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GRADUATION REQUIREMENTS

English	**8 Credits**
English I	2 credits
English II	2 credits
American Literature	2 credits
Applied Communications or College Composition I	1 credit
English Elective	1 credit
Mathematics	**6 Credits**
Science	**6 Credits**
Integrated Science	2 credits
Biology	2 credits
Chemistry A	1 credit
Physics A	1 credit
Social Studies	**6 Credits**
American History	2 credits
World History	2 credits
American Government	1 credit
Social Studies Electives	1 credit
Independent Living	**2 Credits**
Physical Education	**4 Credits**

½ Credit required each semester.

Electives	**16 credits**
Total	48 credits

A minimum of six credits is required each semester. Any course that is not counted above is an elective.

The following pages contain information regarding specific courses, including prerequisites.

All classes, including vocational classes in Agriculture Education, Business Education, Family & Consumer Science, and Industrial Arts, are open to all students regardless of sex, race, national origin or disability.

One time during their school career, students are allowed to have one (1) credit of pass/fail. They must indicate, prior to the start of that class, their intention to take this class as a pass/fail class. The class could be changed from a pass/fail class to a graded class before the mid-term of the first quarter of the first semester or the third quarter of the second semester. The “P” or pass grade requires a percentage of 79 or higher in that class; an “F” is assigned for any percentage of 78 or lower. The pass/fail privilege may be used for elective classes only.

Students are allowed 3 days to add, drop, or change classes at the beginning of each semester. Students carrying a class load of 7 or 8 classes will be allowed to drop classes up to 3 weeks from the beginning of the semester. The principal will have the final decision on dropping or adding classes in individual cases.

AGRICULTURAL EDUCATION

The agriculture program uses hands-on activities, field trips, lab work, projects and speakers to provide a well-rounded agricultural education to the students. A student must be enrolled in one semester to be a member of FFA.

The FFA is an integral part of the total curriculum as it develops citizenship and student responsibility. Those students enrolled in Agricultural Education will be encouraged to enroll in FFA. Agricultural activities are sponsored by the local, state, or national FFA associations.

Each student enrolled in FFA/agricultural education will conduct a Supervised Agricultural Experience program in either production agriculture or by placement in an agricultural setting. This is an essential part of the agricultural education program and emphasizes the "Learning by Doing".

Intro. to Iowa Agriculture (9-10) 1 CR Fall
The semester begins with the students learning parliamentary procedure for the Conduct of Meetings contest. This semester course offering is usually the first class students enroll in the Agriculture Education program. Students will learn about FFA organizations and its goals, understand the importance of supervised agricultural experience projects, record keeping importance, and budgeting. They will learn skills in careers of agriculture in the state of Iowa and economics of agriculture.

Principles of Agronomy (10-12) 1 CR Spring
This is a dual credit class through Iowa Lakes Community College (course AGA-114 worth 3 cr.)
Introduction to the study of plants, soils and climate interrelations in the production of food and fiber.

Soils (10-12) 1 CR Fall
Students will spend the 1st quarter learning about soils, how they should be managed, and what makes them. The 2nd quarter the students will learn about fertilization of soil, the management of soil, and the basic fertility.

Survey of the Animal Industry (9-12) 1 CR Spring
Learn principles in swine, beef, and sheep production. Topics include digestion, nutrition and anatomy of animals with concern to the above species.

Advanced Animal Science (10-12) 1 CR
Course will provide students with instruction in digestive systems, absorption of food, feed nutrients, feed additives, hormone implants, balancing rations, genetics of animal breeding, animal reproduction, biotechnology in livestock production, animal breeding systems, livestock judging and selection, and meat science.

Ag Business (10-12) 1 CR Spring or Fall
Students will develop skills in salesmanship and job interview, write a resume and letter of application, explore careers in agriculture, and learn management decisions in agribusiness. Students will also research agricultural businesses, learn about business organizations, laws and government regulations.

Ag Communications (10-12) 1 CR Fall/Spring
Students will be exposed to current events in agriculture, planning an Ag presentation, writing business letters, write an agriculture-related research paper and prepare a 6-8 minute speech from their topic.

Farm Business Management (10-12) 1 CR Fall/Spring
Students will learn concepts in record keeping, financial analysis, budget analysis, cash flow analysis, marketing, investment analysis, and taxes.

Wildlife & Natural Resources (10-12) 1CR Fall
Develop an understanding and appreciation of our fish, wildlife and other natural resources. Instructional areas will include: Wildlife and fish indication, mammals, indigenous species, upland game birds, avian predators, reptiles, amphibians and freshwater fish. Careers and habitat will be introduced.

Two of the courses below will be offered each year based on student interest:

Horticulture (10-12) 1 CR Fall
This semester course will examine fundamental horticulture principles, from careers in the field to the cultivation of specific crops. Special care has been taken to treat highly technical subjects as plant propagation and taxonomy. Other topics in this course will include management of greenhouse crops, container grown plants, lawns and turf grass, fruit and vegetable gardens and floriculture

Landscaping (10-12) 1 CR Fall
In this agricultural course offering, an overview of a complex and rapidly-growing industry is attempted. The course will look at how landscapes are developed, installed and maintained. Students will progress from the basic principles of landscape design and graphics, through methods of installation and maintenance to specific business methods of beginning a business, bidding and cost estimating.

ART

Art Foundations (9-12) 1 CR Fall/Spring
This introductory art course provides a foundation of exposure and experience for the other art courses. It focuses on two-dimensional concepts and three-dimensional concepts with an emphasis on the elements of art, principles of design, and compositional development. Students will utilize a variety of art media and interpret contemporary and historical artwork.

Art Drawing (9-12) 1 CR Fall/Spring
This course is a broad approach to drawing techniques for both the beginning and the advanced student. Students will explore various methods and mediums to develop skills through form, content, and techniques. Mediums include pencil, charcoal, chalk, pastel, and ink. Drawings will be done in both black and white and color.

Painting (10-12) 1 CR Fall/Spring
Pre-requisite: Art Foundations
This course will provide students with an intensive study in painting techniques. Students will explore various methods and mediums to develop their skills through form, content, technique, and compositional design. Mediums will include watercolor, acrylic, and oil.

Ceramics (10-12) 1 CR Fall/Spring
Pre-requisite: Art Foundations
This course is designed to build upon the ceramic skills established in Art Foundations. It is a comprehensive 'hands-on' experience working with clay. The discovery process of finding one's unique sense of touch is stressed. Fundamental techniques demonstrated in hand-building, wheel-throwing, glazing, and firing methods. Concepts discussed include: style, functionality, aesthetic, and various artists.

Sculpture (10-12) 1 CR Fall/Spring
Pre-requisite: Art Foundations
This course is designed to build upon on the three-dimensional concepts established in Art Foundations. Students will focus on form, space, and three-dimensional design. Students may use a wide variety of materials in this course such as styrofoam, paper mache, wood, clay, cardboard, and metal. Topics discussed include: the elements of art, principles of design, public art, and the presentation of the works.

Advanced Studio & Practicum (11-12) 1 CR Fall/Spring
Recommended: Completion of at least 2 semesters of Painting, Drawing, Sculpture, or Ceramics.
Advanced Studio & Practicum is an upper level art course in which students work in a studio environment focusing on a specific art form, which has been agreed upon by the student and instructor. Students will reflect and refine their artwork in order to create an original body of work to present at the end of the year.

Note:

Projects not required by the instructor may have a fee assessed for materials.
Independent study is possible with instructor approval.

BUSINESS EDUCATION

Accounting (11-12) 1 CR Spring
Prerequisite: Intro to Accounting
This is a class designed to teach students how to use QuickBooks Online. Accounting is taken from paper and pencil to the computer, which is quite realistic in most businesses. In this course, we will discuss the following topics: sales, revenue, managing expenses, time/billing, payroll, reports and others. You will automatically take this 2nd semester after Intro to Accounting.

Computer Applications I (9-12) 1 CR Fall
Want to become certified in Microsoft Word and PowerPoint? This class is designed to introduce and advance students' typing and computer skills. Employers are expecting students to have these skills when starting in the working world. During the semester, students will focus on Microsoft Word and proceed to cover Microsoft PowerPoint. With the necessity of technology, this class is very useful for all students in today's world, especially the rest of their high school courses. Through this course, you have the option to become a Microsoft Office Specialist in these programs.

Computer Applications II (9-12) 1 CR Spring
(Computer Applications I is not required.)
Want to become certified in Microsoft Excel and Access? This class is designed to introduce and advance students' computer skills in these programs. Some employers are looking for students to understand these programs with no extra training. During the semester, students will first focus on Microsoft Excel and later be introduced to the Access program. With the increasing use of technology, this class is very beneficial to make yourself more marketable in the working world. Being set up as a self-paced course, students can take this course independently. However, students must be prepared to accommodate deadlines, take initiative, and use self-discipline. Through this course, you have the option to become a Microsoft Office Specialist in these programs.

Entrepreneurship (9-12) 1 CR Fall
Recommended: Intro. To Business
Want to own and operate your own business? Then jump into Entrepreneurship. This class is an extension of Intro. To Business, where students pursue an interest in starting and owning their own business. Throughout the semester, students will participate in a digital, interactive simulation to learn the ins and outs of starting a business, along with exploring their own business ideas. From picking out locations, buying equipment to developing a full business plan, students will be pushed to explore their own entrepreneurial skills. Join this class to find out if you have what it takes to be an Entrepreneur!

Exploring Technology (9-12) 1 CR Fall
Recommended: Computer Applications I or II
Want to explore different types of technology? Then this class is for you! This class allows students to pursue an interest in technology and gain more experience with new and upcoming technology. During this semester, we will experiment with photo editing, audio editing, video editing, 3D modeling, animations and publication software. A variety of software and hardware will be introduced and utilized. From the Adobe Suite to Blender to iMovie or Final Cut Pro, be prepared to do some hands-on learning through different projects.

Introduction to Accounting (11-12) 1 CR Fall
This class is offered for dual credit through Iowa Lakes Community College (course ACC-111 worth 3 cr.)
This course covers the basic principles of accounting and the recording of simple business transactions using the double entry system. It includes the accounting procedures of journalizing transactions, posting to the ledger, making a trial balance and financial statements and keeping records for receipt and disbursements of cash. This course is offered as dual credit through Iowa Lakes. You will automatically take Accounting 2nd Semester after this course.

Introduction to Business (9-12) 1 CR Fall
This class will introduce you to the exciting and challenging world of business. You will be more prepared as a knowledgeable consumer, and effective citizen of our economy. This course will serve as background for other business courses you will take in high school and in college, as well as prepare you for future employment or business ownership, and help you to better understand our economy. This class encompasses several projects to explore the areas of business and what the business world has to offer. Join to start exploring your future in Business!

Independent Living (12) 2 CR Year Required
How many of you plan to: go to college, go to a technical school, go to a community college, or go directly into the workforce? This class will help prepare you for life after high school no matter what you choose. Throughout this course, we will explore possible opportunities and assist you in planning for what your future entails. Based on 21st Century Skills, students will work on cover letters, and other career readiness activities. In addition to employability, students will enhance their knowledge in Health Literacy.

Marketing (9-12) 1 CR Spring
This course will help students develop a thorough understanding of the marketing concepts and theories that apply to any industry students relate to. The areas this course will cover include basic marketing, target marketing and segmentation, sponsorship, event marketing, promotions, marketing strategies, and implementation of marketing plans. We will look at real world scenarios to explore what marketing looks like in all business sizes, industries, and organizations.

Personal Finance (12) 1 CR Fall
Know how to manage your money? Using Dave Famsey's curriculum, many financial principles are explored through videos, case studies, and real-world applications. Students will participate in class discussions to further their knowledge and experience within these topics. Through setting goals and making financial plans, students focus on the development of their own view on financial literacy. After taking this class, students should feel more accustomed towards being financially prepared and ready to take on any financial obstacles they may encounter upon entering adulthood.

Programming (9-12) 1 CR Spring
Recommended: Computer Applications I or II
Interested in coding or programming? Check out this class and the opportunities it provides! Students will explore the growing world of computer programing beginning with basic HTML and CSS. Students will explore other digital languages such as C++, Java and Python. Learning will take place through hands-on creation of websites, video games and apps. All levels of programming experience are encouraged.

Web Design (10-12) 1 CR Fall/Spring
Recommended: Exploring Technology or Programming
Limited to 5 students
If interested in coding, website design or design in general, this would be a class to look at taking! Throughout this course, students will further their knowledge into web design. Specifically, students will oversee the updates to our school's website, gaining experience using Word Press. Along with the school website, students will work on projects that explore all the opportunities in Web Design. Students should have preferably taken or be enrolled in Programing or Exploring Technology. Year-long students are preferred, since the school's website is constantly updated.

ENGLISH

English I (9) 2 CR Year Required
This introductory high school language arts course covers a range of reading, writing, and presentation skills. Reading novels, creating a research project, writing essays, creative writing, and giving slide presentations are included in coursework.

English II (10) 2 CR Year Required
Prerequisite: English I
This English course serves the purpose to explore pieces of the English language through reading, responding, and familiarizing ourselves with different stories, poems, songs, films, and people throughout history. You will complete a variety of reading, writing, speaking, listening, and viewing activities along with practicing grammar usage and applying vocabulary.

American Literature (11) 2 CR Year Required
Prerequisite: English II
In this course, we will discover and explore a historical survey of American Literature through reading, responding, and familiarizing ourselves with different stories, poems, films, and people throughout history. You will complete a variety of reading, writing, speaking, listening, and viewing activities along with the literature we all read while also practicing grammar usage and applying vocabulary. Finally, SPEECH is incorporated into the American Literature course. Throughout the year, students will present various speeches including (but not limited to): persuasive, demonstrative, impromptu, introductions, and lastly a debate. Students will learn and practice techniques to improve the effectiveness of their oral communication through classroom exercises and delivery of various types of speeches.

Applied Communications (12) 1 CR Fall
This English course prepares students to enter the working world with stronger communication skills. Included in the curriculum are the review of basic grammar and writing skills, the development of common business communications including e-mails, the study of business/professional vocabulary, and planning a business trip.

College Composition I (12) 1 CR Fall
Prerequisite: a "B" or higher in English II
In this English course, students will prepare for college-level writing through multiple modes for various audiences. While the priority focus is on your writing and what you will need to know for college, grammar, vocabulary, oral speaking, and reading comprehension are still present in the curriculum. This is the culmination of your high school writing.

College Composition II (12) 1 CR Spring
Prerequisite: College Composition I
Composition II continues from Composition I. Students will focus on creating an independent research project and multigenre research project throughout the semester along with other language and writing skills. Seniors taking College Comp II may sign up for the AP Language & Composition exam but it is not required. Guidance will be provided by the instructor in preparation for this exam. There is a charge for this test.

Fantastic Film Studies (9-12) 1 CR Fall
This English elective focuses on a variety of film constructions. Students will view films throughout the decades with a close study of cinematography. Students must turn in parent permission forms to view PG-13 and R- rated films, those who do not turn in within the first 3 days of class will not be allowed to continue in the class. Students must be prepared to participate in active, engaging, and challenging tasks.

Gaming: Analysis and Theory (11-12) 1 CR Spring
This English elective focuses on the analysis, theory, and creation of video and board games. A year end project involving the marketing of their own unique game will conclude the semester.

Journalism (9-12) 1 CR (per semester)

Students create a periodical student newspaper, newscast, and yearbook. These products include the students to interview sources, write articles and spotlights, develop digital pictures, use computer graphics, and design an online page to be included in the West Bend Journal or Toilet Times. This class also operates as a company producing a product: The WBM/GCB Yearbook. Due to the independent nature of work assigned in this class, students previously showing responsibility and leadership will be first considered for acceptance into the class through an application and interview process. Computer and photography skills are also desired. A parent permission slip allowing travel needs to be submitted after being accepted.

True Crime (11-12) 1 CR Spring (odd calendar years)
This English elective will focus on the non-fiction genre of True Crimes, that is actual crimes committed by actual people. These crimes will be explored through books, films, podcasts, and television series. Students must turn in parent permission forms to take this course due to the mature content; those who do not turn one in within the first 3 days of the course will not be allowed to continue in the class.

War Around the World (9-12) 1 CR Spring (even calendar years)
This English elective will focus on war throughout the world and history in both fiction and non-fiction genres. Students will explore the human experience of war through works of film and literature. Students must turn in parent permission forms to view PG-13 and R-rated films, those who do not turn on in within the first 3 days of the course will not be allowed to continue in the class. Students will create a research project that focuses on a war of their choice over the course of the semester.

FAMILY and CONSUMER SCIENCE

Child Growth and Development I (10-12) 1 CR Fall
This course is no longer offered for dual credit
This is a course that looks at the development of children. We will start at conception and go through toddlers. We focus on physical, social and emotional development. We use going into the Early Childhood classrooms to look at developmental stages. This is a course that will benefit anyone planning to have children or working with children.

Culinary Arts (Restaurant) (11-12) 2 CR Year
Prerequsite: Foods I and Foods II
Requirement: application to Mrs. Peppmeier
This course is using the skills learned in Foods I and Foods II to prepare food for the public. We will be meal planning, creating menus, advertising for the restaurant, and learning about customer service. We will also be preparing a meal every two weeks to serve to the public.

Foods I (10-12) 1 CR Fall
(Limited to 15 students)
Basic techniques of food preparation. Study of the FDA regulations and the making of foods from each of the groups, calorie study, meal planning and service, food buying, and basic preparation techniques.

Foods 2 (10-12) 1 CR Spring
(Limited to 15 students)
How many of you like some good competition? Well, this course is going to be looking at different aspects of cooking in a competitive view. This course will incorporate ideas from several cooking competitions and t.v. shows. You will be using the knowledge gained in Foods 1 to prep foods as well as learn about new foods and new cooking techniques.

Intro. to Early Childhood Education (10-12) 1 CR Spring
This course is offered for dual credit through Iowa Lakes Community College (ECE-103 worth 3 cr.)
Gives students a historical and philosophical foundation of the field of early childhood education. Includes an overview of assessment and trends that influences best practices. Explore careers in the field. Addresses influences of families and

diversity.

FOREIGN LANGUAGE

Colleges and universities either recommend or require 2-4 years of one foreign language for admission. Be aware of your field of interest, which may require more.

Spanish I (9-12) 2 CR Year

Designed to introduce you to the basics of Spanish language and culture. In this class, you will gain and demonstrate learning through reading, writing, speaking, and listening activities and assignments.

Spanish II (10-12) 2 CR Year

Prerequisite: Spanish I (recommended C or higher to continue)

Designed to be a continuation of the knowledge and skills you acquired the previous year in Spanish I. This course will seem to move faster, as you should already be skilled in the basics. Emphasis will be on expanding your vocabulary and grammatical concept knowledge. You should begin to improve your speaking abilities, and are expected to participate orally in class.

Spanish III (11-12) 2 CR Year

Prerequisite: Spanish II (recommended C or higher to continue)

Previously learned knowledge and skills will be enhanced through a variety of listening, speaking, reading and writing activities. More advanced vocabulary and grammatical concepts will be studied. You will be expected to demonstrate your learning more frequently with speaking and writing activities.

Spanish IV (12) 2 CR Year

Prerequisite: Spanish III (recommended C or higher to continue)

Students will work towards the proficiency level through similar, but more advanced activities than Spanish III. All major grammatical concepts will be taught by the end of the year. You will be expected to use the language to express your opinions, interests, and basic conversational needs. This course is intended to provide you with the tools and practice needed to communicate with native speakers, and to prepare you for university studies.

HEALTH & PHYSICAL EDUCATION

Health I (9-12) 1 CR Fall

(Health I is not a requirement for Health II)

This course focuses on wellness. Topics covered are: basic needs, stress, first aid, relationships, drugs including alcohol and tobacco, diseases, and living a healthier life style. All aspects of health will be covered, i.e., physical, mental, social, and emotional.

Health II (9-12) 1 CR Spring

This course focuses how you can physically, mentally, socially, and emotionally keep yourself healthy. Topics covered are: body systems, mental health disorders, diseases, sex education, and healthy alternatives.

Independent Living (12) 2 CR Year Required

How many of you plan to: go to college, go to a technical school, go to a community college, or go directly into the workforce? This class will help prepare you for life after high school no matter what you choose. Throughout this course, we will explore possible opportunities and assist you in planning for what your future entails. Based on 21st Century

Skills, students will work on cover letters, and other career readiness activities. In addition to employability, students will enhance their knowledge in Health Literacy.

Physical Education (9-12) ½ credit for each semester Class is repeated each year
Students receive usable recreational information and experiences to not only assist them in maintaining their own physical fitness and worthy use of their own leisure time but also information and experiences that will help them as adult leaders for the community youth as well as their own children.
Zero hour P.E. is available: weight lifting and speed training are emphasized.

INDUSTRIAL TECHNOLOGY
A reminder, any of the classes below may be taken for either a traditional grade or pass/fail.
Pass/fail grades do not affect GPA.
All Industrial Technology courses will be given first priority to the upperclassmen.

Advanced Projects (11-12) 1 CR Fall/Spring
Prerequisite: completion of 1 semester of Introduction to Industrial Arts
Prerequisite: Instructors approval signed prior to enrollment
Open to students to create projects in an area they have had previous Industrial Technology experience.

Electro-Mechanical Systems (10-12) 2 CR
Electro-Mechanical Systems courses provide students with instruction and experience in components and equipment used within a manufacturing environment powered by electricity and physical forces. Students gain an understanding of basic and industrial electricity, industrial electronics, and the automated systems used in the manufacturing process or within manufactured goods.

Introduction to Industrial Arts (9-12) 2 CR
Industrial Arts courses expose students to the tools and equipment that they may encounter in manufacturing-related occupations and enable them to develop the skills they need to use these tools in various applications. Course topics typically include (but are not limited to) planning and design, electricity and electronics, materials properties and testing, basic materials processing, and power technology. These courses typically cover general safety and career exploration as well.

Metals Production (Welding) (11-12) 2 CR
Metalworking courses introduce students to the physical and chemical properties of various metals and the tools and equipment used to manipulate metal and form it into products. Students will develop planning, layout, and measurement skills; gain experience in cutting, bending, forging, casting, and/or welding metal; complete projects according to blueprints or other specifications; and may also learn how to polish and finish metals. Correct us of metalworking tools and equipment is stressed.

Wood Production (9-12) 2 CR
Prerequisite: Introduction to Industrial Arts
Wood Processing/Production courses allow students to study the physical and chemical properties of woods and composites made from woods and to use these materials to construct usable products according to industry standards. These courses enable students to experience the process of translating an idea into a finished product with instruction in planning, designing, selecting materials, and using tools and machines.

Advanced Auto CAD (11-12) 2 CR
Prerequisite: CAD
Limited to 13 students.
Deals with more advanced types of drawing. 3-D emphasis will be placed on using all aspects of Auto CAD and other 3-D programs. Individual projects will be used to develop speed, proficiency, and accuracy.

Auto Mechanics (10-12) 1 CR Spring
Limited to 16 students
Auto mechanics will discuss the fundamentals of 2 and 4 cycle engines. Time will be spent on operation, maintenance, repair, and rebuilding of all major automotive areas. 50% lecture and 50% lab. Lab time will allow the student the opportunity to work on minor or major projects. Students will be required to pay for materials and supplies upon completion and before removal.

CAD (10-12) 2 CR
Prerequisite: Construction Print Reading is recommended.
Limited to 13 students
Computer Aided Drafting - This class will deal with the Auto Cad Program, how the program is set up, the way the system works, and how to operate the system.

Construction Print Reading (9-12) 1 CR Fall
This class is offered for dual-credit through Iowa Lakes Community College (CON-113 worth 3 cr.)
This class covers design, print reading, and the construction process of residential construction. The emphasis is on home construction, covering plumbing, electrical, masonry, heating and cooling. Some hands-on work will be involved if available. A parental approval form is used on all projects $15 or more.

Fundamental Survival Skills for Car and Home (10-12) 1 CR Spring
(Offered odd years opposite Metals)
Limited to 16 students
This Industrial Technology course is preferred for non-traditional female and male students with limited Industrial Tech background. This course will cover topics such as;
Auto - identify parts and terms, tire change, oil change, 25 questions before buying a used car, financing and insurance. Other topics would include; Home Maintenance - electrical repairs, plumbing and wall repairs. This semester course will be 50% classroom and 50% hands on.

General Technology (9-12) 2 CR
(Limited to 16 students)
The student will spend the 1st quarter working on a variety of mechanical drawings. During 2nd quarter, the student will learn how a house is designed and constructed following FHA standards. Using this information, the student will complete a set of house plans using traditional drawing equipment. The 2nd semester will be used for the study of woodworking and the use of power tools. The highest priority is given to safety and quality. Students will be required to pay for materials and supplies upon completion and before removal. A parental approval form is used on all projects costing $15 or more.

Metals (10-12) 1 CR Spring
(Limited to 16 students)
(Offered even years opposite Fundamental Survival Skills for Car and Home.)
A variety of areas will be covered in this course. #1 Arc welding, #2 MIG welding, #3 Oxyacetylene welding, #4 Metal lathe work using manual and computer numerically-controlled systems, #5 Sheet metal, and #6 TIG welding. The student will learn the proper and safe processes necessary to cut, form, fasten, shape, and measure. Students will be required to pay for materials and supplies upon completion and before removal. A parental approval form is used on all projects $15 or more.

Power Mechanics (10-12) 1 CR Fall
(Limited to 16 students)
The main focus of this class will be on two and four cycle engines. We will go into the four major areas of an engine: lubrication, ignition, carbonization and mechanical. We will disassemble, trouble shoot and repair the engine according to manuals for specifications. Also fluid power and pneumatics will be introduced.

Woods & Electricity (10-12) 2 CR
Prerequisite: General Technology
(Limited to 16 students)
This course will deal with the design and construction procedures of cabinets and furniture. Students will have time to design and construct involved individual projects. Time will also be spent on safety, special tool set-up, and maintenance. The electricity area will cover safety; the use and wiring of fuses, switches, lights; and general house maintenance. Students will be required to pay for materials and supplies upon completion and before removal. A parental approval form is used on all projects $15 or more.

MATHEMATICS

PRE-ALGEBRA (9-10) 2 CR
This course is designed to review basic math skills used in everyday life while introducing and connecting them to Algebra topics that will arise in Algebra I. Some topics include whole numbers, fractions, decimals, percentages, tables, charts, equations, and graphs. A Casio scientific calculator is recommended such as the Casio fx-300ES Plus.

ALGEBRA I (9-12) 2 CR
Prerequisite: Pre-Algebra
This course is designed to introduce the topics of Algebra and promote more algebraic problem solving. The concepts introduced in this course provide a background that will be built upon in all other offered math courses. Topics will include equations, inequalities, and the various forms of functions and their graphs with an emphasis on how we work with linear and quadratic functions, and some work with statistics and probability. A Casio scientific calculator is recommended such as the Casio fx-300ES Plus, fx-9860GII, or fx-CG10.

GEOMETRY (9-12) 2 CR
Prerequisite: Algebra I
This course is designed to introduce the topics of Geometry and connect them to topics learned in Algebra I. Topics will include the basic structures and vocabulary of geometry, lines, triangles and their properties, other polygons and their properties, similarity, and introduction to trigonometry, geometric transformations of figures, area, volume, and probability. A Casio scientific OR graphing calculator is recommended such as the Casio fx-300ES Plus, fx-9860GII, or fx-CG10.

ALGEBRA II (10-12) 2 CR
Prerequisite: Geometry
This course is designed to review and build upon the ideas presented in Algebra I and Geometry. Topics will include the different kinds of functions, conics, trigonometric functions, matrices, and some statistics. A Casio graphing calculator is recommended such as the Casio fx-9860GII or fx-CG10.

Precalculus (11-12) 2 CR
Prerequisite: Algebra II
Precalculus is a course that includes algebra and trigonometry at a level which is designed to prepare students for the study of calculus. The different kinds of functions, Trigonometry, and an introduction to limits and other Calculus topics will be covered. A graphing calculator is recommended such as the Casio fx-9860GII or fx-CG10.

AP CALCULUS (11-12) 2 CR
Prerequisite: Pre Calculus
Calculus I is the first of three semester sequence in Calculus and Analytic Geometry. Topics include limits, derivatives, extrema, concavity, curve sketching and antidifferentiation. Applications include related rates, maxima, and minima. Graphing calculator TI-83 or higher is required.

Statistics and Probability (11-12) 2CR
Prerequisite: Algebra II
This course is designed to look deeply at the mathematics behind the statistics that run our world. Topics will include an introduction to data, representing the data graphically, correlation within data, how to gather data, probability, distribution models, and inferences about the means of distributions. Students have the option but are not required to take the AP Statistics Exam. A Casio graphing calculator is recommended such as the fx-9860GII or fx-CG10. _

MUSIC

Choral Music (9-12) 1/2 credit each semester May be repeated each year.
The Choral program is designed to develop a student's vocal ability. This program involves considerable work in preparations for various small and large group performances. You will be challenged to grow and develop as a musician through rehearsals and concerts provided to the public throughout the school year. The music selected for this group will range from classical styles, to novelty style, to the popular standards of today. Students may choose to participate in specials small groups and honor choirs. These groups will work outside of class time.

Instrumental Music (9-12) 1/2 credit each semester May be repeated each year.
The instrumental music program is designed to develop a student's musical and playing abilities. Students will develop their skills and abilities on their instruments through lessons, rehearsals, and concerts open to the public to enjoy. Students are asked to be part of the marching and pep band that perform throughout the school year. The music selected represents various styles of music. Weekly lessons are required for this class.

SCIENCE

Integrated Science (9) 2 CR Year Required
Integrated Science introduces the basic concepts of scientific inquiry, physical science, earth and space science, and environmental science. These standards build the knowledge base that prepares the student for the next three years of science and beyond. The Integrated Science concepts will be further enhanced by having students perform careful scientific investigations.

Biology (10) 2 CR Year Required
Biology is the science of life. Major topics include: cell structure and function, basic body processes, body structures and the senses, reproduction, genetics, and ecosystems.

Anatomy (11-12) 1 CR Fall
The scientific study of the structure and function of the body including the organ systems.

Biotechnology (11-12) 1-2 CR Fall
Prerequisite: Biology
This course is designed to provide you with a broad overview of the science of biotechnology. Biotechnology is the field of science that uses products of living organisms primarily to make new products. Areas studied may include: recombinant DNA technology, transgenic organisms , GM (genetically modified) foods , forensic investigations (DNA fingerprinting), bioremediation (process of breaking down environmental pollutants), and gene therapy to treat genetic diseases . We will be focusing heavily on laboratory experiments with an emphasis on techniques currently being used by industry.

Chemistry A (11) 1 CR Required
Prerequisites: Algebra I & Integrated Science
The study of the composition of matter through an understanding of the relationship between structure and properties.

Topics will include: classification of matter, changes in matter, elements, compounds, chemical changes, structure of the atom, the periodic table, bonding, kinetic theory, gases, thermodynamics, solutions, acid and bases. Lab exercises will aid in the learning of the above topics.

Chemistry B (11-12) 1 CR Semester
Prerequisites: Chemistry A
The study of the composition of matter through an understanding of the relationship between structure and properties. Topics may include: chemical changes, stoichiometry, structure of the atom, bonding, gases, thermodynamics, solutions, acid and bases, organic chemistry. Lab exercises will aid in the learning of the above topics.

Environmental Science (10-12) 2 CR
Prerequisite: Biology
An exploration in environmental relationships of ecosystems and human influences on the environment. Topics would include: ethics, human populations, energy sources, pollution, solid waste and toxic waste.

Forensic Science (11-12) 1 CR Spring (or Fall)
Prerequisite: Integrated Science, Biology
This course focuses on the skills and concepts behind crime scene investigation and forensic science. Whether you desire to be a crime scene investigator, forensic pathologist, or some other medical scientist, this course will help you hone your investigative skills and review a wide range of science concepts. You will engage in lectures, labs, case studies, on-line activities, and professional visits as part of this course. This course should help you see how science is used to answer questions rather than just learning science concepts.

Physics A (11) 1 CR Required
Prerequisites: Integrated Science
An exploration of the relationships between matter and energy. Topics may include: motion, momentum, gravitation, work, energy, thermodynamics, waves, sound, light, and electromagnetism. Lab exercises will aid in the learning of the above topics

Physics B (11-12) 1 CR Semester
Prerequisites: Physics A, Algebra II
A continued exploration into the relationships between matter and energy. Topics may include: kinematics, dynamics, gravitation, thermodynamics, waves, sound, light, electromagnetism, quantum theory, relativity, and nuclear physics. Lab exercises will aid in the learning of the above topics

Renewable Energy (10-12) 1 CR Spring
Prerequisite: Integrated Science
This course gives an introduction to the STEM field of renewable energy and explores a wide range of topics including Wind, Solar, Geothermal, and Hydro Technologies. This will be a hands-on class emphasizing inquiry-based learning and critical thinking skills used to understand and solve energy problems faced today.

Zoology (11-12) 1 CR Spring
Prerequisite: Biology
The scientific study of the structure and function and classification of organisms. Included are: porifera, coelenterates, platy helminthes, mollusks, annelids, arthropods, echinoderms, and chordates.

SOCIAL STUDIES

World History (9-12) 2 CR Year Required
This course develops a background of the history of other countries to help us understand present day world problems and to help us be aware of our own past and present. Also included is a detailed examination of civilization development around the world. Topics include war, revolution, discovery, invention and religion. This is primarily a lecture course, with other media use when appropriate.

American History (10) 2 CR Year Required
This course is a detailed study of past events that have helped to mold the United States of today. It helps students as American citizens realize the meaning of their heritage. Emphasis is on reforms, revolution, wars, government

development, economic cycles, and cultural development. This is primarily a lecture course with some small group work and discussion. Research project required.

Economics (11-12) 1 CR Spring
Recommended: Algebra I
This is a course meant to give the students a working knowledge of the discipline of economics. It is meant to assist the student in making intelligent decisions. Topics include economic theories, types of economic systems and markets, supply, demands, costs, inflation, GNP, money, banking labor unions, and other economic systems. This course is primarily lecture and discussion.

Government (12) 1 CR Fall/Spring
This course is designed to introduce to the students the basic structure and functioning of the American Governmental System and its associated political processes with emphasis on the individual. Its primary objective is to teach governmental topics along with the political structure and theory implemented in the United States government. Comparisons to other forms of government are also included. This is primarily a lecture course with some discussion.

Humanities I (**11-12) 1 CR Fall**
Students will study the history, beliefs, art, music and literature of cultures. The students will learn how the fine arts reflect the values and priorities of the cultures that created them. The main focus of Quarter 1 will be on heroes and values, and the main focus of Quarter 2 will be on problems and challenges in society.

Humanities II (**11-12) 1 CR Spring**
Students will study the history, beliefs, art, music and literature of cultures. The students will learn how the fine arts reflect the values and priorities of the cultures that created them. The main focus of Quarter 3 will be rebels and revolutionaries, and the focus of Quarter 4 is addressing the question of who we are as a modern American society.

Psychology (11-12) 1 CR Fall
This course deals with everyday people, in a normal setting. Some of the topics covered are: understanding oneself, human behavior and a healthy personality, effective learning, thinking and problem solving. A second main area of study will examine why persons behave as they do, emotions, perceptions, and understanding personalities. This course is primarily a discussion and writing class.

Sociology (11-12) 1 CR Spring
This is an elective course which gives a brief introduction to the discipline of sociology. It includes an explanation to topics such as culture, environment, socialization, groups, minorities, and social institutions. It helps students realize how they come to be what they are and helps mold concrete attitudes toward one's fellow man. This course is primarily a discussion and writing class.

U.S. History to 1877 (11-12) 1 CR Fall
Prerequisite: American History with a letter grade of C or higher
This is a dual-credit course offered through Iowa Lakes Community College (HIS-151 worth 3 cr.)
This is an introductory American History course, examining the time period to Reconstruction. This course is designed to introduce the student to the history of the United States, with a survey of social, political, economic, religious and cultural institutions from colonial times to Reconstruction. This course will help you understand the past so that you can better understand the present and future.

U.S. History since 1877 (11-12) 1 CR Spring
This is a dual-credit course offered through Iowa Lakes Community College (HIS-152 worth 3 cr.)
This course covers the history of the United States since 1877 including re-union, growth of business, expansion and World War I, rise to world power, isolation, modern industry, depression, recovery, and internationalism.

World Regional Geography (11-12) 1 CR Fall
This is a dual-credit course offered through Iowa Lakes Community College (GEO-121 worth 3 cr.)
The course will be exploring the land and people of all parts of the world. Each region studied will focus on four concepts: Earth science, cultural geography,
locational distribution, and area analysis.

TECHNOLOGY

There are currently no classes offered within a technology department. Classes of interest may be found within the Business Department.

THE FOLLOWING COURSES

ARE

NON-DEPARTMENTAL

ADVANCED PLACEMENT ONLINE CLASSES

All AP classes and books are provided free of charge. The AP exam will require payment. Students taking an AP class are not required to take the AP exam.

AP student's participation requires a personal interview with the AP Coordinator. Courses taken through the Iowa AP Academy require separate enrollment with AP Coordinator. This must be done in the Spring prior to taking the course.

AP Calculus 2 CR Prerequisites: Algebra II, Geometry, Trigonometry & Pre-Calculus or Math Analysis) Full year course

In AP Calculus AB, students learn to understand change geometrically and visually (by studying graphs of curves), analytically (by studying and working with mathematical formulas), numerically (by seeing patterns in sets of numbers), and verbally. Instead of simply getting the right answer, students learn to evaluate the soundness of proposed solutions and to apply mathematical reasoning to real world models. Calculus helps scientists, engineers, and financial analysts understand the complex relationship behind real-world phenomena. AP Calculus AB prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP Chemistry 2 CR Prerequisite: Algebra II and Chemistry Full year course

AP chemistry builds students' understanding of the nature and reactivity of matter. After studying the structure of atoms, molecules, and ions, students move on to solve quantitative chemical problems and explore how molecular structure relates to chemical and physical properties. Students will examine the molecular composition of common substances and learn to predictably transform them through chemical reactions. AP chemistry prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP English Language & Comp. 2 CR Prerequisite: Grade of B in most recent English course Full year course

In AP English Language and Composition, students learn to understand and analyze complex styles of writing by reading works from a variety of authors. They'll explore the richness of language, including syntax, imitation, word choice, and tone. They'll also learn about their own composition style and process, starting with exploration, planning, and writing, and continuing through editing, peer review, rewriting, polishing, and applying what they learn to a breadth of academic, personal, and professional contexts. AP English Language and Composition prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP English Lit & Comp 2 CR Prerequisite: Grade of B in most recent English course Full year course

AP English Literature and Composition immerses students in novels, plays, poems, and short stories from various periods. Students will read and write daily, using a variety of multimedia and interactive activities, interpretive writing

assignments, and class discussions to assess and improve their skills and knowledge. The curriculum places special emphasis on reading comprehension, structural and critical analysis or written works, literary vocabulary, and recognizing and understanding literary devices. AP English Literature and Composition prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP Macroeconomics 1 CR Prerequisite: Algebra II (or Math Analysis) One semester course
AP Macroeconomics students learn why and how the world economy can change from month to month, how to identify trends in our economy, and how to use those trends to develop performance measures and predictors of economic growth or decline. They'll also examine how individuals, institutions, and influences affect people, and how those factors can impact everyone's life through employment rates, government spending, inflation, taxes, and production. AP Macroeconomics prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP Microeconomics 1 CR Prerequisite: Algebra I One semester course
AP Microeconomics studies the behavior of individuals and businesses as they exchange goods and services in the marketplace. Students will learn why the same product costs different amounts at different stores, in different cities, at different times. They'll also learn to spot patterns in economic behavior and how to use those patterns to explain buyer and seller behavior under various conditions. Microeconomics studies the economic way of thinking, understanding the nature and function of markets, the role of scarcity and competition, the influence of factors such as interest rates on business decisions, and the role of government in promoting a healthy economy. AP Microeconomics prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP Physics B 2 CR Prerequisite: Advanced Math; Physics recommended Full year course
AP Physics B is a non-calculus survey curriculum covering five general areas: Newtonian mechanics, thermal physics, electricity and magnetism, waves and optics, and atomic and nuclear physics. Students will gain an understanding of physics' core principles and then apply them to problem-solving exercises. They'll learn how to measure the mass of a planet without weighing it, find out how electricity makes a motor turn, and learn how opticians know how to shape the lenses for glasses. AP Physics B prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP Psychology 1 CR Prerequisite: One year of Biology One semester course
AP Psychology provides an overview of current psychological research methods and theories. Students will explore the therapies used by professional counselors and clinical psychologists and examine the reasons for normal human reactions: how people learn and think, the process of human development and human aggression, altruism, intimacy and self-reflection. They'll study core psychological concepts, such as the brain and sense functions, and learn to gauge human reactions, gather information, and form meaningful syntheses. Along the way, students will also investigate relevant concepts like study skills and information retention. AP Psychology prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP Statistics 2 CR Prerequisite: Algebra II or Math Analysis Full year course
AP Statistics gives students hands-on experience collecting, analyzing, graphing and interpreting real-world data. Students learn to effectively design and analyze research studies by reviewing and evaluating real research examples taken from daily life. As the art of drawing conclusions from imperfect data and the science of real world uncertainties, statistics plays an important role in many fields. AP Statistics prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP US Government & Politics 1 CR Prerequisite: U.S. History One semester course
AP U.S. Government and Politics studies the operations and structure of the U.S. Government and the behavior of the electorate and politicians. Students will gain the analytic perspective necessary to critically evaluate political data, hypotheses, concepts, opinions, and processes. Along the way, they'll learn how to gather data about political behavior and develop their own theoretical analysis of American politics. They'll also build the skills they need to examine general propositions about government and politics, and to analyze the specific relationships between political, social and economic institutions. AP U.S. Government and Politics prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

AP US History 2 CR Prerequisite: Grade of B in most recent social studies course
Full year course

AP U.S. History analyzes and explores the economic, political, and social changes in America since Columbus. Students master historical knowledge and critical analysis, build reading, writing and communication skills, and discover how historical events have contributed to American culture. In the process, they'll learn how decisions and events of the past continue to have profound effects on the world today and how knowledge of the causes behind past events can influence future decisions. AP U.S. History encourages students to put their factual knowledge to work by weighing evidence and interpreting problems presented by historians. AP U.S. History prepares students for the AP Exam. The content aligns to the scope and sequence specified by the College Board and to widely used textbooks.

IOWA LAKES COMMUNITY COLLEGE
HIGH SCHOOL PROGRAMS

High school students have the opportunity to enroll in programs that allow them to earn college credit while still enrolled in high school. This opportunity exists because of a partnership between West Bend Mallard CSD and Iowa Lakes Community College. Following are descriptions of different ways that college credit can be earned.

CONTRACTED CLASSES (FORMERLY POSTECONDARY ENROLLMENT OPTION (PSEO))

This program allows students in grades eleven and twelve, as well as TAG students in grades nine and ten, to enroll in classes at Iowa Lakes Community College during the regular school day to earn both high school and college credit for these courses. Students may take classes that are not similar to classes that are already offered at West Bend-Mallard. Classes are offered on both the Emmetsburg and Algona campuses of Iowa Lakes; on line classes may also be taken. A list of classes for each semester and on line can be found at www.iowalakes.edu

CAREER ACADEMY

Career Academy classes enable high school students to explore career options and gain specific employment skills within a specific vocational or technical program. Students earn both high school and college credit for these classes. Classes are offered on the Emmetsburg campus of Iowa Lakes. There may be costs involved in these classes; check with Iowa Lakes to verify. Classes offered are:

Ag Production Technology
Automotive Technology
Automotive Collision Technology
Construction Technology
Hotel & Restaurant Technology
Farm Equipment & Diesel Technology
Landscape & Turf Grass Technology
Marine & Small Engine Repair
Motorcycle & Small Engine Repair
Welding Technology

TECH PREP

Tech Prep classes are taught at West Bend Mallard High School by qualified instructors. Both high school and college credit are awarded. Each of these classes combines high level academic and technical skills with the Iowa Lakes syllabus and textbook and is intended to transfer into vocational and technical programs. Tech Prep classes require students to have results from either the ASSET /COMPASS test or ACT college entrance exam. Courses offered are:

Accounting
Child Development
CAD

COLLEGE PREP

College Prep classes are taught in the local high school by instructors certified to teach college level classes. The Iowa Lakes syllabus and text book is followed and used for each course. Both high school and college credit are awarded. College Prep classes require students to have the results from either the ASSET/COMPASS or the ACT college entrance exam. Courses offered are:

Physics

ON THE JOB

On The Job (12) 1 or 2 CR Spring

A part of On The Job transition available to the WBM students is to provide meaningful work experiences in the community. The goal is to prepare our students to enter and succeed in a changing work place.

REQUIREMENTS:

*Students must be a senior status
*Students must be released from school for their on the job training.
*Students must fulfill all graduation requirements of WBM.
*Students on work release will receive 1 credit for 7.5 hours (2 class periods) or 2 credits for 12.5 hours (3 class periods).
*Student hours should not exceed 20 hours a week for on the job training without approval from coordinator, student, parent and administration.
*If student is not placed in a work setting a job simulation will be used if applicable.
*Student's schedule will need administrative approval.
*Student will complete weekly reports while on the job.
*Student will be evaluated by school coordinator and employer.
*Student employment may not be with immediate family or other relatives.

PREREQUISITES:

*Job shadowing may be done in the second semester of the junior year or the first semester of the senior year in related classes.
*Student has taken Entering the World of Work, Applied Communications or Ag Business.
*Student has earned 4 credits in a vocational area of requirement as determined by teacher.
*Student has successfully achieved related competencies for job.
*Student will find employment at an approved work site so they are ready to begin work in the spring of their senior year.
*Student will complete a Student Agreement form

DEVELOPMENTAL MATH PROGRAM

Developmental Math Program ½ credit per semester

Prerequisite: Recommendation of Teacher

This course is designed for individuals who have demonstrated math skills that are significantly lower than their peers and who needs to work on math skill that are significantly below grade level. This is an independent study of course lasting one semester with accuracy monitoring the Resource Room.

DEVELOPMENTAL READING PROGRAM

Developmental Reading Program ½ credit per semester

Prerequisite: Recommendation of Teacher

This course is designed for individuals who have demonstrated reading skill that are significantly lower
Than their peers and who need to work on reading skills that are significantly below grade level. This is an independent study course lasting one semester with accuracy monitoring the Resource Room.

THE FOLLOWING COURSES

ARE NO LONGER OFFERED.

COURSE DESCRIPTIONS MAY BE VIEWED IN PREVIOUS COURSE DESCRIPTION BOOKS,

INCLUDING THE 2018-2019 COURSE DESCRIPTION BOOK.

Course Title	Grades Offered To	Credits and Semester Offered
Ag Marketing	**(10-12)**	**1 CR Fall**
Agricultural Mechanics	**(10-12)**	**1 CR**
Art I	**(9-12)**	**2 CR**
Art II	**(10-12)**	**2 CR**
Art III	**(11-12)**	**2 CR**
Art IV	**(10-12)**	**2 CR**
Advanced Computer Applications	**(10-12)**	**2 CR Year Required**
Computer Applications	**(9-12)**	**2 CR Year Required**
Contemporary Literature	**(9-12)**	**1 CR (per semester)**
Entering the World of Work	**(11-12)**	**1 CR Fall/Spring**
Formatting I	**(9-12)**	**1 CR Fall**
Personal Finance	**(9-12)**	**1 CR Fall/Spring**
Independent QuickBooks	**(12)**	**1/2 CR Fall/Spring**
Independent Web Design	**(10-12)**	**1/2 CR Fall/Spring**
Newswriting	**(9-12)**	**1 CR**
Yearbook	**(11-12)**	**1 CR**
Child Growth & Development II	**(10-12)**	**1 CR Spring**
Food Fundamentals	**(11-12)**	**1 CR Spring**
Housing	**(9-12)**	**1 CR Fall**
Intro to Family & Consumer Science	**(9-10)**	**1 CR Spring**
ADVANCED MATH	**(11-12)**	**2 CR**
CONSUMER MATH	**(10-12)**	**2 CR**
Astronomy	**(9-12)**	**1 CR Fall**
Earth Science	**(9-12)**	**1 CR Fall**
Intro to Robotics	**(9 - 12)**	**1 CR Fall**
Physical Science	**(9)**	**2 CR Year Required**
Current Issues	**(9-12)**	**1 CR Fall/Spring**
Geography	**(9-12)**	**1 CR Fall**
Computer Programming	**(9-12)**	**1 CR Fall**
Computer Support	**(9-12)**	**1 CR Spring**
WBM DESIGNS	**(9-12)**	**1 CR Fall/Spring**
Web Page I	**(9-12)**	**1 CR Fall**
Web Page II	**(9-12)**	**1 CR Spring**