION: Teaches the writing process (prewriting, drafting, revising, editing), writing with coherence & emphasis, collaborative writing, different rhetorical strategies, business correspondence, the research paper & short informal reports. Students will write effective sentences, various paragraphs, memos, letters & reports. *These students should be highly proficient in English. Students earning a proficient grade in each class will receive dual credit (high school (1/2 credit) & Mid-State Tech College)*

Experiential Learning

Igloo Aide ♦ Library Aide ♦ Math Strategies (Alg. I & Geom.) ♦ Math Strategies (Alg. II & Pre-Calc/Trig)
Mentor Aide ♦ Office Aide ♦ Teacher Aide ♦ Technology Aide ♦ School-to-Work

NOTE: Students must be in 11th or 12th grade and may take NO MORE THAN ONE aide position during a given semester.

PREQUISITE: Students must not have any failing SEMESTER grades from the prior semester. Student will be placed on probation as an aide if he/she does not maintain good academic standing (defined as a minimum GPA of 2.500) and will not be allowed to serve as an aide during the probation period. Determinations will be based on posted grades (Progress Reports and Quarter grades. Not cumulative GPA). All Student Aides will need to fill out a grade check form after each grading period. (Grade Check Forms are handled by the Counseling Office)

IGLOO AIDE

GRADE: 11-12
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Approval of Mrs. Byrum or Mrs. Helmrick, Good Academic Standing (Limited to 2 students per semester)
DESCRIPTION: The person interested in being an Aide for the IGLOO, must have interests in the following areas: Marketing, Fashion Design, Helping Others, Community Service and should also have organizational skills and be willing to wash, dry and fold clothes. The IGLOO is a school based donation center that accepts donations from community members that come in randomly. The donations must be sorted through, organized, washed, and displayed neatly for others. Spearheading school wide "drives", collections, mitten trees, etc. will also be part of the student's obligations. Writing articles for the district newsletter and promoting the IGLOO are also expectations for this position. The supervising teachers for the IGLOO are Ms. Byrum and Mrs. Helmrick.

LEARNING COMMONS (formerly Library) AIDE

GRADE: 11-12, or pre-arranged approval
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Be in good academic standing with approval from the Library Media Specialist.
DESCRIPTION: Learning Commons Aides are chosen on the basis of interest in the Learning Commons, willingness to learn new skills, and assisting fellow students and staff. Duties include: running the circulation desk, using the photocopier, processing new materials, shelving books, checking in and displaying magazines, cleaning equipment and furniture, preparing displays, operating the Destiny management software, and assisting users of the Learning Commons.

MATH STRATEGIES (ALGEBRA I & GEOMETRY)

GRADE: 9-10
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Currently enrolled in Algebra I / Algebra I Plus, or Geometry / Geometry Plus.
DESCRIPTION: This class is intended for any student currently enrolled in Algebra I, Algebra I Plus, Geometry, or Geometry Plus that may need further instruction to grasp some of the more challenging concepts taught in their respective class. The student can expect to have time to ask questions on previous or current work and have time to begin homework. This class will be counted as an elective credit.

MATH STRATEGIES (ALGEBRA II & PRE-CALC/TRIG)

GRADE: 11-12
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Currently enrolled in Algebra II / Algebra II Plus, or Pre-Calc/Trig
DESCRIPTION: This class is intended for any student currently enrolled in Algebra II, Algebra II Plus, or Pre-Calculus/Trigonometry that may need further instruction to grasp some of the more challenging concepts taught in their respective class. The student can expect to have time to ask questions on previous or current work and have time to begin homework. This class will be counted as an elective credit.

TUTOR/MENTOR

GRADE: 11-12
SEMESTER: 1ST and/or 2ND Semester
PREREQUISITE: Approval of School Counselor/Principal, Good Academic Standing
DESCRIPTION: Seniors & *exceptional* juniors who are interested in making a difference in the academic & social life of students (PK-12) will apply for this class. You will be trained & work with ONE student for at least a semester, helping with homework & learning to do some fun things together. If you really want to touch the future, look into this class.

OFFICE AIDE

GRADE: 11-12 (PRIORITY TO 12TH GRADE)
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Approval of School Counselor/Principal, Good Academic Standing
DESCRIPTION: Students are chosen on the basis of citizenship, attendance, reliability, & confidentiality. Some duties are: answer telephones, operate copier, operate postage meter, type, computer work, filing, check in materials & supplies, delivery of materials & messages, & sorting & distribution of mail.

TEACHER AIDE

GRADE: 11-12
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Approval of Instructor, Good Academic Standing
DESCRIPTION: Teacher Aides are selected on the basis of citizenship, dependability, attendance, & ability to work with a minimum of supervision. Aides perform a variety of duties depending on the classroom in which they work. They often correct papers, record grades, file, run errands, help students individually, make posters, help decorate the classroom, & help keep the classroom neat & organized.

TECHNOLOGY AIDE

GRADE: 11-12
SEMESTER: FULL YEAR
PREREQUISITE: Approval of Information Systems Specialist/Excellent Academic Standing
DESCRIPTION: There are several skills a good Tech Aide must possess in order to be effective. In addition to high academic achievement, strong ethical character is an essential part of the job. Candidates must be able to demonstrate a working knowledge of various Window Operating Systems (98se, 2000, XP & Vista as a plus). Hardware identification & troubleshooting will be utilized often, along with the installation of various software. Candidates must be willing to work in a variety of situations: classrooms, computer labs, offices & on ladders in the ceilings while running cables. A maximum of 2 students will be accepted for this position each year.
Applicants will be interviewed and must pass a test before acceptance into this role.

SCHOOL-TO-WORK

GRADE: 12
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Successful completion of Career Exploration Course, Approval of School Counselor/Instructor
DESCRIPTION: If you would like to get practical experience from working & earn credit, then this is the place for you! You will need to meet the requirements of the career exploration class & be earning a "C" or better in all of your classes. If you choose to leave on an agriculture co-op skills agreement, then you must be a paid FFA member in good standing & meet the requirements of the DPI agreement. At the completion of your work-based learning, you will receive either an "employability skills certificate" and/or "agribusiness skills certificate" in the area of your study.

Foreign Language

Spanish I ♦ Spanish II ♦ Spanish III & IV

SPANISH I

NO INDEPENDENT STUDY ALLOWED

GRADE: 9-12
SEMESTER: FULL YEAR
PREREQUISITE: An average of at least a "C" in English classes
DESCRIPTION: In Spanish I, students will begin the development of the four basic language skills - listening, speaking, reading and writing. This course includes Spanish grammar, sentence structure, idioms, conversation, and the culture of Spanish speaking countries. Material is studied in class using group work, games and a variety of activities. Students are graded on daily assignments and participation, projects, quizzes and tests

SPANISH II

NO INDEPENDENT STUDY ALLOWED

GRADE: 10-12
SEMESTER: FULL YEAR
PREREQUISITE: Successful Completion of SPANISH I
DESCRIPTION: Spanish II is a challenging grammar and conversation course. The class reviews material from Spanish I and includes past tense, irregular verb forms and more advanced sentence structures. This course also includes further study of Spanish speaking countries. Material is studied in class using group work, games and a variety of activities. Students are graded on daily assignments and participation, projects, quizzes and tests. *A Spanish-English dictionary is recommended.*

SPANISH III & IV

GRADE: 11-12
SEMESTER: FULL YEAR
PREREQUISITE: Successful Completion of SPANISH I & II (& III in order to take Spanish IV)
DESCRIPTION: Spanish III / IV covers advanced grammar and conversation including many advanced tenses. This course builds upon the grammar concepts learned in Spanish I & II. The course includes a novel, short stories and news articles in Spanish. Students will be expected to communicate mostly in Spanish throughout the class period. *A Spanish-English dictionary is recommended.*

Health & Physical Education

Health ♦ Parenting ♦ Physical Education ♦ Fitness

HEALTH

REQUIRED FOR GRADUATION

GRADE: 9
SEMESTER: 1st or 2nd Semester
PREREQUISITE: NONE
DESCRIPTION: Health Education is a basic ingredient in a preventive formula. The course encourages the student to assume responsibility for the promotion of well-being & the prevention of disease through positive health practices & appropriate health care. The course is based on the "whole person" concept, on recognizing that each individual is multi-dimensional. The physical, emotional, social & intellectual dimensions of each person are dynamically intertwined & are influenced by time, setting, situation, & other people. Acknowledgment & nurturing of the interactions, both within the individual & between individuals, are critical to successful health promotion practices. Students will take quizzes & tests, answer chapter questions & participate in class discussion & do written reports & individual student activities.

PARENTING

REQUIRED FOR GRADUATION

GRADE: 11-12
SEMESTER: 1st or 2nd Semester
PREREQUISITE: NONE
DESCRIPTION: This study involves an understanding that our entire society needs to have children entering school healthy, happy, & ready to learn. "What can individual members of society do to promote that sense of well-being in children?" is the focus of this class. The importance of understanding the concerns & skills of parenting are needed by not only parents, but co-workers, workplace managers & family members. Emphasis is placed on becoming aware of the needs of children & the care that children require. There are a variety of speakers from the community who assist the class to understand the role of local agencies that are available to lend a hand to families.

PHYSICAL EDUCATION

REQUIRED FOR GRADUATION

GRADE: 9-12
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: NONE
DESCRIPTION: This course provides development of motor skills & fitness through a variety of team, individual, & lifetime activities. Activities are lifetime, team, & individual sports, & physical fitness activities. Students need to buy a uniform consisting of a t-shirt & shorts & these can be purchased through the High School Office. Grade will be determined by class participation, skill tests, & written tests on rules & strategies. Included in the grading of class participation is the wearing of the correct apparel.

FITNESS

GRADE: 9 – 12 (16 students MAX)
SEMESTER: 1ST and/or 2ND Semester
PREREQUISITE: INSTRUCTOR APPROVAL
DESCRIPTION: This course will emphasize individual strength training. Emphasis will be on becoming bigger, faster & stronger through proven weight training techniques. Each student will develop his/her own program, which will be followed through daily.

Mathematics

Algebra I ♦ Algebra I Plus ♦ Geometry ♦ Geometry Plus ♦ Math Strategies (Alg. I/Geom) ♦ Algebra II
Algebra II Plus ♦ Pre-Calculus / Trigonometry ♦ Math Strategies (Alg. II/Pre-Calc-Trig) ♦ Advanced Math Topics

ALGEBRA I

GRADE: 9
SEMESTER: FULL YEAR
PREREQUISITE: Direct placement from middle school for 9th graders, based on teachers' recommendations & scores on tests.
DESCRIPTION: This course is designed for students that have mastered the basic fundamentals of whole numbers, fractions, decimals, proportions, and percents. Basic arithmetic operations of real numbers, rational numbers, and integers will be emphasized in this course. Students will learn to solve single-variable and quadratic equations. Students will also manipulate formulas, simplify algebraic expressions, work with polynomials, and solve inequalities. Solving word problems intuitively as well as algebraically will be emphasized. This course is a must for anyone planning to go to a technical college or college, or anyone interested in becoming more adept at solving mathematical problems. Students will have daily assignments to do from the textbook as well as additional worksheets provided by the instructor. Students will be involved in working out homework problems aloud in class, in small groups, and individually. Quizzes and tests are given in each unit of study. Textbooks and supplementary materials will be provided. Students must provide a spiral notebook or loose leaf paper/three ring binder, pencils, straightedge, graph paper, pen, and scientific calculator.

ALGEBRA I PLUS

GRADE: 9
SEMESTER: FULL YEAR
PREREQUISITE:
DESCRIPTION: This fast paced course is designed for students that have mastered and excel in the basic fundamentals of whole numbers, fractions, decimals, proportions, and percents. Basic arithmetic operations of real numbers, rational numbers, and integers will be emphasized in this course. Students will learn to solve single-variable and quadratic equations. Students will also manipulate formulas, simplify algebraic expressions, work with polynomials, and solve inequalities. Solving word problems intuitively as well as algebraically will be emphasized. This course is a must for anyone planning to go to college, or anyone interested in becoming more adept at solving mathematical problems. The fast paced lessons allow time to explore applications of mathematical topics discussed during class. Students will have daily assignments to do from the textbook as well as additional worksheets provided by the instructor. Students will be involved in working out homework problems aloud in class, in small groups, and individually. Quizzes and tests are given in each unit of study. Textbooks and supplementary materials will be provided. Students must provide a spiral notebook or loose leaf paper/three ring binder, pencils, straightedge, graph paper, pen, and scientific calculator.

GEOMETRY

GRADE: 10-11
SEMESTER: FULL YEAR
PREREQUISITE: Successful completion of ALGEBRA I / ALGEBRA I PLUS
DESCRIPTION: In this course of plane, coordinate, and solid geometry, the emphasis will be to develop a logical pattern of reasoning in solving daily problems. The course begins with an overview of plane geometry (study of objects in two dimensions), then looks at a systematic approach to proving a given hypothesis, and progresses to a thorough study of polygons and using formulas to find the areas of regular and irregular polygons. The course then shifts to solid geometry (study of objects in three dimensions) and ends with an overview of coordinate geometry using the coordinate plane for linear equations, the slope of lines, standard, and y-intercept forms of linear equations. There are also special topics such as the Pythagorean Theorem and probability. The student will have daily assignments to do from the textbook as well as supplementary worksheets provided by the instructor. The student will be actively involved in working out problems aloud, in small groups, responding orally to questions posed by the teacher. Quizzes and tests are given in each unit of study. Students will be supplied with textbooks and supplementary worksheets. Students will need to supply a spiral notebook, scientific calculator, pencils, straightedge, protractor, and compass.

GEOMETRY PLUS

GRADE: 10-11
SEMESTER: FULL YEAR
PREREQUISITE: Successful completion of ALGEBRA I / ALGEBRA I PLUS.
DESCRIPTION: In this fast paced course of plane, coordinate, and solid geometry, the emphasis will be to develop a logical pattern of reasoning in solving daily problems. The course begins with a brief overview of plane geometry (study of objects in two dimensions), then looks at a systematic approach to proving a given hypothesis, and progresses to a thorough study of polygons and using formulas to find the areas of regular and irregular polygons. The course then shifts to solid geometry (study of objects in three dimensions) and ends with an overview of coordinate geometry using the coordinate plane for linear equations, the slope of lines, standard, and y-intercept forms of linear equations. There are also special topics such as the Pythagorean Theorem and probability. The

fast paced lessons allow time to explore applications of mathematical topics discussed during class. The student will have daily assignments to do from the textbook as well as supplementary worksheets provided by the instructor. The student will be actively involved in working out problems aloud, in small groups, responding orally to questions posed by the teacher. Quizzes and tests are given in each unit of study. Students will be supplied with textbooks and supplementary worksheets. Students will need to supply a spiral notebook, scientific calculator, pencils, straightedge, protractor, and compass.

MATH STRATEGIES (ALGEBRA I & GEOMETRY)

GRADE: 9-10
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Currently enrolled in Algebra I / Algebra I Plus, or Geometry / Geometry Plus.
DESCRIPTION: This class is intended for any student currently enrolled in Algebra I, Algebra I Plus, Geometry, or Geometry Plus that may need further instruction to grasp some of the more challenging concepts taught in their respective class. The student can expect to have time to ask questions on previous or current work and have time to begin homework. This class will count as an elective credit.

ALGEBRA II

GRADE: 11-12
SEMESTER: FULL YEAR
PREREQUISITE: Successful completion of ALGEBRA & GEOMETRY
DESCRIPTION: In this course the elementary topics of algebra will be expanded upon. Topics include real numbers, complex numbers, functions & relations, simplifying radical expressions, systems of linear sentences, quadratic sentences, conics, exponents & logarithms, sequences & series & basic probability and use how to use a graphing calculator. The student will take notes, do class work and complete daily assignments. Board work is used & contributions by the student are necessary for the best performance. The student will use textbook & supplementary materials. The student must provide loose leaf paper, three ring binder, scientific calculator, pencils, pens, graph paper, compass, & a straightedge.

ALGEBRA II PLUS

GRADE: 11-12
SEMESTER: FULL YEAR
PREREQUISITE: Successful completion of ALGEBRA & GEOMETRY.
DESCRIPTION: This is a fast paced course that is intended for students planning on going to college. The pace will allow for the extension of lessons beyond the textbook. In this course the elementary topics of algebra will be expanded upon. Topics include real numbers, complex numbers, functions & relations, simplifying radical expressions, systems of linear sentences, quadratic sentences, conics, exponents & logarithms, sequences & series & basic probability and how to use a graphing calculator. The student will take notes, do class work and complete daily assignments. Board work is used & contributions by the student are necessary for the best performance. The student will use textbook & supplementary materials. The student must provide loose leaf paper, three ring binder, scientific calculator, pencils, pens, graph paper, compass, & a straightedge.

PRE-CALCULUS/TRIGONOMETRY

GRADE: 12
SEMESTER: ALL YEAR
PREREQUISITE: Successful completion of Algebra, Geometry, & Advanced Algebra
DESCRIPTION: In this course we will use the definition of the trigonometric function in unit circles as well as triangles to solve & evaluate complex two-dimensional problems. We will work with standard formulas & identities, evaluate functions for numerical & literal arguments, work with exponential & logarithmic functions & with complex numbers, solve systems containing the two quadratic equations in two variables & distinguish equations of conics. This course is designed for the serious math student going on to college to major in business, mathematics, science, computers, etc. The student will be doing assigned math problems daily from the textbook & worksheets & will participate in doing homework problems on the board. The student's involvement in daily discussions is also appreciated & encouraged. Learning will be gauged with quizzes & tests throughout the course. A mathematically proportional hot-air balloon project is required. The school will supply textbooks & supplementary worksheets. Students will supply spiral notebooks, pencils, protractor, compass, graphing paper, & loose-leaf notepaper. Grade will be determined by: 90% quizzes, subchapter tests, chapter tests & unit test, & 10% for satisfactory completion of all homework assignments, classroom project, & cooperative involvement in the classroom.

MATH STRATEGIES (ALGEBRA II & PRE-CALC/TRIG)

GRADE: 11-12
SEMESTER: 1st and/or 2nd Semester
PREREQUISITE: Currently enrolled in Algebra II / Algebra II Plus, or Pre-Calc/Trig
DESCRIPTION: This class is intended for any student currently enrolled in Algebra II, Algebra II Plus, or Pre-Calculus/Trigonometry that may need further instruction to grasp some of the more challenging concepts taught in their respective class. The student can expect to have time to ask questions on previous or current work and have time to begin homework. This class will count as an elective credit.

ADVANCED MATH TOPICS

GRADE: 12
SEMESTER: FULL YEAR
PREREQUISITE: Pre-Calculus/Trigonometry, Instructor Approval

DESCRIPTION: This course is designed for the serious math student going on to college to major in business, mathematics, science, computers, etc. Topics covered will include a more in depth look at trigonometry, probability, statistics, and calculus. The student will be doing assigned math problems daily from the textbook and worksheets, and will participate in doing homework problems on the board. The student's involvement in daily discussions is also appreciated and encouraged. Learning will be gauged with quizzes and tests throughout the course. The school will supply textbooks and supplementary worksheets. Students will supply spiral notebooks, pencils, protractor, compass, graphing paper, loose-leaf notepaper, and graphing calculator. Grade will be determined by: 90% quizzes, subchapter tests, chapter tests & unit test, and 10% for satisfactory completion of all homework assignments, classroom project, & cooperative involvement in the classroom.

Music

Band ♦ Choir

BAND

GRADE: 9-12
SEMESTER: FULL YEAR
PREREQUISITE: Participation in middle school band or audition for the high school band director

DESCRIPTION: Band is a performance-oriented class using concert band, marching band, & small ensembles as the main focus. Individualized student lessons are required & usually are scheduled during the student's study hall time. In the lesson time, the theory, terminology, history, & forms of music are explored. Students are graded on a point system. Points are earned by lesson attendance; band attendance; participation in large group contests, concerts & parades; & by playing required songs & book pages. Students also may choose to participate in solo-ensemble contests, pep band, honors bands, jazz ensemble and special events. If you do not own your own instrument, a school owned instrument rental is \$75.00 per year.

**Both Band and Choir are offered the same hour. Students can opt to take both classes, with instructor approval, and will receive full credit for both, as there will be additional work and practices outside of class required.*

CHOIR

GRADE: 9-12
SEMESTER: FULL YEAR
PREREQUISITE: 1) If prior experience in choir or band: None, 2) If no experience in choir or band: director/teacher signature

DESCRIPTION: The basic fundamentals of singing are taught in this class. The focus of this group is on its performances. The students will be presented with music from each of the periods of music history (Renaissance, Baroque, Classical, Romantic, and 20th Century). Popular & folk music are also covered. The students are required to perform at each of the three main concerts -- Winter, Spring, & Contest Festival. The students also may choose to participate in solo-ensemble contests. The students are evaluated by concert attendance, lesson attendance, attitude, participation, & ability to sing their parts.

**Both Band and Choir are offered the same hour. Students can opt to take both classes, with instructor approval, and will receive full credit for both, as there will be additional work and practices outside of class required.*

Science

General Science ♦ Biology ♦ Animal Science II ♦ Horticulture ♦ Chemistry I ♦ Chemistry II
Human Anatomy & Physiology ♦ AP Biology ♦ AP Physics
EE Counselor Practicum I & II ♦ EE Counselor Summer Training

GENERAL SCIENCE

REQUIRED FOR GRADUATION

GRADE: 9
SEMESTER: FULL YEAR
PREREQUISITE: NONE

DESCRIPTION: General Science emphasizes the physical sciences & a laboratory environment. Basic lab procedures, the characteristic properties, the separation of substances & elements & compounds are studied. As a culminating exercise, a unit in rocketry is completed. Newton's laws of motion are applied to the principles of velocity, acceleration, & friction. Students will be graded on tests, quizzes, lab work, research papers, & daily assignments. Students must have a calculator.

BIOLOGY

REQUIRED FOR GRADUATION

GRADE: 10
SEMESTER: FULL YEAR
PREREQUISITE: Completion of or currently taking General Science
DESCRIPTION: Biology is a required science course, primarily for sophomores. Students develop an appreciation for the nature of the living world around them & its continual influence in everyday living. Topics include bioethics, cellular biology, microbiology, fundamentals of biochemistry, classifications of living organisms, & a systems approach to human anatomy & physiology. Emphasis is placed on laboratory experiences & on an ecological awareness of nature's biological systems. Students will be graded on tests, lab work, projects, & daily assignments.

ANIMAL SCIENCE II (CTE/Agriculture Equivalent) **REQUIRED FOR GRADUATION (if not taking Chemistry)**

GRADE: 9-12
SEMESTER: 2nd Semester
PREREQUISITE: ANIMAL SCIENCE I or BIOLOGY
DESCRIPTION: Companion animals, vet techniques including suturing, incisions and care of animals, ethical treatment, vet terminology, body systems of animals and working with live animals are a part of the curriculum for this class. You need to have a basic understanding of animals and terms used in animal science and/or biology. You will participate in a simulated lab making incisions, identifying all components to all body systems and sutures on cats. This is an advanced study of companion and farm animals. In this class you will also have the opportunity to hatch chicks and work closely with the third grade students during this unit. It is a great class to take if you are planning on going into any field dealing with animals. *THIS COURSE COUNTS AS SCIENCE AND CTE CREDIT.

HORTICULTURE (CTE/Agriculture Equivalent)

REQUIRED FOR GRADUATION (if not taking Chemistry)

GRADE: 9-12
SEMESTER: 1st Semester
PREREQUISITE: NONE
DESCRIPTION: One of the fastest growing career areas in agriculture is the horticulture industry. The class consists of plant breeding techniques, plant propagation, growing plants by hydroponics, plant biotechnology and genetics, soil, careers in the horticulture industry, plant cells, photosynthesis and cellular respiration, climate change and much more. Students will put forth all the knowledge gained from the semester and research, develop and execute an agriscience fair experiment. Participating in FFA activities and using skills learned in class provide the opportunity to get out of the class and work in "real-world" settings. This class will also count for ½ credit of science in addition of general science and biology. *THIS CLASS COUNTS AS A SCIENCE AND CTE CREDIT.

CHEMISTRY I

GRADE: 11-12
SEMESTER: FULL YEAR
PREREQUISITE: Recommended only for students with good math & science backgrounds
DESCRIPTION: The purpose of this course is to give a general overview of chemistry. The course will involve the study of matter and changes, chemical composition, atomic structure, gases, solids, liquids, and nuclear chemistry.

1. measurement in chemistry	6. chemical bonds	11. molecular compositions of gases
2. matter & its change	7. chemical composition	12. practical application of chemistry
3. atomic structure	8. equations & mass relationships	13. acids & bases
4. arrangement of electrons	9. oxygen & hydrogen	14. organic chemistry (introduction)
5. periodic law	10. the gas laws	

Students will be involved in laboratory activities, lectures, problem-solving, & demonstrations. Textbooks, chemicals, & lab equipment are furnished. Students will supply a spiral notebook, binder, & a calculator that will compute scientific notation. Students are graded on lab reports, lab participation, quizzes, homework, & major exams.

CHEMISTRY II

GRADE: 12 or Instructor Approval
SEMESTER: FULL YEAR
PREREQUISITE: Successful completion of CHEMISTRY
DESCRIPTION: Advanced Chemistry is an extension of Chemistry. In this course, laboratory skills & procedures will be stressed through advanced placement laboratories. Along with the labs, this course will begin with a review of Chemistry material. The first quarter will be used to review chapters 1-13, 22. A review exam will be taken. The last three quarters will be used to cover Chapters 14-21. Topics include gases & gas laws, solutions, net ionic equations, chemical equilibrium, chemical rates, and kinetics.

HUMAN ANATOMY & PHYSIOLOGY

GRADE: 12 or Instructor Approval

SEMESTER: FULL YEAR

PREREQUISITE: GENERAL SCIENCE, BIOLOGY & CHEMISTRY

DESCRIPTION: Human Anatomy & Physiology is an advanced science course intended for those students pursuing careers in medical-related fields. HA&P emphasizes the major organ systems, focusing on anatomical organization, histology, & biochemistry.

Themes include:

- | | | |
|--|--|-------------------------|
| 1) The Body as a Whole | 4) Transportation | 7) Defense & Adaptation |
| 2) Support & Movement | 5) Respiration, Nutrition, & Excretion | |
| 3) Communication, Control, & Integration | 6) Reproduction | |

AP BIOLOGY

GRADE: 12 (or with instructor approval)

SEMESTER: FULL YEAR

PREREQUISITE: BIOLOGY & CHEMISTRY

DESCRIPTION: AP Biology is the equivalent of a two-semester college introductory biology course normally taken by science majors during their first year of college. Students who earn a qualifying score on the AP exam can receive up to 8 college level credits, depending on the college they attend. AP Biology is designed to be taken by students after successful completion (A or B) of high school biology and chemistry. It aims to provide students with the conceptual framework, factual knowledge, and analytical skills necessary to deal critically with the rapidly changing science of biology. Primary emphasis will be on developing an understanding of biological concepts such as science as a process, personal experience in scientific inquiry, and recognition of unifying themes that integrate the major topics of biology. Students who are genuinely interested in pursuing a career in scientific and medical fields are especially advised to take AP Biology in high school. Enrolling in AP Biology means that you have undertaken a personal responsibility to work hard and manage your time to keep up with a rigorous curriculum. AP Biology provides students a significant advantage in college by allowing them to acquire the foundation in concepts and skills prerequisite to many college biological science courses. The ability to succeed in AP Biology offers students the confidence and knowledge base to be successful in future science classes, regardless of the score they receive on the AP Biology Exam.

AP PHYSICS

GRADE: 12 (or with instructor approval)

SEMESTER: FULL YEAR

PREREQUISITE: BIOLOGY & ALGEBRA II

DESCRIPTION: Advanced Placement Physics is designed to be an equivalent course to a first year post-secondary physics course. This course is intended for students who have advanced skills in math and science and plan to pursue a post-secondary education in the fields of Science, Pre-Medical, Engineering or Mathematics. AP Physics 1 is a college level physics course that utilizes algebra and trigonometry, but does not incorporate calculus. Major topics discussed: kinematics, forces, gravitation, impulse-momentum, energy, rotational motion, electricity, and mechanical waves. AP Physics 1 is designed to be taken by students after the successful completion (A or B) of high school Biology and Algebra II

It is recommended that AP Physics students concurrently take pre-calculus. All enrollments to this course will have to be approved by the science department.

ENVIRONMENTAL EDUCATION COUNSELOR PRACTICUM I

GRADE: 11-12 & Instructor Selected

SEMESTER: FULL YEAR

PREREQUISITE: EE Summer Training Course

DESCRIPTION: Students will be scheduled one hour each day & will be preparing environmental education (EE) activities & lessons, meeting with teachers, working on educational projects in the school forest, scheduling & preparing for field trips, & attending field trips to serve as EE counselors.

ENVIRONMENTAL EDUCATION COUNSELOR PRACTICUM II

GRADE: 12

SEMESTER: FULL YEAR

PREREQUISITE: Environmental Education Counselor Summer Training Course, EE Practicum I

DESCRIPTION: Students must be recertified in first aid & CPR during the previous summer or hold current certification. Students are scheduled 1 hour each day, prepare EE activities & lessons, meet with teachers, work on educational projects in the school forest, schedule & prepare for field trips, attend field trips to serve as counselors.

ENVIRONMENTAL EDUCATION COUNSELOR SUMMER TRAINING

GRADE: 11-12 Instructor's Written Approval
SEMESTER: SUMMER (previous to EE Counselor Practicum I)
PREREQUISITE: General Science, Biology, written application, Students must provide their own transportation to & from the school or school forest.

DESCRIPTION: The EE training course is a 1 credit elective science course offered for six weeks in June/July for incoming juniors & seniors. The training provides students with the necessary knowledge & skills to serve as "environmental education counselors" for groups of elementary & junior/high school students. An EE counselor will work on environmental education activities & field trips occurring in the classroom or on school forest trips during their junior and/or senior year. The course is lab & skill oriented, with a majority of time spent using the school forest as a laboratory. Topics of study include ecological foundations, forestry resources, wildlife/plant resources, soil resources, water resources, environmental interpretation, outdoor skills development, first aid & CPR training & training in several state & national environmental education curriculum guides. Students will participate in several practice teaching experiences.

Social Studies

Civics I: State & Local Government (Honors Option) ♦ Civics II: Federal Government (Honors Option)
♦ U.S. History ♦ Controversies in U.S. History ♦ Modern History ♦ World History I & II ♦ Practical Law
♦ Geography ♦ Psychology ♦ Social Problems ♦ AP Psychology ♦ AP U.S. History ♦ AP U.S. Gov't & Politics

CIVICS I: STATE & LOCAL GOVERNMENT

REQUIRED FOR GRADUATION

GRADE: 9
SEMESTER: 1st and 2nd Semesters (1/2 Credit)
PREREQUISITE: NONE
DESCRIPTION: This introductory course to government prepares the student to be an active and understanding citizen within our society at the state and local level. Major emphasis is given to the current, historic, and comparative roles of Wisconsin government; understanding the voting process and political system at all levels of government; the introduction of public opinion; and basic law concepts; This course also helps students understand the relevance of citizenship in the family; school, community and the importance of citizenship for the future. In addition to individual and group discussions, grades will be determined by class assignments, written composition, quizzes and tests, a research assignment, weekly "in the news" interpretations, and most importantly, active participation through realistic simulations.

CIVICS I – HONORS: STATE & LOCAL GOVERNMENT

CAN TAKE IN PLACE OF REGULAR CIVICS I

GRADE: 9
SEMESTER: 1st Semester
PREREQUISITE: TEACHER APPROVAL: An A or B in 8th grade Social Studies both semesters; with recommendations from 8th grade teachers and counselor (Max. up to 10 students)
DESCRIPTION: This option to the required Civics course is offered to allow students who have shown interest and achievement in past social studies courses. This course gives the student an extensive study of similar and expanded areas of government in Civics I & II but in greater depth and in a more challenging and analytical manner. The first part of this course allows students an extensive and expanded study of topics that are covered in Civics I. Some of the expanded topics include; mass media, political campaign and advocacy; local and state politicians; governmental policy and meetings; public opinion; taxation; lobbyists and interest groups, and the "working world". Beside the basic requirements for Civics I, emphasis will again be placed on critical thinking assignments, as well as presentations, discussions, debate, role-simulations, political compositions and extensive participation and "hands-on" involvement.

CIVICS II: FEDERAL GOVERNMENT

REQUIRED FOR GRADUATION

GRADE: 10
SEMESTER: 2nd Semester (1/2 Credit)
PREREQUISITE: NONE
DESCRIPTION: This governmental course prepares the student to become an involved understanding citizen within our society at the national level. Major emphasis is given to the history and role of the federal government and the rights, responsibilities, privileges, and duties we have as American Citizens. This course will also present an overview of the Three Baranches of American Government as well as the American Constitution, the Bill of Rights, and the basic economic ideals of our country. Students will have to pass a mandatory basic comprehension and knowledge test of Civics and Government toward the end of this course. This test is also a portion of the requirements needed for graduation.

CIVICS II – HONORS: FEDERAL GOVERNMENT CAN TAKE IN PLACE OF REGULAR CIVICS II

GRADE: 10

SEMESTER: 2nd Semester

PREREQUISITE: TEACHER APPROVAL

DESCRIPTION: Beside the basic requirements for Civics II, the second part of this course expands topics at the national level that include; comparative government; foreign policy; voting behavior; trends and political behavior; economic thought; conflicting rights; basic criminal law and landmark U.S. Supreme Court cases. Current events will be used extensively to help the students understand the practical application of our government in action. Expanded group culminating activities will be used after each unit for student comprehension. Beside the basic requirements in Civics I and II; again emphasis will be placed on critical thinking assignments, as well as presentations, discussions, debate, role-simulations, political composition, hands-on activities, basis thesis writing, and vast participation through realistic simulations.

CONTROVERSIES IN US HISTORY

GRADE: 10-12

SEMESTER: 1st Semester (1/2 Credit)

PREREQUISITE: Successful completion of Civics I & II (Max. Up to 15 Students) This is a good class for students who which to pursue any Advanced Placement Course or particularly Advanced Placement in American History (APUSH)

DESCRIPTION: Like to investigate? Like to solve a mystery? Like to find the truth? This course will investigate many of the unanswered questions, myths, controversies and secrets of Americana and American History. This course is a study of various controversies within American History from the colonial times to the present that probably are not in your American History book. The course includes major, minor and present day historical controversies. Students will have the opportunity to come up with their own conclusions to some of the unsolvable "mysteries and controversies" of American History. In addition, students will be able to see how those controversies and your conclusions compare to others who have studied the same controversial issues. Some skills include; how and why people interpret and write about historical events; how to investigate using primary and secondary sources; ways to tell truth from fiction in American History; how to create a thesis and convince people about your arguable conclusion. Some topics include: Controversial events; people, places, organizations, documents and traditions of American History. "What is controversial and what isn't?" "What should and shouldn't be included in a history book?" The course also has a culminating controversial project.

UNITED STATES HISTORY REQUIRED FOR GRADUATION

GRADE: 11

SEMESTER: FULL YEAR

PREREQUISITE: NONE

DESCRIPTION: 1st Semester: This course will give the student a basic understanding of how the country developed and the relationship between past and present can build a better future for our young people. Main topics that will be covered include: American Historiography, Native Americans role in History, colonial life, The American Revolution and Constitutional History, Early American Nation, Manifest Destiny and Expansion, the road to the Civil War and Reconstruction. Test and quizzes will be given on a regular basis. When audio-visual materials are used, the students will be tested on the content. Grades will be determined by quizzes, discussions and comprehension of audio-visual materials, tests and class presentations essays and papers. 2nd Semester: this course is an extensive continuation of United States History. It begins after Reconstruction and concludes with a look at present day American History. The course will focus on the major political, social, and economic events that have taken place since the Civil War. Topics of study will include: The Frontier, Industrialization, Imperialism, World War I and the Emergence of Modern America, the Great Depression and World War II, Postwar United States, Civil Rights, Vietnam and American Contemporary History. Students will complete in-depth history research projects. Tests and quizzes will be given on a regular basis. when audio-visual materials are used, the student will be tested on the content. Grades will be determined by quizzes, discussion participation, comprehension of audio-visual materials, tests, projects and class presentations.

CONTEMPORARY WORLD ISSUES (WWII-PRESENT) (formerly Modern History)

GRADE: 11-12 (10 with teacher recommendation)

SEMESTER: 2nd Semester

PREREQUISITE: NONE

DESCRIPTION: This course is designed to look at the events of modern history as this time period is often overlooked in history classes. The course will look at the events that affected the United States and the world starting with WWII (1939) and continuing into current times. The class will spend a significant amount of time on WWII and will then proceed to look at events of the Cold War, Vietnam War, and the Post Cold War era. This class will also study the recent Gulf Wars as well as 9/11 and global terrorism. Students will see how recent events have shaped the world into what it is today. This course will also study and simulate the lifestyle of Modern American cultural history after World War II. Information will be presented through lectures, selected readings - including novels, audio-visual materials, group discussions and the use of the Internet for research and assignments.

ANCIENT & POSTCLASSICAL ERAS (formerly World History 1)

GRADE: 9-12

SEMESTER: 1st Semester (1/2 Credit)

PREREQUISITE: NONE

DESCRIPTION: This course is an introductory study of selected areas of early world history. The course is designed to develop an interest and understanding of the history, culture, development and growth of early civilizations and area studies around the world. Major areas of study include: Pre-History, Early Civilizations (Egypt, India, Mesopotamia/Babylon, China) Greece, Rome and Medieval Europe. This course will also focus on the major World Religions and the impact such religions have in the modern world. Students will be involved in class discussions, study guides, games and educational DVD's. Grades will be determined by study guides, quizzes, tests, classroom activities, class participation and supplemental reading materials. (1/2 Credit).

MODERN ERA (1500-PRESENT) (formerly World History 2)

GRADE: 9-12

SEMESTER: 2nd Semester (1/2 Credit)

PREREQUISITE: ANCIENT & POSTCLASSICAL ERAS IS RECOMMENDED BUT NOT REQUIRED

DESCRIPTION: This course is an in-depth continuing study of World History 1 from the Renaissance through the current period. The course is intended to develop a higher interest and understanding of the history, culture, geography, politics, economics and religious aspects of people of the past and those living in the modern world. Area of focus included; The Renaissance and Reformation; Exploration; Monarchs of World History; The Enlightenment; The French Revolution and Napoleon; Imperialism and Quest for Territories; The Russian Revolution; and The Modern World (Russia, Dictators, Germany, Korea, China and other developing countries). Activities include: class discussions, study guides, maps, games, educational DVD's. Grades will be determined by study guides, quizzes, tests, classroom activities, class participation, research project and supplemental readings. (1/2 Credit)

PRACTICAL LAW

GRADE: 11-12 (10 with teacher recommendation)

SEMESTER: 1st Semester

PREREQUISITE: NONE

DESCRIPTION: Practical law is a semester class. The course is hands on class intended to improve understanding of the legal system and laws. Mock trials will be a key aspect of the class and students will role play lawyers, witnesses, jury and other trial roles. In the course of preparing and conducting mock trials, students study the facts and evidence of the case, prepare opening statements, present evidence, examine and cross-examine witnesses, conduct redirect examination, and present closing arguments. Topics covered will include an introduction to the legal system, an introduction to criminal law, and types of crime. The course will also examine the criminal justice process including trials, investigations, sentencing and corrections.(1/2 Credit)

GEOGRAPHY & WORLD CULTURES

GRADE: 9-12

SEMESTER: 2nd Semester (1/2 credit)

PREREQUISITE: NONE

DESCRIPTION: This course is designed to give students a basic understanding of physical, human (cultural) and environmental geography. Attention will be focused on the earth including its continents, water bodies, countries, and people. Major emphasis will be placed on the five themes of geography; climate and weather map skills and the use of information tools used by geographers today. Virtual trips will be taken to many regions of the world to help understand the heritage and culture of the large diverse population in the world. (1/2 Credit)

PSYCHOLOGY

GRADE: 11-12

SEMESTER: 2nd Semester

PREREQUISITE: NONE

DESCRIPTION: This is a semester class designed to give students an introduction to Psychology. This course is designed to introduce the student to the field of psychology as a social science. Psychology is the study of the mind and behavior. Topics covered include historical development of psychology, research methods, theories of personality, human development, learning, and states of consciousness including dreams, perception, senses, thinking and intelligence, memory, motivation and health, stress and coping. Students will also learn about research and the experimental method in the field of psychology by examining case studies and surveys.(1/2 Credit)

SOCIAL PROBLEMS REQUIRED FOR GRADUATION

GRADE: 12 (11 WITH TEACHER RECOMMENDATION)

SEMESTER: 1st or 2nd Semester

PREREQUISITE: NONE

DESCRIPTION: This class will examine major contemporary social problems in current United States and world society. Topics will include culture, race, social class and other contemporary problems. Students will also have to complete a major research project and presentation on a controversial social problems topic. Heavy emphasis will be on discussion and participation. When audio-visual

materials are used, the students will be tested on the content. Grades will be determined by quizzes, discussion, comprehension of audio-visual materials, tests and the major research project. (1/2 Credit)

ADVANCED PLACEMENT (AP) PSYCHOLOGY

GRADE: 11-12
SEMESTER: FULL YEAR
PREREQUISITE: 11th grade and willing to accept the rigorous curriculum of an A.P. class.
DESCRIPTION: The AP Psychology course is designed to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles, and phenomena associated with each of the major subfields within psychology. They also learn about the ethics and methods psychologists use in their science and practice. A.P. Psychology is designed to mirror an entry level college class. The requirements of A.P. Psychology are well beyond that of Psychology, specifically in the areas of reading and writing, and are designed to prepare the student for the A.P. test in Psychology. Major topic areas include: research methods, biological bases for behavior, sensation and perception, states of consciousness, learning, cognition, motivation and emotion, developmental psychology, personality, testing and individual differences, abnormal behavior and treatment of abnormal behavior, and social psychology (1 Credit)

ADVANCED PLACEMENT (AP) UNITED STATES HISTORY

GRADE: 11-12
SEMESTER: FULL YEAR
PREREQUISITE: **CIVICS HONORS; CONTROVERSIES IN AMERICAN HISTORY RECOMMENDED BUT NOT REQUIRED**
DESCRIPTION: This course examines similar topics as United States History A and B. The significant difference is that it is a more rigorous course with the benefits of earning college credit in the opportunity to pass the AP exam in U.S. History in the spring. This class will appeal to those who seek a challenge of their creative thinking, investigative, reading, and writing skills and to better prepare them for college level work. This course analyzes people and events and examines the reasons why they occurred. Students must commit to the year to earn their credit. This class will take the place of both U.S. History A and B and as a result is a yearlong commitment. Outside class readings are required in this course. (1 Credit)

ADVANCED PLACEMENT (AP) U.S. GOVERNMENT & POLITICS

GRADE: (*10, 11, 12)
SEMESTER: FULL YEAR (Semester option w/ Instructor Approval)
PREREQUISITE: *BY INSTRUCTOR'S RECOMMENDATION (10th) & COMPLETION OF HONORS CIVICS I & II
DESCRIPTION: Advanced Placement United States Government and Politics is a course that allows students to better understand how the American Government functions. Students will develop the ability to think critically about 1) the constitutional structure and institutions of our government, 2) the political beliefs and behaviors of our citizens, 3) the role of political parties, interest groups and the media in the political process, 4) how specific national policies are made, and 5) current issues in American politics. This course prepares students for the National Advanced Placement U.S. Government and Politics exam in May, and with satisfactory results, students may earn college credit.

Technology Education

Technology I & II ♦ CAD Introduction ♦ CAD Engineering & Architecture ♦ Graphic Communications
Metals ♦ Multimedia Communications ♦ Power & Energy I & II ♦ Woods I & II

TECHNOLOGY I

GRADE: 11-12
SEMESTER: 1st Semester
PREREQUISITE: CAD INTRODUCTION
DESCRIPTION: As technology steadily increases in today's society, we must also keep pace. This class is designed to introduce students to the different disciplines used in technological occupations. Topics covered are - laser applications, computer numerical control machining, robotics, electricity, electronics & mechanical systems. Students will be circulated through a series of lab stations, exploring the use of these technologies.

TECHNOLOGY II

GRADE: 11-12
SEMESTER: 2nd Semester
PREREQUISITE: TECHNOLOGY I
DESCRIPTION: Advanced Technology will take the processes used in Intro to Technology to the next level. Laser applications will supply lasers to networking & communications. Computer numerical controllers will machine parts developed by the students; writing programs to operate a robotic device; electronics to generate movement; test devices & construct circuits. Students must be willing to be self-reliant & work in a lab self-paced program.

CAD INTRODUCTION

GRADE: 10-12

SEMESTER: 1st Semester

PREREQUISITE: Successful Completion of Computers 1

DESCRIPTION: Intro to CAD is designed to give the student the basic drafting skills needed to work on the computer design software. Topics covered are - lettering, equipment use, measuring & scaling, technical drawing, scaled drawing, multi-view drawing, dimensioning, working drawings, pictorial drawing, architectural drawing & Intro to CAD system. Students will complete exercises designed to give them a basic understanding of the CAD system.

CAD ENGINEERING & ARCHITECTURE

GRADE: 10-12

SEMESTER: 2nd Semester

PREREQUISITE: CAD INTRODUCTION

DESCRIPTION: Using the computerized drafting design system, they will explore the mechanical & engineering drafting occupation. Many technical majors find the need to understand CAD, including the science field, researchers, construction, mechanics, assembly line workers & industrial managers. The students are graded through a series of self-paced packets. This hands on, step by step program, gives students an understanding of concepts used in computer architectural drafting. Students develop comprehensive floor plans, while going through a guided self-paced architectural drawing program. The class will conclude with students drawing a set of architectural plans under self-design. They will obtain the knowledge needed to run a CAD system.

GRAPHIC COMMUNICATIONS

GRADE: 9-12

SEMESTER: 2nd Semester

PREREQUISITE: NONE

DESCRIPTION: Communication through the use of graphic form will be explored. Topics covered are - photography principles, camera techniques, print processing, message analysis & advertising, image generation & graphic design. Students will work through required activities in a student-paced learning format.

METALS

GRADE: 9-12

SEMESTER: 1st and 2nd Semester

PREREQUISITE: NONE

DESCRIPTION: Metals will study the principles & practices used in the field of metal technology. Topic areas to be covered are - safety, project layout, tools & equipment, abrasives, metal classifications, oils & cutting fluids, threads, dies & taps, hot metal work, molds & casting, welding & sheet metal. The students will complete projects in the topic areas, to better understand the metals field.

MULTIMEDIA COMMUNICATIONS

GRADE: 9-12

SEMESTER: 1st Semester

PREREQUISITE: NONE

DESCRIPTION: Multimedia Communications explores the use of verbal & visual means of supplying a message. Subject areas include radio broadcasting, TV programming, editing & written media production. Students will complete a number of programmed exercises, along with a final program in the above areas.

POWER & ENERGY I

GRADE: 9-12

SEMESTER: 1st Semester

PREREQUISITE: NONE

DESCRIPTION: This class will examine the principles of power, power transmission & small engine repair. Subject areas to be covered are - principles of energy, safety, construction of an engine, small engine cooling, small engine ignition, small engine fuel systems, small engine lubrication engine care & reconditioning. The class will culminate with the disassembly & assembly of a small engine.

POWER & ENERGY II

GRADE: 9-12

SEMESTER: 2nd Semester

PREREQUISITE: POWER & ENERGY I

DESCRIPTION: Power & Energy 2 will deal with large gas & diesel engines, along with the systems used on today's vehicles. Automotive systems covered: lubrication, engine service, & ignition, electrical, fuel systems, emissions, exhaust, cooling, suspension, drive line & brake systems. The students will disassemble & assemble a large engine. Also a car care unit will be completed.

WOODS I

GRADE: 9-12

SEMESTER: 1st Semester

PREREQUISITE: NONE

DESCRIPTION: Woods 1 will explore the woodworking industry. Topics covered include - standard wood materials, wood technology, layout, tools & procedures, assembling & fastening, project finishing, project selection & safety procedures. The students will plan & construct a small wood project.

WOODS II

GRADE: 9-12

SEMESTER: 2nd Semester

PREREQUISITE: WOODS I

DESCRIPTION: Woods 2 will expand on the knowledge gained from Woods 1. Subject areas will include cabinet assembly & fastening, cabinet & furniture construction & project finishing. Students will use the process & information presented to construct a major woodworking project.