

MARION HIGH SCHOOL

PROGRAM OF STUDIES

2008/2009

Marion High School

675 South 15th Street
Marion, Iowa 52302

Administration

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General Information

Requirements for Graduation *

- Class of 2008 and beyond will be required to complete 28 total credits (14 required credits and 14 elective credits) Required credit include:

English	4 credits including English I, English II, English III, American Literature I & II, English IV Gen/College, AP English I,II,III
Math	2 ½ credits including Money Math Matters (3 credits required Class 2010 & beyond)
Social Studies	3 credits including Global Studies, American History and American Government and 1 social studies elective
Science	2 credits will be required to complete General Science I (Motion), General Science II (Matter), General Science III (Waves), Biology and one of Human Biology or Botany/Zoology. (General Science III required for Class of 2010 and beyond)
Physical Education	2 credits Physical Education credit is earned at the rate of ½ credit per school year, and each student, unless excused because of documented medical reasons, religious reasons, or academic course conflict, must have a total of two (2) credits of Physical Education to graduate. Class of 2010 and before must take one (1) term of Health.
Health	Class of 2011 and beyond must take one (1) term of Health.
Life Skills	.5 credit of Teen Insights to be completed (beginning with the Class of 2004)
- A student may be allowed to take four (4) credits at an approved educational institution to count toward a Marion diploma. This credit must be approved by the high school principal.

Earning Credits Credits are earned at the rate of .5 (1/2) for each 9 week course successfully completed. A student enrolled in 4 courses for a term would earn 2.0 credits for successful completion of those 4 courses for that term. Students are not allowed to take less than 3 classes a term.

Grading A student's grade point and class rank are determined by the following grading system and its numerical equivalent based on a plus and minus system:

A = 4.00	B+ = 3.33	C+ = 2.33	D+ = 1.33		
A- = 3.67	B = 3	C = 2	D = 1	F = 0	
	B- = 2.67	C- = 1.67	D- = 0.67		

Pass/Fail: Students in grades 10, 11, and 12 may take 1 course per term on a pass/fail basis. The student must be on track for graduation and the course cannot be one of the core courses required for graduation.

Academic Letter The Academic Letter is nearly identical to the varsity athletic letter except that it has the symbolic lamp of learning prominently displayed. To receive this letter, the student is expected to maintain a 3.5 GPA for each term (NOT an average) during the academic year. We are also now including the following incentives that need to be promoted as further goals for all students to pursue. These incentives are tabulated at the end of each school year. Students will earn a RED/GOLD card based on their GPA for all four terms and their ITED percentile rank. Those students qualifying for academic awards will receive their awards at the beginning of the Fall term.

Course Changes/Drops All course changes will be handled through the Student Services Office before school or after school only. Students may change a course anytime during the first 3 days of a term (9 weeks). A student must maintain a course load of four (4) courses, seniors with privileges three (3) each term. Scheduling exemptions during each semester will be on an individual basis and approvals will be given on the merit of each case and will not be automatic.

Students must be enrolled in the appropriate number of courses each term. Seniors could drop a 4th course by the Friday after Parent/Teacher conferences without receiving a grade. Juniors could also drop a 4th course if they have not used their open block for the year by the Friday after Parent/Teacher conferences. All other drops, approved by the Associate Principal, will earn a grade of "F".

Marion High School Computer Literacy The Marion Board of Education and Site-Based Teams have defined computer literacy as the ability to successfully complete multiple projects using computer work processing database, spreadsheet, graphing, and drawing applications. Every student, through integrated projects in courses, should have these skills when they graduate from Marion High School.

Marion COMPASS CENTER Students can transfer to the COMPASS school and earn a Marion Alternative High School diploma. Attendance to COMPASS school is required. Students are allowed to complete no less than 4 classes and no more than 8 if planning to return to Marion High School. NOTE: Work Experience will not be accepted. Students may also earn a GED at Marion Compass Center.

Transferring or Moving: Students transferring from Marion High School must check out with the Student Services Office before moving or transferring to a new school. Appropriate paperwork must be filled out in order to attend another education center or school.

Marion Learning Center The center is located in the Kirkwood Skills Center. For students enrolled at Marion High School, a limited number of credits toward graduation may be earned through completion of approved courses at \$135.00 per course. Students who drop out of Marion High School can either complete work for a Kirkwood High School diploma or a GED (high school equivalency certificate) at no personal expense, if approved by an administrator.

Educational Planning Marion High School offers a diversified array of courses and activities to meet the wide range of individual student goals, interests, and abilities. Therefore, it is very important that you make your educational plans carefully and keep such plans up to date as you progress through school. Your counselors and teachers are prepared to assist you in this task.

In developing your personal educational plan, you will want to select courses with four purposes in mind:

1. to meet requirements for graduation
2. to achieve competence in those basic knowledge and skill areas important to continued learning and functioning in adult life
3. to reach specific post-high school goals
4. to pursue a current interest or allow development of a special talent, and pursue a career cluster (Class of 2011)

NOTE: POST-SECONDARY ENTRANCE REQUIREMENTS ARE CHANGING YEARLY AND BECOMING MORE DEMANDING. IT IS THE RESPONSIBILITY OF THE STUDENTS AND PARENTS TO FIND OUT ABOUT THOSE REQUIREMENTS BEFORE SELECTING THE STUDENTS' HIGH SCHOOL COURSES EACH YEAR.

Academy Courses

The Cedar Rapids Metro area high schools offer, through Kirkwood Community College, a wide variety of specific interest courses titled "Career Academies". Areas of study at various area high schools and at the Kirkwood Marion campus and Main campus include:

1. Graphic & Media Communication
2. Information Systems Management
3. Engineering
4. Human Services Education
5. Health Services
6. Computer Programming
7. Local Area Networking (LAN)
8. Geospatial Information Systems
9. Auto Technology
10. Advanced Manufacturing Technology

Students can enroll in any of these areas of study with the following considerations:

1. students must provide their own transportation
2. students enroll as dual credit students and must enroll with Kirkwood Community college
3. students must attend orientations
4. students must repay the Marion Independent School District for expenses of the course if a grade of "C" or better is not earned OR if the course is dropped.

**MAKE SURE YOU CAN COMMIT TO ONE OF THESE PROGRAMS IF YOU DECIDE TO ENROLL.
SEE A COUNSELOR FOR AN APPLICATION.**

Post-Secondary Enrollment Options Act

Post-Secondary Enrollment Options Act allows 11th and 12th grade students to enroll part time in an eligible community college, state university. Students can enroll in one or more classes. The student must have the flexibility to enroll in the course and students may not take "comparable" course(s) at a college. A "comparable" course is one that is offered by the district you attend. Marion Independent School District will pay fees up to \$250.00 per course (for tuition and books). The students and family are responsible for transportation. Additional information is available through the Student Services Office.

Schedule Policies

The following policies must be strictly adhered to for assurance that all students of Marion High School have the opportunity to schedule desired courses.

1. All schedule conflicts will be handled through the Student Services office before school or after school only.
2. Students, in consultation with their parents, should **carefully** select courses to place on their educational planning sheets. **SELECTED COURSES THAT ARE SCHEDULED WILL NOT BE CHANGED UNLESS THERE IS A LEGITIMATE ACADEMIC REASON.**

BE CAREFUL TO:

- a. read the descriptions in the Program of Studies. Know as much about a course as possible
- b. select only those optional courses you will be willing to take
- c. sign up for classes that have not already been taken.

The Marion Independent School District does not discriminate on the basis of sex in the education programs or activities it offers. The Marion Independent School District provides equal educational and employment opportunities and will not illegally discriminate on the basis of race, creed, color, religion, gender, age, national origin, marital status or disability.

YOUR COURSES COUNT

ART

INDEPENDENT STUDY COURSES ARE BY INSTRUCTOR INVITATION ONLY. DUE TO ENROLLMENTS, NO CLASS MAY BE TAKEN MORE THAN 1 TIME.

Course Title: **DRAWING**
Grade Level: 9, 10, 11, 12
Credit: ½
Length: 1 Term

Considerations: **This course is a prerequisite for Career Academy Program. A grade of “B” or above in this course is required in order to enroll in Career Academy.**

Course Description: This course will help students learn to see and draw accurately as well as imaginatively. A variety of materials and approaches will be used to solve problems in perspective, portraiture, still life, landscapes, and figure drawing. The topic of brain hemispheres will be explored in order to help students tap in to the creative possibilities of the right side of the brain. Those who feel they are not artistic will be pleased to find that they can learn drawing skills just as they once learned how to write.

Skills Needed to be Successful:

- Ability to follow directions
- Productive work ethic
- Creativity and imagination
- Good craftsmanship and attention to detail
- Desire to improve drawing skills

Expectations:

- Learn to use one and two-point perspective correctly
- Demonstrate understanding of the principles of design and the elements of art
- Explore careers in the visual arts
- Learn to draw more realistically with a variety of materials

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **ADVANCED DRAWING**
Grade Level: 11, 12
Credit: 1/2
Length: 1 Term
Pre-requisite: **Grade of “C” or above in Drawing and in Computer Graphics**

Course Description: This course will offer students a chance to continue building upon the skills learned in Drawing. A variety of materials and approaches will be used to refine the student’s skills at drawing. Topics such as illustration, portraiture, landscape, still life, and figure drawing may be covered. Students in the class will be able to work on designing problems and assignments themselves. Careers in art and portfolio development will be covered in this class.

Skills Needed to be Successful:

- Good listening skills
- Ability to consistently meet deadlines
- Self motivation
- Serious and mature work ethic
- Creative problem solving
- Attention to detail and craftsmanship

Expectations:

- Work independently
- Organizational skills
- Willingness to work with people and be open to constructive criticism
- Meet required deadlines
- Positive attitude

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **CERAMICS**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Consideration: **A grade of C or better in this course is required to enroll in Advanced Ceramics.**

Course Description: Students will explore a variety of hand-building techniques. Correct procedures and technical information will be emphasized. Students will enjoy the opportunity for creative work and self-expression through clay. Weekly workbook assignments concerning the history of ceramics will be included.

Skills Needed to be Successful:

- Ability to follow directions
- Productive work ethic
- Creativity and imagination
- Good craftsmanship and attention to detail

Expectations:

- Demonstrate growth in their abilities to use clay creatively
- Practice good technical skills

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **ADVANCED CERAMICS**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Pre-requisite: **A grade of “C” or above in Ceramics**

Course Description: Students in this class will expand their basic skill with both hand building and wheel throwing. Students can expect to work more independently than beginning students and assume responsibilities in the ceramics lab with loading the kiln, running the pug mill and formulating glazes. Emphasis will be on creativity and originality as well as development of advanced methods of clay construction and sculpture. This course may only be taken once.

Skills Needed to be Successful:

- Ability to follow directions
- Productive work ethic
- Creativity and imagination
- Good craftsmanship and attention to detail
- Willingness to take on responsibilities in the ceramics lab

Expectations:

- Demonstrate growth in their abilities to use clay creatively
- Practice good technical skills
- Explore careers in the ceramic arts

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **MIXED MEDIA**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Consideration: **Prerequisite – Grade earned of C or above in Drawing class**

Course Description: This comprehensive art course is designed to give both beginning and advanced art students a broad overview of the media used in the visual arts. Areas to be explored include a wide variety of two and three-dimensional materials. An emphasis will be placed on self-expression and refining artistic skills. A study of 20th Century American art is included in this course.

Skills Needed to be Successful:

- Desire to explore a wide variety of art materials and styles
- Ability to follow directions
- Productive work ethic
- Creativity and imagination
- Good craftsmanship and attention to detail

Expectations:

- Explore a variety of art materials and use them creatively
- Demonstrate understanding of the principles of design and the elements of art
- Explore careers in the visual arts

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **PAINTING**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Considerations: **Must take Drawing first and earn a grade of C or above.**

Course Description: In this class, students will use chalks, oil pastels, watercolors and acrylics. A variety of techniques will be explored so that students gain knowledge and confidence in their ability to communicate ideas and express feelings through their paintings. Color theory, design principles and art history will be emphasized.

Skills Needed to be Successful:

- Basic drawing skills
- Willingness to follow directions
- Productive work ethic

Expectations:

- Apply color theory
- Demonstrate understanding of art elements and design principles
- Research famous painters
- Practice technical skills
- Express ideas and feelings
- Create and display original artwork
- Critique paintings
- Explore art careers

Career Pathway(s) Related to Content:
All Careers

Course Title: **ADVANCED PHOTOGRAPHY**
Grade Level: 12
Credit: ½
Length: 1 Term
Pre-requisite: **At least a “B” in Photography**

Considerations: Experience with science, math and chemistry is recommended. Textbook reading and workbook assignments will be included.

Course Description: This course expands on the knowledge gained in Photography class. Advanced darkroom techniques will be covered and students will have opportunities to create independent work and produce professional-quality results. Careers in photography and portfolio preparation will be included.

Skills Needed to be Successful:

- The ability to follow written and verbal directions
- Understanding basic camera operations and procedures
- Productive work ethic
- Responsibility and punctuality
- Being a self-motivated independent learner

Expectations:

- Demonstrate problem solving techniques
- Exhibit writing skills by completing written assignments
- Use photography materials and techniques appropriately and effectively
- Demonstrate competency in taking pictures, making quality prints and developing negatives

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **COMPUTER GRAPHICS DESIGN**
Grade Level: 9, 10, 11, 12
Credit: 1/2
Length: 1 Term

Pre-requisite: **A grade of “B” or above in this course is a pre-requisite for the Career Academy Program.**

Course Description: Units of study will focus on learning graphics techniques while gaining an understanding of the art elements, design principles, and art history. Computer-generated fine art and commercial art will be explored. Students will become computer-literate while solving artistic problems.

Skills Needed to be Successful:

- Good listening and reading skills
- Ability to follow directions
- Ability to meet deadlines

Expectations:

- Apply knowledge of art elements and design principles
- Explore career options for graphic designers
- Use computer graphics programs to create fine and commercial art

Career Pathway(s) Related to Content:
All Careers

Course Title: **COMMUNICATION AND WEB TECHNOLOGY**
Grade Level: 11, 12
Credit: 1/2
Length: 1 Term
Pre-requisite: **Earn a grade of “B” or above in Lay-out & Design**

Course Description: Communication and Web Technology will focus on writing and communication within the context of the Internet and the most recent computer technology. Students will construct and maintain both personal and school web pages, mastering and utilizing the wide variety of utilities and applications for that medium. Additional skills and practices will include informational and journalistic writing, information-gathering on and off the Internet, bibliographic skills, problem-solving skills, construction and manipulation of computer images, and construction of multimedia projects. Basic familiarity with Macintosh computer function.

- Skills Needed to be Successful:
- Communication skills
 - Internet familiarity
 - Network familiarity
 - Principles of design

- Expectations:
- Work independently
 - Attendance is a MUST
 - Build web pages
 - Develop electronic portfolio

Career Pathway(s) Related to Content:
Arts & Communication
Business & Information Management
Engineering/Industrial Tech Sciences

Course Title: **COMPUTER ANIMATION**
Grade Level: 11, 12
Credit: 1/2
Length: 1 Term
Pre-requisite: **Grade of “B” or above in Digital Drawing (Illustrator)**

Course Description: This course will offer students a chance to create computer-animated designs using various digital media. Using current industry standard software, such as Macromedia Flash, students will put designs into motion. This course will focus on incorporating art principles and elements into every design. Other topics covered will be career choices, portfolio work, and problem solving skills.

- Skills Needed to be Successful:
- Good listening and reading skills
 - Ability to consistently meet deadlines
 - Self-motivation
 - Serious and mature work ethic
 - Creative problem solving

- Expectations:
- Work independently
 - Attendance is a MUST
 - Organizational skills
 - Willingness to work with people and be open to constructive criticism
 - Meet required deadlines
 - Positive attitude

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **AP ART - Studio**
Grade Level: 11, 12
Credit: 1
Length: 2 Terms
Pre-requisite: **Drawing and Invitation by Instructor and must have a 3.0 GPA**

Considerations: Must show high achievement in art through success in previous coursework

Course Description: This class is designed to serve the needs of 11-12 grade students who have achieved at high levels in art classes. Challenging and individualized projects will be completed in a variety of media. Emphasis will be placed on art history, careers and portfolio preparation. Portfolios may be submitted for college credit.

Skills Needed to be Successful:

- Previous achievement in art
- Self motivation
- Productive work ethic
- Interest in an art career

Expectations:

- produce original studio work rooted in a historical context
- Critique artwork
- Prepare portfolios with resumes
- Learn about art careers and post secondary education in the field

Career Pathway(s) Related to Content:
Arts and Communication

Course Title: **AP ART HISTORY**
Grade Level: 11, 12
Credit: 1 (and 3 or more semester hours of college credit with passing grade on final AP test)
Length: 2 Terms
Pre-requisite: **3.0 or higher GPA.**
Prior art classes not required

Course Description: This class will bring the past to life through the study of the artistic expressions of cultures past to present. Course work is designed to meet college standards. College credit can be earned by passing a final AP test. Credit can be applied to most college majors.

Skills Needed to be Successful:

- Good listening, reading, and writing skills
- Self-Motivation and strong work ethic
- Ability to work with a team
- Analytical thinking

Expectations:

- Meet required deadlines
- Research assigned topics
- Participate in critiques
- Prepare for AP Exam

Career Pathway(s) Related to Content:
All Careers

MARION HIGH SCHOOL CAREER ACADEMY

GRAPHIC & MEDIA COMMUNICATION

Program requirements for students in the Academy:

Pre-requisite: **Students must successfully complete Drawing and Computer Graphic Design (computer graphics) with a grade of “B” or better.**

SOPHOMORES/JUNIORS/SENIORS

Photoshop I : 1 Term with dual & articulated credit to Kirkwood

Photoshop II : 1 Term with dual and articulated credit

Layout & Design: 1 Term with dual & articulated credit to Kirkwood

Digital Drawing: 1 Term with dual & articulated credit to Kirkwood

Internship: 1 term. These hours may be arranged during the day, during the summer between the junior and senior year or in some cases, evenings and/or weekends. This course is for high school credit only.

Dual Credit courses provide both high school and college credit and will appear on both a high school and college transcript. The college credit will apply to specific programs at Kirkwood and will generally be transferable as elective credit to other colleges. **NOT** a guarantee.

Articulated credit courses provide high school credit.

If a student enrolls at Kirkwood Community College within one year of high school graduation and completes 12 semester hours of credit at Kirkwood, this credit will be placed on the students' college transcript and will apply to specific programs at Kirkwood.

If the student enrolls in a program at Kirkwood that does not require this course(s), the credit may apply as elective credit. Articulated credit courses are **NOT** designed to transfer to other colleges and there is **NO** assurance that they will transfer.

Students may be designated as full or part-time Academy students if they are unable to meet all the program requirements. Completion of the courses in the Graphic Communication Career Academy would qualify students to seek entry-level employment in the graphic design industry or pursue an education at Kirkwood or other post secondary educational institutions.

Course Title: **PHOTOSHOP I**
Grade Level: 10, 11, 12
Credit: ½ (3 sem hrs Kirkwood credit)
Length: 1 Term
Pre-Requisite: **Grade of “B” or above in
Drawing and Computer
Graphics**

Consideration: A grade of “B” or better in this course is required to enroll in Photoshop 2

Course Description: This course will offer experience with digital cameras and photo editing using PhotoShop. Techniques covered will include using layers, channels, special effects, filters, and scanning. Information about careers in digital imaging and web page design will be included.

Skills Needed to be Successful:

- Interest in photography and computers
- Ability to adapt to rapidly changing technology
- Ability to listen and follow directions
- Productive work ethic
- Creativity and imagination
- Good craftsmanship and attention to detail

Expectations:

- Create original digital images
- Demonstrate understanding of the principles of design and the elements of art
- Explore technological careers in the visual arts

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **PHOTOSHOP II**
Grade Level: 10, 11, 12
Credit: ½ (3 sem hrs Kirkwood credit)
Length: 1 Term
Pre-requisite: **A grade of “B” or above in
Photoshop 1**

Course Description: This course will offer students who are interested in careers in graphic design a chance for further exploration. Using PhotoShop as a production tool, students will merge and edit images, practice photo retouching, and create collages and photomontages for print and for the Web. Understanding RGB and CMYK color and mastering techniques necessary to ensure accurate color printing will be topics covered.

Skills Needed to be Successful:

- Interest in photography and computers
- Ability to adapt to rapidly changing technology
- Ability to follow directions
- Productive work ethic
- Creativity and imagination
- Willingness to explore and experiment

Expectations:

- Create original digital images using advanced techniques
- Explore creative uses of scanners and digital camera
- Explore technological careers in the visual arts.

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **LAYOUT & DESIGN**
Grade Level: 10, 11, 12
Credit: ½ (3 sem hrs Kirkwood credit)
Length: 1 Term

Pre-requisite: **Must have earned a “B” or above in Photoshop I.**

*** College credit and High school credit**

Considerations: Experience with computers and Technology is recommended but not required.

Course Description: This course provides an introduction to the elements and principles of design with an emphasis on technology. Graphic Design terminology and traditional Commercial Art techniques will be addressed. Layout and Design projects will be assigned using In Design to create advertising based documents. Emphasis is put on creative thinking and problem solving skills needed in the graphic arts. Careers in the graphic arts and portfolio preparation will be included.

Skills Needed to be Successful:

- Desire to create quality graphic art
- Ability to follow written and verbal directions
- Being a self-motivated independent learner
- Organizational skills
- Productive work ethic
- Willingness to work with people and be open to constructive criticism

Expectations:

- Identify elements and principles of design
- Understand terminology of layout and design principles
- Use the computer to create layout and design projects
- Demonstrate knowledge of graphic design materials and media

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **DIGITAL DRAWING**
Grade Level: 11, 12
Credit: ½ (3 sem hrs Kirkwood credit)
Length: 1 Term

Pre-requisite: **Must earn a “B” or above in Drawing and Computer Graphic Design (computer graphics).**

Course Description: This will cover the use of Adobe Illustrator in the design of fine art, advertising, and technical illustration. Through the use of industry-standard software, students will learn creative techniques of drawing, painting, transforming objects, working with type, and managing multi-layered projects. Desktop publishing, three dimensional design techniques, and airbrush effects will also be covered. Career exploration and portfolio preparation will be emphasized in this course.

Skills Needed to be Successful:

- Good listening and reading skills
- Ability to consistently meet deadlines
- Self motivation
- Understanding of art principles and elements
- Creative problem solving

Expectations:

- Meet required deadlines
- Maintain positive attitude and strong work ethic
- Demonstrate knowledge of graphic design media
- Communicate creative ideas through Illustrator software
- Create portfolio of projects

Career Pathway(s) Related to Content:
All career pathways

BUSINESS EDUCATION

Course Title: **ACCOUNTING 1, 2**
Grade Level: 10, 11, 12
Credit: 1
Length: 2 Terms

Considerations: **Completion of Accounting I & II will allow a student to articulate this course to Iowa community colleges.**

Course Description: Accounting is a course which provides background for a variety of career objectives. It offers beginning vocational preparation for a career in accounting, it provides a foundation for further study at the college level, and it prepares a student for related business fields in which a mastery of some accounting knowledge and skill is needed. The course teaches the fundamentals of summarizing business and financial transactions in books and verifying and reporting the results through the study and application of the principles of double-entry accounting. Projects and practice sets are prepared by the student. These activities draw together the various principles taught and strengthen the learning of accounting concepts and procedures. The complete accounting cycle will be covered in this course. A fee is assessed. A computerized accounting program will be introduced.

Skills Needed to be Successful:

- Problem solving
- Enjoying working with numbers
- Enjoying detailed work
- Enjoying working on a computer

Expectations:

- Analyze and record business transactions in appropriate journals and ledgers
- Interpret financial reports
- Learn to file a tax return for oneself
- Use payroll procedures to understand the paycheck
- Solve accounting problems using computer spreadsheets, accounting software, and a complete sets of accounting books

Career Pathway(s) Related to Content:
Business Management

Course Title: **LAW FOR BUSINESS AND PERSONAL USE 1 (formerly Business Law)**

Grade Level: 9, 10, 11, 12
Credit: 1/2
Length: 1 Term

Course Description: This class is designed to offer the student the opportunity to explore several different aspects of legal application as they study true situations that show how business law impacts business and people.

The student will explore the difference between human and civil rights and explore the legal system as it operates in Iowa. The course will then take the student through numerous business law applications and how it all applies to their everyday life. The student will understand how contracts are created, agency relationships, ownership of goods, and liability issues with goods.

This class will encourage the student to learn new legal concepts, analyze the effects of media including television and the press, legal issues, study cultural diversity in law, engage in thoughtful discussion of important legal issues, and give them helpful guidelines for dealing with the legal system as an individual, an employee, an entrepreneur and more.

Skills Needed to be Successful:

- Problem Solving
- Cooperation/Teamwork
- Time Management
- Productive Work Ethic

Expectations:

- Increase understanding of legal system
- Analyze court cases that apply to laws studied
- Increase legal vocabulary
- Identify careers associated with law

Career Pathway(s) Related to Content:
Business Management

Course Title: **LAW FOR BUSINESS AND PERSONAL USE 2 (formerly Business Law)**

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length: 1 Term

Pre-requisite: Law for Business and Personal Use I

Course Description: This course is designed to incorporate previous learning from Law for Business and Personal Use I and take their basic understanding of legal applications to the next level through the study of a variety of business and personal situations.

In this class the student will investigate on a more specific level some of the basics of the local, state and federal legal system and will explore various business situations, contracts, commercial paper, property, sales, the law of jobs and forms of business organizations, and borrowing money and paying bills.

The student will also explore ethics, cultural diversity and the media and its affect of business and legal applications. The student will be able to analyze ethical situations, legal situations and learn how to read case citations through real work case activities. There will be an emphasis on how these applications apply to minors as well as adults according to Iowa law, however, a global approach will also be introduced.

Skills Needed to be Successful:

- Problem Solving
- Cooperation/Teamwork
- Time Management
- Productive Work Ethic

Expectations:

- Increase understanding of legal system
- Analyze court cases that apply to laws studied
- Increase legal vocabulary
- Identify careers associated with law

Career Pathway(s) Related to Content:
Business Management

Course Title: **BUSINESS MANAGEMENT**

Grade Level: 9, 10

Credit: 1/2

Length: 1 Term

Course Description: Business Management will give students an understanding of what is necessary to manage a successful business, and the importance of business in a global economy. Topics covered will include forms of business ownership, financial management, human resource management, production, communications, and other managerial functions.

Skills Needed to be Successful:

- Desire to understand business activities that affect your life
- Learning from projects and activities

Expectations:

- Develop a personal savings plan
- Complete applications and interview for a first job
- Figure costs of owning a first car
- Develop a format for budgeting money
- List some types of business they might be interested in owning

Career Pathway(s) Related to Content:
Business Management

Course Title: **EXCEL/WORD/POWERPOINT 1**
Grade Level: 9, 10, 11, 12
Credit: 1/2
Length: 1 Term
Pre-requisite: Keyboarding skills helpful

NOTE: This course is an Articulated Course

Course Description: This course is designed to give the student a working knowledge of the Microsoft Word, PowerPoint, Excel, and Access programs. Through a number of activities the student will be able to proficiently create a Word document that will include tables, graphs, and the use of merging documents. The student will learn to create a PowerPoint presentation. They will learn the basics of slide building, slide transition, and special effects. The student will create a worksheet and workbook using Excel. They will learn how to format cells, use functions and formulas, create charts, and more. Finally, they will learn the basics of managing a database by using Access.

Skills Needed to be Successful:

- Productive work ethic
- Logical and analytical thinking
- Information processing skills
- Good communication skills

Expectations:

- Compose and print a variety of word processing documents
- Create and use a spreadsheet
- Develop a presentation
- Build and use a database

Career Pathway(s) Related to Content:
Business Management

Course Title: **EXCEL/WORD/POWERPOINT 2**
Grade Level: 10, 11, 12
Credit: 1/2
Length: 1 Term
Pre-requisite: Excel/Word/PowerPoint 1 must be completed with a "C" or better

NOTE: This course is a Dual Credit Course

Course Description: This course is designed for students who want to continue to enhance their skills using the four Microsoft Office applications (Word, PowerPoint, Excel, Access). The student will be expected to expand upon the skills that were introduced in their pre-requisite class and create more advanced spreadsheets, work documents, presentations, and databases.

Skills Needed to be Successful:

- Productive work ethic
- Logical and analytical thinking
- Information processing skills
- Good communication skills

Expectations:

- Compose and print a variety of advanced word processing documents
- Create and use an advanced spreadsheet
- Develop an advanced presentation
- Build and use an advanced database

Career Pathway(s) Related to Content
Business Management

Course Title: **JOB SEARCH**

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length: 1 Term

Course Description: Job Search will give students an opportunity to investigate and assess their own career exploration and receive information on individual career choices. Students will develop an awareness of what employers are asking for in the job market, how to research the job market and companies, write a resume, and how to improve interview techniques. Students will be using the Internet and Career Choices computer software in addition to the traditional research method. Going on a Job Shadow is optional.

Skills Needed to be Successful:

- Productive work ethic
- Thinking logically and analytically
- Making decisions
- Solving problems
- Working as a team member

Expectations:

- Demonstrate job seeking skills (math, reading, writing, computers, job application)
- Demonstrate job getting skills (positive work ethic, ability to adapt, cope and change, and to use and maintain tools and technologies)
- Demonstrate job keeping skills (communicate; prioritize time; gather, interpret, and evaluate information; identify the need for continued learning)
- Develop skills in teamwork, problem solving, self-management, customer service, finance, and communication.

Career Pathway(s) Related to Content:

- All Career Pathways

Course Title: **MARKETING**

Grade Level: 10, 11, 12

Credit: 1/2

Length: 1 Term

Course Description: The entertainment and sports industries are ones in which fans and companies spend billions of dollars each year. Through practical applications based in the entertainment and sports world this class will take the student on a step by step journey through the world of marketing. The student will learn the basic functions of marketing and how those functions are applied to sports and entertainment. The student will be introduced to marketing –Information Management, Financing, Pricing, Promotion, Product/Service Management, Distribution, and Selling which are the foundations of marketing. Students will have an opportunity to participate in discussions, group work and class projects.

Skills Needed to be Successful:

- Creativity
- Thinking logically
- Enjoy working with people
- Basic math

Expectations:

- Understand the American free enterprise system
- Understand and apply the four P's of Marketing: Product, Place, Price, Promotion
- Identify a variety of careers associated with Marketing
- Develop, design, and promote a product of service of the student's choosing

Career Pathway(s) Related to Content:

Business Management
Arts & Communication
Engineering & Industrial Tech
Family & Consumer Science

Course Title: **RECORDKEEPING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Pre-requisite: May not be taken if credit for Accounting has been received

Course Description: This course is designed to provide students with the training they will need in order to manage their personal finances. In addition, this class provides an introduction to the basic fundamentals of business record-keeping. The use of record-keeping projects provides cumulative applications of skills. The purchase of a workbook and practice set is required.

Skills Needed to be Successful:

- Productive work ethic
- Problem solving
- Decision making
- Analytical thinking
- Enjoy working with numbers
- Enjoy detailed work

Expectations:

- Analyze and record basic business transactions
- Use and balance a checkbook
- Understand the responsibilities of credit card use
- Understand how crediting can affect lifestyle
- Budgeting

Career Pathway(s) Related to Content:

Business Management
Family & Consumer Science

Course Title: **MOC INTERNSHIP**

Grade Level: 12

Credit: ½ credit per term

Length: minimum 2 terms

Considerations: Must commit to at least 2 terms of MOC class and complete the MOC application process. Students will be selected after they have gone through the application process, met with the instructor, and have approved employment. This class will be limited to approximately 25 students a semester.

Course Description: The class will meet on an every other day basis for 2 terms and is designed to offer the students the opportunity to learn the types of job seeking skills needed in the workplace. The student will also earn credit for their on the job experience where they will be evaluated through a collaborative effort between the employer and instructor. The student will be allowed early release on days class does not meet in order to work varying hours and allow the student to be evaluated by the instructor while at work in order to enhance the learning process. Students will learn job seeking and job keeping skills (teamwork, problem solving, job application, career exploration, workplace diversity, human relations, time management, listening and oral communication). The MOC program works with area business and industry and students are to work a minimum of 15 hours a week learning specific career related skills. The type of internship is based upon the student's career interests, abilities, and skills.

Skills Needed to be Successful:

- Excellent attendance
- Self Motivation
- Listening and Oral Communication
- Teamwork and Cooperation
- Time Management and Organization

Expectations:

- Learn teamwork and self-management skills
- Apply previous learning in a workplace setting
- Match interests, abilities, and skills to careers
- Develop job seeking skills as well as personal qualities valued by business
- Learn career specific skills
- Examine their own cultures in relation to workplace diversity

Career Pathway(s) Related to Content

All Career Pathways

English

Course Title: **English IA AND IB - GENERAL**
Grade Level: 9
Credit: ½ per term
Length: 1 Term 1A – 1 Term 1B
Considerations: **REQUIRED CLASS ***

Course Description: English 1A and 1B focus on the study of classical and contemporary adolescent literature selections while emphasizing skills development. The course is divided in practices and skills. Practices include note-taking, oral presentations, and literature-related writings. Skills include literary interpretation, study skills, library and research skills, and higher order thinking. Units in poetry and the newspaper are included. Ongoing activities include cooperative learning, vocabulary study, response writing, and instruction in grammar, usage, and punctuation.

Note: English IA is not a pre-requisite for English IB; they need not be taken sequentially.

Skills Needed to be Successful:

- Proficiency in reading and writing
- Willingness to discuss literary works

Expectations:

- Read both classical and contemporary literary
- Contribute frequently to discussion of the literature
- Write regularly on the literature
- Be familiar and comfortable with use of the computer for writing

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **English IA AND IB -ADVANCED**
Grade Level: 9
Credit: ½ per term
Length: 1 Term 1A - 1 Term 1B
Considerations: **REQUIRED CLASS ***

Course Description: English 1A and 1B Advanced focus on reading and skills developed through a survey of classical literature that is taught in historical context. Skills taught include higher order thinking skills, library and internet research, literary analysis, and study skills. Practices include note-taking, oral presentations, and literature-related writing. Ongoing activities include cooperative learning, large and small-group discussion of literature, and instruction in grammar and usage. This course is designed for students who are reading at or above grade level, and are college bound.

Note: English 1A is not a pre-requisite for English 1B; they need not be taken sequentially.

Skills Needed to be Successful:

- Proficiency in reading and writing at or above grade level
- Ability to contribute to discussion of classical literature.

Expectations:

- Read both classical and contemporary literary works
- Contribute frequently to discussion of the literature
- Write regularly on the literature
- Be familiar and comfortable with use of the computer and writing

Career Pathway(s) Related to Content:
All career Pathways

* either General or Advanced English I is required

Course Title: **SECOND CHANCE READING IA & IB**

Grade Level: 9

Credit: ½ per Term

Length: 1 Term IA and 1 Term IB

Considerations: **REQUIRED CLASS for identified students. This course does NOT fulfill English IA and IB requirements**

Course Description: 2nd Chance Reading is a course for freshmen students who need to improve their reading skills. Students will be selected on the basis of standardized test scores and teacher recommendation. Focus will be on reading skills developed through a survey of young adult fiction and biography. Practices include action reading strategies for deepening comprehension and fluency, and for engaging students with the texts. Ongoing activities include cooperative learning, “read aloud/think aloud” activities and, enactment techniques.

NOTE: Second Chance Reading 1A is not a prerequisite for Second Chance Reading IB. They need not be taken sequentially.

Skills Needed to be Successful:

- Basic reading and comprehension skills
- Contribute to discussion of literature

Expectations:

- Read contemporary young adult literature
- Contribute to discussion of literature and action strategies
- Participate in action strategies about literature
- Write about literature

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **ENGLISH II CS GENERAL**

Grade Level: 10

Credit: ½

Length: 1 Term

Considerations: **REQUIRED CLASS ***

Course Description: English II CS is a class designed to help students become more effective communicators. Students will investigate non-verbal communication, verbal communication, listening skills, group work, and be involved in a variety of speaking situations.

Skills Needed to be Successful:

- Critical listening
- Researching and organizing material
- Using spoken language
- Presenting effectively both verbally and non-verbally
- Work effectively in groups
- Critical thinking skills related to persuasion
- Using a variety of audio or visual aids
- Meeting deadlines

Expectations:

- Be willing to share information and express opinions verbally
- Work to improve oral presentation skills
- Be aware of communication situations
- Work on listening skills
- Work cooperatively with others

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **ENGLISH II CS ADVANCED**

Grade Level: 10

Credit: ½

Length: 1 Term

Considerations: **REQUIRED CLASS ***

Course Description: English II CS Advanced is a class designed to help students become more effective communicators. Students will investigate non-verbal communication, verbal communication, listening skills, group work, and be involved in a variety of speaking situations. Along with the basic speech assignments, advanced students will spend much of the term working in debate groups. This is an upper-level assignment utilizing research, analysis, persuasion and critical thinking skills to support a current topic.

Skills Needed to be Successful:

- Critical listening
- Researching and organizing material
- Using spoken language
- Presenting effectively both verbally and non- verbally
- Work effectively in groups
- Critical thinking skills related to persuasion
- Using a variety of audio or visual aids
- Meeting deadlines

Expectations:

- Be willing to share information and express opinions verbally
- Work to improve oral presentation skills
- Be aware of communication situations
- Work on listening skills
- Work cooperatively with others

Career Pathway(s) Related to Content:

All Career Pathways

* either General or Adv English II CS is required

Course Title: **ENGLISH II WRITING &
LITERATURE GENERAL**

Grade Level: 10

Credit: ½

Length: 1 Term

Considerations: **REQUIRED CLASS ***

Course Description: This course is designed to improve and develop students' skills in writing and literature. Compositions based on either required or student-selected topics will be written during the term. Correctness of expression, organization of material, and development of ideas are stressed in descriptive writing, analysis, narration, cause and effect, and comparison-contrast. The mechanics of writing, spelling, capitalization, and punctuation are stressed all term. Vocabulary building skills are also covered extensively throughout the term. Three novels and a variety of short stories will be read to develop sophomore literature skills.

Skills Needed to be Successful:

- Must be able to read and comprehend a variety of literary works
- Must write effective sentences, paragraphs, and themes
- Must be able to work cooperatively on a variety of assignments
- Must be able to analyze and respond to literature read
- Must be able to take clear, usable notes
- Must have basic word processing skills
- Must have basic punctuation and usage skills

Expectations:

- Writing a variety of themes, using description, narration, and exposition
- Become more proficient with word processing
- Read and analyze several novels
- Develop a wider vocabulary base
- Continue to develop their punctuation and usage skills

Career Pathway(s) Related to Content:

All Career Pathways

Course Title: **ENGLISH II WRITING & LITERATURE ADVANCED**

Grade Level: 10

Credit: ½

Length: 1 Term

Considerations: **REQUIRED COURSE ***

Course Description: The advanced sophomore writing class will concentrate on a variety of writing assignments in the areas of narration, description, exposition, and analysis. A great deal of reading will be expected for these students, including four novels, several short stories, and outside readings of the student's choice. Literary analysis is a major focus of the course. Spelling, vocabulary, usage, and correctness are covered extensively throughout the term.

Skills Needed to be Successful:

- Must be able to read and comprehend a variety of literary works
- Must be able to write effective sentences, paragraphs, and themes
- Must be able to work cooperatively on a variety of assignment
- Must be able to analyze and respond to literature read
- Must be able to take clear, usable notes
- Must have basic word processing skills
- Must have basic punctuation and usage skills

Expectations:

- Writing a variety of themes, using description, narration, persuasion, and exposition
- Become proficient with word processing
- Read and analyze three novels
- Develop a wider vocabulary base
- Continue to develop their punctuation and usage skills

Career Pathway(s) Related to Content:
All Career Pathways

* either General or Adv English II WR is required

Course Title: **AMERICAN LITERATURE I GEN**

Grade Level: 11

Credit: ½

Length: 1 Term

Prerequisite: English I and II

Considerations: **REQUIRED COURSE ***

Course Description: Using their historical context, this required course will focus on early American literature classics, studied through a variety of fiction, non-fiction, poetry, and drama. Integrating literature and composition will occur throughout the term, and ongoing practices will be cooperative activities, oral reports, note-taking, vocabulary, and instruction in grammar and usage.

Skills Needed to be Successful:

- The ability to read and comprehend
- The ability to respond in writing to the Literature covered
- Ability to take clear usable notes
- A basic literary vocabulary
- The ability to use word processing for class themes
- The ability to use word processing for class themes
- The ability to express learning through creative projects

Expectations:

- Read the major works of 19th and early 20th Century American authors
- Read and comprehend the required readings
- Participate cooperatively in small and large group discussions
- Take clear, usable notes for independent study
- Continue to develop vocabulary and usage skills

Career Pathway(s) Related to Content:
All Career Pathways

* either General or Adv American Lit is required

Course Title: **AMERICAN LITERATURE I ADV**
Grade Level: 11
Credit: ½
Length: 1 Term
Pre-requisite: English I and II
Considerations: **REQUIRED COURSE ***

Course Description: Designed for college-bound students, this required course will focus on early American literature classics studied in their historical context and through a variety of fiction, non-fiction, poetry, and drama. Integrating literature and composition will occur throughout the term, and ongoing practices will be cooperative activities, oral reports, note-taking, vocabulary, and instruction in grammar and usage. The Advanced sections will use college-bound reading selections at an accelerated pace.

Skills Needed to be Successful:

- The ability to read and comprehend American Literature
- The ability to respond to the literature covered
- Ability to take clear usable notes
- A wide vocabulary
- Proficiency in word processing
- The ability to express learning through creative projects
- The ability to work independently

Expectations:

- Read the major works of 19th and early 20th Century American authors
- Read and comprehend the required readings
- Participate cooperatively in small and large group discussions
- Take clear, usable notes for independent study
- Analyze a wide variety of American Literature

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **AMERICAN LITERATURE 2
General**
Grade Level: 11
Credit: ½
Length: 1 Term
Pre-requisite: English I and II
Considerations: **REQUIRED COURSE ***

Course Description: This required course will focus on contemporary American literature, studied through a variety of fiction, non-fiction, poetry, and drama. Integrating literature and composition will occur throughout the term, and ongoing practices will be cooperative activities, oral reports, note-taking, vocabulary, and instruction in grammar and usage.

Skills Needed to be Successful:

- Cooperative Learning Skills
- The ability to read and comprehend a variety of American Literature
- The ability to respond to what has been read
- The ability to take clear, usable notes
- A basic literary vocabulary
- The ability to express learning through creative projects
- Basic understanding of word processing

Expectations:

- Comprehend and analyze various pieces of literature
- Participate cooperatively in small and large group discussions
- Take clear usable notes for independent study
- Analyze and discuss (written and oral) elements of various literary pieces

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **AMERICAN LITERATURE 2
Advanced**

Grade Level: 11

Credit: ½

Length: 1 Term

Pre-requisite: English I and II

Considerations: **REQUIRED COURSE ***

Course Description: Designed for college bound students, this required course will focus on contemporary American literature, studied through a variety of fiction, non-fiction, poetry, and drama. Integrating literature and composition will occur throughout the term, and ongoing practices will be cooperative activities, oral reports, note-taking, vocabulary, and instruction in grammar and usage. The Advanced sections will use college bound reading selections at an accelerated pace.

Skills Needed to be Successful:

- Cooperative learning skill
- The ability to read and comprehend a variety of American Literature
- The ability to respond orally and in writing to a variety of literary works
- The ability to take clear, usable notes
- A wide vocabulary
- The ability to express learning through creative projects
- Proficiency at word processing

Expectations:

- Comprehend and analyze various pieces of literature
- Participate cooperatively in small and large group discussions
- Take clear usable notes for independent study
- Compose literary analyses of various American Literature writings

Career Pathway(s) Related to Content:

All Career Pathways

* either Gen or Adv American Lit 2 is required

Course Title: **BRITISH LITERATURE**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Considerations: **THIS COURSE DOES NOT
SATISFY**

REQUIRED ENGLISH CREDIT.

Course Description: British Literature is a course for college bound sophomores, juniors, and seniors, or other students who wish to broaden their background by reading the works of major British authors. These works will be taught in their historical context, and the integration of literature and composition will occur throughout the term. Ongoing practices will include cooperative learning activities, small and large-group discussion of the literature, and vocabulary study. Other activities will include historical and cultural studies, internet and library research, and project-based learning. Close reading skills will be developed in this course, as well as literary analysis skills needed in the required literature and humanities course in college.

Skills Needed to be Successful:

- Enjoy reading and writing
- Enjoy discussion of literary works
- Enjoy exploration of new ideas and historical eras

Expectations:

- Read literary works by British authors from 900 A.D. to the present
- Contribute frequently to discussion of the literature
- Write regularly on the literature
- Be familiar and comfortable with use of the computer for writing

Career Pathway(s) Related to Content:

All Career Pathways

**THIS COURSE MAY BE OFFERED EVERY OTHER
YEAR**

Course Title: **ADVANCED PLACEMENT ENGLISH I, II, III**
Grade Level: 12
Credit: ½ per Term
Length: 3 Terms recommended, but not required

Course Description: Advanced Placement English is a three-term course for the student who wishes to earn college credit while in high school. This course is designed for those who read and write well, and who wish to improve those skills. Ongoing practices will include small and large group discussion of the literature, study of literary history, literary research, and composition of critical essays. Upon successful completion of a national test, the AP student may earn college credit.

Skills Needed to be Successful:

- Enjoy reading and writing
- Enjoy discussion of literary works
- Score 75% or higher on reading/vocabulary section of ITED
- Welcome academic and intellectual challenge

Expectations:

- Read challenging literary works - novels, plays, short stories, and poetry
- Contribute frequently to discussion of the literature
- Compose frequent and regular essays on the literature
- Be familiar and comfortable with use of computer for writing

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **CREATIVE WRITING**
Grade Level: 10, 11, 12
Credit: ½
Length: 1 Term
Pre-Requisite: English I

Considerations: **THIS COURSE DOES NOT SATISFY REQUIRED ENGLISH CREDIT**

Course Description: The workshop-type course will allow students to compile a portfolio of personal writing (i.e. stories, poems, personal essays, etc.). Students must be willing to share their personal writings with other members of the class. Students will complete creative exercises, write short story narratives, amass a collection of poetry, construct a Me Book and choose from a variety of mediums to create an individual project.

Skills Needed to be Successful:

- Interest in personal writing
- A willingness to share writings with others
- Interest in creative expression through a variety of methods and genres
- Interest in improving writing skills

Expectations:

- Develop better understanding of the total writing process
- Improve writing proficiency
- Find mediums to express ideas and emotions to others
- Promote a positive atmosphere that facilitates creative self-expression
- Compile a portfolio of personal poetry and prose

Career Pathway(s) Related to Content:
Arts & Communication

THIS COURSE MAY BE OFFERED EVERY OTHER YEAR.

Course Title: **ENGLISH 4 DIRECTED READING**
Grade Level: 12
Credit: ½
Length: 1 Term

Consideration: **Required course for students scoring below 40% on ITED Reading Test as a junior**

THIS COURSE DOES NOT SATISFY REQUIRED ENGLISH CREDIT

Course Description: Students will work on grammar, punctuation, capitalization, vocabulary, and composition. Students will write a variety of themes, work on daily usage drills, and continue to develop their vocabulary. This course is aimed at those students who intend to go on to a community college or two-year institution. This course will benefit those taking the COMPASS PLACEMENT TEST at Kirkwood.

Skills Needed to be Successful:

- A basic foundation of reading and writing
- Must be able to work independently or cooperatively
- Must be able to take clear, usable notes
- Must be able to listen and comprehend

Expectations:

- Improve their grammar skills
- Improve their usage skills
- Develop a wider vocabulary base
- Improve their theme and writing skills

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **ENGLISH IV GENERAL I & 2**
Grade Level: 12
Credit: ½ per course
Length: 1 Term each
Considerations: REQUIRED COURSE

Course Description: This course is designed for those students who feel the need to better prepare their communication skills and **are not intending to go to a four-year college**. This course is not meant for any students who have been taking (or should have been taking) Advanced English courses. Students will study and practice a variety of writing styles, improve and develop confidence in their own writing, and read and analyze contemporary literature. Students will also study print, visual, and auditory media through a variety of written and oral activities and projects. Research projects will involve career paths and mass media topics.

Skills Needed to be Successful:

- Must have a basic foundation of reading and writing skills
- Must be word processor proficient
- Must be able to work independently and or cooperatively
- Must have a effective note-taking skills
- Must be able to analyze, interpret, and respond to a variety of sources

Expectations:

- Study and practice using a variety of writing styles
- Analyze short stories and essays
- Respond to a variety of professional and peer writings
- Complete a formal research paper
- Learn to read and compose technical writing
- Continue to develop their punctuation, usage, and vocabulary skills

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **ENGLISH IV ADVANCED 1 & 2**
Grade Level: 12
Credit: ½ per course
Length: 1 Term each
Considerations: **REQUIRED COURSE**

Course Description: Designed for college bound students, this course will focus on the structure and content of theme writing. Students will study and practice a variety of writing styles, while reading and analyzing short stories and essays as a means of improving and developing confidence in their own writing. Weekly summaries will be incorporated and students will complete and informative research paper. This class is for students attending a 4 year college, whether you have previously been taking Advanced or General classes.

Skills Needed to be Successful:

- The ability to think and work independently
- The ability to use cooperative learning strategies
- Must be able to take clear, usable notes
- Must be able to analyze literary materials
- Must have the ability to express personal view points effectively
- Must have a sound foundation in the areas of study skills and research skills

Expectations:

- Compose a variety of assigned essays
- Analyze and respond to a variety of literary works
- Study a college-level vocabulary
- Complete an informative research paper with correct documentation
- Complete a portfolio of their works compiled during the term.

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **ENGLISH JOURNALISM**
Grade Level: 11, 12
Credit: ½
Length: 1 Term

Course Description: The journalism class is responsible for writing, editing, and publishing the high school yearbook and six issues of the high school newspaper. During the class, students will report and write news stories, feature stories, interviews, sports articles, editorials, captions, headlines, and news briefs. Students will also develop and write an editorial policy for both the newspaper and yearbook. Students are responsible for writing at least three drafts of each article and editing for correctness (capitalization, punctuation, grammar, usage, etc.) both his/her own and other students' work. Students will also be responsible for all photography of school activities, classes, and events, and for all computer layout of the newspaper and yearbook.

Skills Needed to be Successful:

- Must have above average reading and writing skills
- Must have excellent editing and revising skills
- Must be proficient in computer programs for page layout/design and word processing
- Must be able to work independently and creatively
- Must be able to meet deadlines
- Must have interviewing and questioning skills
- Must have effective note-taking skills

Expectations:

- Practice using a variety of writing styles – feature, straight news, sports
- Meet all required deadlines
- Assume responsibility of out-of-school photography assignments
- Sell advertising for journalism revenue
- Write, edit, and revise articles for the six issues of the newspaper and the yearbook
- Check all articles and captions for correctness

Career Pathway(s) Related to Content:

Course Title: **INDIVIDUALIZED READING**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Pre-requisite: English I

Course Description: This course is designed to meet the needs of those students who have a love of reading. Students will read classic and/or contemporary books with guidance from instructor as needed. Students will reflect on their reading through oral conferences and a variety of written papers and projects. This course will enhance the student reading vocabulary, comprehension, and speed.

Skills Needed to be Successful:

- Enjoy reading and writing
- Enjoy discussion of literary works

Expectations:

- Read a large number of books
- Write regularly on the reading
- Contribute to discussions on the reading

Career Pathway(s) Related to Content:

All Career Pathways

FAMILY AND CONSUMER SCIENCE

Students are encouraged to enroll in these courses regardless of gender.

Course Title: **TEEN INSIGHTS**

Grade Level: 9, 10, 11

Credit: ½

Length: 1 Term

Considerations: **THIS COURSE IS REQUIRED FOR GRADUATION AND TO MEET STATE STANDARDS**

Course Description: What can teens do to make life less stressful now as well as prepare themselves for the workplace and responsibilities of adulthood? Teen Insights is designed to help 9th and 10th grade students make life more rewarding and enjoyable by focusing on skills needed to make the most of school, home, activities, social life, and eventually career, marriage, and parenting. Topics included in the course are skills for the workplace, values and goals, decision making, communication, conflict resolution, relationships, human sexuality, parenting, and consumer education.

Skills Needed to be Successful:

- Cooperative group learning skills
- Good interpersonal communication skills
- Personal responsibility for behavior and assignments
- Setting priorities and good time management

Expectations:

- Follow classroom procedures for homework, assignments, projects and hands-on activities
- Use cooperative group learning skills to take part in discussions, complete activities and research and present projects
- Create projects that reflect management skills learned in the class
- Write written reactions and responses to guest speakers, videos, group activities and simulations
- Develop open-mindedness and respect for sensitive issues

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **LIFE DESIGN (New Curriculum)**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Course Description: Life Design has new and improved modules to experience and enhance learning. The course will cover topics including culinary arts, textiles and apparel, virtual makeover, home maintenance, child development, nutrition and wellness, hospitality and tourism. Life Design offers hands on activities, interacting multimedia, and entertaining approach to learning. Each module contains fifteen activities which include ten primary and five enrichment activities. The combination of these self-directed modules, organized group activities and individual student projects prepares you for the real life.

Skills Needed to be Successful:

- Hands on activities
- Math, science, writing, problem solving components
- Use of technological equipment
- Consumerism
- Resource/time management
- Decision making skills
- Interpersonal skill development
- Good team work

Expectations:

- Follow modules three day lesson plans with pre-test, vocabulary, and post-test
- Self-motivated and self-directed
- Portfolio/Notebook for each unit kept up to date
- Participate fully in group activities and projects
- Complete follow-up in group activities for guest speakers and videos
- Personal responsibilities for behaviors and materials

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **FOODS I**
Grade Level: 9, 10, 11, 12
Credit: ½
Length: 1 Term

Considerations: Credits may be earned toward an apprentice cook diploma or restaurant management and culinary arts degree through an articulation agreement with Kirkwood.

Course Description: Are you interested in a recipe for success? Here is a course that will benefit you for the rest of your life and may spark an interest in one of the fastest growing fields of employment, the food service industry. Foods & Nutrition is an introductory course that explores many different aspects of food. Basic food preparation principles and techniques are taught as well as food safety and sanitation, meal planning and use of food-related equipment and consumer information. Nutrition topics emphasized include the relationship between nutrition and health, weight control, eating disorders and guidelines for making healthy food choices. Computer analysis of student food intake is utilized.

Skills Needed to be Successful:

- Time management
- Cooperation/working well with others
- Good work habits
- Personal responsibility for behavior and assignments

Expectations:

- Know cooking terms and tools, sanitation and safety guidelines
- Work in teams to prepare individual recipes
- Develop lab skills that best utilize time and resources
- Complete group and individual projects
- Analyze and suggest improvements for own food intake

Career Pathway(s) Related to Content:

Family and Human Services
Health Sciences
Ag Science & Natural Resources

Course Title: **CREATIVE FOODS**
Grade Level: 9, 10, 11, 12
Credit: ½
Length: 1 Term
Pre-requisite: Must have passed Foods I

Considerations: Post-Secondary credit available at Kirkwood with completion of Foods & Nutrition, Creative Foods, and Culinary Delights.

Course Description: Creative Foods not only stresses healthy eating, but challenges students to be creative as well as careful about what they eat. This course is designed to offer a wide variety of food-related experiences to students with a high interest in nutrition, health, and food preparation. Food and Nutrition courses pave the way to career exploration in the dynamic and opportunity laden food industry.

Skills Needed to be Successful:

- Productive work ethic
- Taking responsibility for personal actions
- Working with others
- Communicating effectively
- Processing information

Expectations:

- Understand cooking terms and their application to achieve best results in food preparation
- Develop management techniques which will conserve time, energy, money, and food resources
- Know important nutrient sources and how to preserve these nutrients during cooking and storage
- Work cooperatively within a lab team to prepare individual recipes and a meal

Career Pathway(s) Related to Content:

Family & Consumer Science
Health Sciences
AgriScience & Natural Resources

Course Title: **CULINARY DELIGHTS**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Pre-requisite: Foods I and Creative Foods

Considerations: Credits may be earned toward an apprentice cook diploma or restaurant management and culinary arts degree through an articulation agreement with Kirkwood

Course Description: Culinary Delights provides the opportunity for an in-depth study of food preparation as well as regional and international cuisine. Kitchen planning, tableware selection and entertaining units provide students with future consumer decision making skills. A historical overview of the development of regional and international cuisine based on the climate, geography, settlement and culture is examined and regional and ethnic menus are prepared. Students become aware of cultural influences on consumer demand in the food service industry.

Skills Needed to be Successful:

- Good work ethic
- Acceptance of cultural diversity
- Team skills in lab situation
- Good use of time

Expectations:

- Utilize skills from prerequisite foods courses to prepare appetizing and appealing foods
- Recognize factors that influence consumer decisions regarding planning and equipping a kitchen
- Develop a working knowledge and appreciation of the development of regional and ethnic food habits
- Research and share food related career projects with the class

Career Pathway(s) Related to Content:

Agri-Science & Natural Resources
Business Management and Marketing
Family & Consumer Sciences
Health Sciences

Course Title: **TRENDS IN FASHION**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Course Description: Do you enjoy working with fabrics? Or keeping up with the latest clothing styles? Do you like to sew? If you have any of these interests or skills you should consider taking Trends in Fashion. Students can expect to practice basic clothing construction techniques. The school-sewing lab is a good place to learn to sew. Other topics included are sewing equipment use and care, grooming tips, fashion know-how, and use of color and design in clothing, wardrobe planning, and consumer issues. Students will need to purchase their own supplies for sewing projects.

Projects include making pillows, stuffed animals, tie blankets and selection of personal projects.

Skills Needed to be Successful:

- Communicating effectively
- Productive work ethic
- Technical reading
- Time management
- Taking responsibility for personal actions
- Working with others

Expectations:

- To purchase fabric, notions and pattern for two-three projects
- Operate sewing machine in a safe and productive manner
- Read and interpret pattern guide sheets and instructions
- Manage resources including new materials and equipment to achieve desired results

Career Pathway(s) Related to Content:

Family & Consumer Science
Business Management

Course Title: **FASHION SELECTION**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Pre- requisite: Must have passed Trends in Fashion

Course Description: Fashion Selection offers students an opportunity to explore and expand their knowledge of clothing for themselves and others. Students can expect to master basic clothing construction techniques and move on to more advanced sewing and craft projects. History, personal needs, fashion design, fabrics, fabric care, consumer aspects, and issues in the fashion industry will form the framework for the non-sewing portion of the course. Students will need to purchase their own sewing supplies for the sewing projects.

Skills Needed to be Successful:

- Communicating effectively
- Productive work ethic
- Technical reading
- Time management
- Taking responsibility for personal actions
- Working with others

Expectations:

- To purchase fabric, notions, and pattern for two-three projects
- Complete three or four projects
- Operate sewing machine and Serger in a safe and productive manner
- Read and interpret pattern guide sheets and instructions
- Present a historical research report
- Show how to identify fabrics and fabric performance characteristics
- Develop a personal wardrobe plan

Career Pathway(s) Related to Content:
Family & Consumer Science
Business Management

Course Title: **CHILD DEVELOPMENT**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Considerations: Post-Secondary credit available at Kirkwood with completion of Child Development and Occupational Child Care.

Course Description: Everyday you see the most important skill in action – parenting. These involve the ability to support, guide, and protect children so they grow into happy, healthy adults. The purpose of this course is to explore the social, physical, emotional and intellectual development of young children. It is helpful when interacting with children if you know what to expect of them at different ages and stages. Activities include: our own “Playschool” with children from the community, observing children, guest speakers, reading, and discussing current issues in child development.

Skills Needed to be Successful:

- Work as part of a team
- Listening
- Work ethic
- Demonstrating patience

Expectations:

- Examine parenting responsibilities
- Describe physical, social, emotional & intellectual development of children from birth to five
- Use appropriate and effective methods of guidance
- Demonstrate age appropriate activities and play

Career Pathway(s) Related to Content:
Family & Consumer Sciences
Health Sciences

Course Title: **OCCUPATIONAL CHILD CARE 1 & 2**

Grade Level: 11, 12

Credit: ½ per Term

Length: 2 Terms

Pre-requisite: Child Development

Considerations: Post-Secondary credit available at Kirkwood with completion of Child Development and Occupational Child Care.

Course Description: The OCC course builds on student's previous knowledge of growth and development, teaches basic childcare duties and responsibilities, and stresses the planning of age-appropriate activities. Students become certified in CPR & First Aid and complete training for mandatory child abuse reporters. Students will receive "hands-on" experience at local preschools, licensed day cares, and elementary schools. They will work approximately five hours a week with children, ages 6 weeks through school age. Upon completion of OCC, the students will receive a "Certificate of Competency" in which they could enter the job market in a child care related occupation and/or use the skills when they become a parent. This is a good background course for any early childhood career, elementary teacher, and nanny. Other related professional workers are pediatricians, speech therapists, nurse, and school psychologist.

Skills Needed to be Successful:

- Interacting with others
- Work ethic
- Demonstrating dependable
- Being punctual
- On the job training

Expectations:

- Identify personal qualities needed when working with children
- Identify elements of physical, social, emotional, and intellectual development of children
- Use appropriate and effective methods of guidance
- Demonstrate age-appropriate activities for children
- Interact with children at work site
- Complete CPR, First Aid, and Child Abuse Reporting Training

Career Pathway(s) Related to Content:

Family & Consumer Science Health Sciences

Course Title: **FOOD SCIENCE**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Pre-requisite: Foods I

Course Description: Food Science is a new perspective of food and new appreciation for food. In food science course the student will use the scientific method to study the biological and chemical basis for nutrition and food preparation, preservation, and processing. The course will explore issues related to food science; such as food supply, preserving the environment, social changes and technological advances.

Skills Needed to be Successful:

- Observe, measure, question, and hypothesize
- Classify, control variables
- Analyze and explain technical and scientific information
- Use scientific equipment

Expectations:

- Explain the importance of the universality of scientific vocabulary
- Explain the strengths and limitations of science and its impact on world history
- Be in class
- Complete daily work assignments
- Complete lab write ups
- Use vocabulary terms, quizzes, and chapter tests for evaluation

Career Pathway(s) Related to Content:

WORLD LANGUAGE

Learning a foreign language can open a new world for you. Studies show that knowing another language can be very useful in career enhancement. It can mean a higher starting salary, faster job advancement and higher job satisfaction. These courses focus on learning how to speak, read, listen and write in another language. They are designed to provide you with knowledge and experiences which will last a lifetime. Travel is an optional part of our program. Trips are open to those who are enrolled or have completed Level II.

Course Title: **French I, II, III, IV, Adv French**

Credit: ½ per term

Length: 2 Terms per level

Pre-requisite: Earn 70% grade or above to advance to next level

Skills Needed to be Successful:

- Ability to work in pairs and small groups
- Interest in learning new vocabulary and grammar
- Willingness to communicate with others from a foreign country using technology
- Willingness to explore other cultures
- Ability to speak in the target language in front of the class
- Ability to retain prior knowledge through the higher levels.

Expectations:

- Be motivated and responsible for your own learning
- Move towards written and spoken fluency in the target language
- Continue to explore new cultures

Career Pathway(s) Related to Content

Business, Arts and Communication, Family and Consumer Science, Sales, Education, Services

FRENCH I

This course is an introduction to French language and culture. Emphasis is placed on listening and speaking skills. You will learn to talk about yourself, your family, school and leisure activities. You will practice your language skills through pair work, role plays, games, songs, and written assignments. Class is conducted mostly in French. You will learn about various aspects of French culture such as holidays, traditions, cuisine, and films.

FRENCH II

This course is a continuation of French I with added emphasis on reading and writing. You will learn practical vocabulary about food and restaurants, train and plane travel. You will expand your knowledge of cultural practices through holiday celebrations, cooking, songs, and films.

Completing two years of the same foreign language fulfills all entry requirements for Liberal Arts at the University of Iowa and the College of Sciences and Humanities at Iowa State University.

FRENCH III

In this course you will increase your speaking, listening, reading, and writing skills in French. You will learn to talk about events in the past, as well as learn vocabulary about sports, health, clothing, and daily routines. You will continue to explore the French culture through music, films, cooking, holidays, and current events. Projects include: a fashion show, TV advertisement, and creation of a new sport.

Successful completion of three years of the same foreign language satisfies the graduation requirement at Iowa State University.

FRENCH IV

In this course you will improve your written and oral fluency in preparation for continued study of French at the university level. You will learn about French hotels and banks, in addition to completing an extensive unit on the French influence in New Orleans. In addition to learning additional verb tenses, you will be responsible for teaching a vocabulary unit to the class in French.

Successful completion of four years of the same foreign language fulfills the graduation requirement at the University of Iowa.

Course Title: **SPANISH I, II, III, IV**
Credit: ½ per term
Length: 2 Terms per level
Pre- requisite: Earn 70% grade or above to advance to next level

Skills Needed to be Successful:

- Ability to work in pairs and small groups
- Interest in learning new vocabulary and grammar
- Willingness to communicate with others from a foreign country using technology
- Willingness to explore other cultures
- Ability to speak in the target language in front of the class
- Ability to retain prior knowledge through the higher levels.

Expectations:

- Be motivated and responsible for your own learning
- Move towards written and spoken fluency in the target language
- Continue to explore new cultures

Career Pathway(s) Related Content:

Business, Arts and Communication, Family and Consumer Science, Sales, Education, Services

SPANISH I

The aim of Spanish I is to open the door to a new language. The objectives of the first year are to become acquainted with common vocabulary and sentence structures, to understand simple Spanish when spoken, and to realize that we are a part of a global society. Pair and group work are used along with a variety of activities, including games, rhythms, raps and music to help the students understand, remember the material and to become more familiar with Spanish-speakers' way of life.

SPANISH II

This is a continuation of Spanish I with even more emphasis on speaking in the target language. Reading and writing skills are also developed, in addition to listening to Spanish spoken daily. A variety of materials and activities are incorporated, including pair work, group and individual projects, vocabulary games, music and videos. Spanish II also offers a closer look at the culture of Spanish-speaking countries and people.

SPANISH III

This is an intensified study of Spanish culture. In this course, students work towards higher levels of reading, writing, speaking and listening skills. Pair and group work activities, along with videos and music are used.

SPANISH IV

This course is a continuation of Spanish III with an increased emphasis on oral proficiency. Cultural awareness and understanding is heightened, while reading, writing, and listening skills are also refined. Pair and group work, projects, vocabulary games, music and videos continue to enhance the variety of student-centered activities included. Spanish IV prepares students for college level study and a future career incorporating the Spanish language.

Course Title: **EXPLORATORY
FRENCH and SPANISH**

Grade Level: 9

Credit: ½

Length: 1 Term

Course Description: This course explores what a foreign language is and what skills are necessary to successfully learn a language. You will learn about the origins of the English language, and the influences that French and Spanish have had upon it. The first half of the term is devoted to learning the alphabet, numbers, colors, greetings, and school items in Spanish. You will also explore Spanish history and culture. The second half of the term will be devoted to similar topics in French.

This course counts as an elective. It does not satisfy college language requirements.

Skills Needed to be Successful:

- Ability to work in pairs and small groups
- Interest in learning new vocabulary
- Willingness to explore other cultures
- Willingness to speak in front of others
- Discipline to complete homework on a daily basis.
-

Career Pathway(s) Related to Content:
All Career Pathways

INDUSTRIAL TECHNOLOGY EDUCATION

Students are encouraged to enroll in these courses regardless of gender.

Course Title: **WOOD TECH 1**
Grade Level: 9, 10, 11, 12
Credit: ½
Length: 1 Term

Considerations: All projects beyond \$10.00 will carry an additional charge financed by the student.

Project: Wood Tech I students will make a foot stool.

Course Description: This course is to provide practical application of the basic woodworking principles to build your own furniture, find a job in the woodworking industry, or simply provide you with a hobby for future years. This course will concentrate on the lumbering industry, wood identification and use as well as basic furniture and cabinet industry, wood identification and use as well as basic furniture and cabinet construction. Beginning level knowledge in the use and application of machine tools will also be a part of this course.

Skills Needed to be Successful:

- Thinking and reasoning to solve problems
- Reading
- Listening
- Ability to follow instructions
- Working individually and in groups
- Basic math
- Technical reading skills

Expectations:

- Demonstrate safe work habits necessary for a woodworking environment
- Develop an understanding of the woodworking industry and processes
- Construct required projects while demonstrating proper use of equipment
- Develop cooperative work skills
- Pass final exam

Career Pathway(s) Related to Content:
Engineering & Industrial Tech

Course Title: **WOOD TECH 2**
Grade Level: 9, 10, 11, 12
Credit: ½
Length: 1 Term

Pre-requisite: Minimum grade of "C" in Wood Tech I and pass safety final in Wood Tech I

Considerations: All projects beyond \$10.00 will carry an additional charge financed by the student.

Project: Wood Tech 2 students will make a bread box.

Course Description: Wood Tech II is a more detailed study of the knowledge gained in Wood Tech I. This course will concentrate on a required project followed by a student chosen project if time allows. Emphasis of this course will be to reinforce the knowledge from Wood Tech I as well as further the students' knowledge in more advanced woodworking techniques.

Skills Needed to be Successful:

- Thinking and reasoning to solve problems
- Reading
- Listening
- Ability to follow instructions
- Working individually and in groups
- Basic math
- Technical reading skills

Expectations:

- Demonstrate safe work habits necessary for a woodworking environment
- Further develop their understanding of the woodworking industry and processes
- Construct required projects while demonstrating proper use of equipment
- Develop cooperative work skills
- Develop and interpret advanced woodworking plans
- Develop design and cost estimating skills
- Pass final exam

Career Pathway(s) Related to Content:
Engineering & Industrial Tech

Course Title: **WOOD TECH 3**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Pre-requisite: Wood Tech I & Wood Tech II
Minimum grade of "C" in Wood Tech II and pass safety final

Considerations: All projects beyond \$10.00 will carry an additional charge financed by the student. High level of interest in woodworking and ability to work independently should guide your decisions to enroll in this course.

Project: Wood Tech 3 students will make individual projects.

Course Description: Wood Tech III is a more detailed study of the knowledge gained in Wood Tech I & II. Advanced joining and construction methods as well as drawer, door, jog and fixture construction will be encouraged. Students will be required to design, plan and construct a project challenging their woodworking ability.

Skills Needed to be Successful:

- Thinking and reasoning to solve problems
- Reading
- Listening
- Ability to follow instructions
- Working individually and in groups
- Basic math
- Technical reading skills

Expectations:

- Demonstrate safe work habits necessary for woodworking environment
- Further develop their understanding of the woodworking industry and processes
- Construct projects while demonstrating proper use of equipment
- Develop cooperative work skills
- Develop and interpret advanced woodworking plans
- Further develop design and cost estimating skills

Career Pathway(s) Related to Content:

Engineering & Industrial Tech

Course Title: **METALWORKING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Considerations: All projects beyond \$10.00 will carry an additional charge financed by the student.

Project: Metalworking students will make a variety of projects.

Course Description: This course is intended to provide practical application of metalworking practices through a variety of exercises. Modern manufacturing processes and the technology involved in these areas will be covered, as equipment becomes available. Small projects will be constructed in most areas.

Skills Needed to be Successful:

- Thinking and reasoning to solve problems
- Reading
- Listening
- Ability to follow instructions
- Working individually and in groups
- Basic math
- Technical reading skills

Expectations:

- Demonstrate safe work habits necessary for a metalworking environment
- Develop an understanding of the metalworking industry and processes
- Develop cooperative work skills
- Construct projects while demonstrating proper use of equipment in the following areas: oxy-acetylene welding and cutting, welding, foundry, forging, bench metal and sheet metal planning and fabrication

Career Pathway(s) Related to Content:

Engineering & Industrial Tech

Course Title: **MECHANICAL DRAWING**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Course Description: This course is to provide practical application of drafting practices through work on the drafting board. This course will concentrate on developing fundamental concepts in lettering, measurements, pictorial drawings, multi-view drawings and dimensioning and an introduction to CAD I.

Skills Needed to be Successful:

- Thinking and reasoning to solve problems
- Reading
- Listening
- Working individually and in groups
- Good work ethic

Expectations:

- Develop drafting skills
- Develop visualization skills
- Read and draw various types of drawings

Career Pathway(s) Related to Content:
Engineering & Industrial Tech

Course Title: **CAD 1**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Considerations: Highly recommended for the future engineer, architect, graphic illustrator, educator, or industrial related career.

Course Description: This course will apply drafting techniques through the use of a computer aided drafting (CAD) system. Students will gain sufficient skill completing various types of drawings using CAD.

Skills Needed to be Successful:

- Must like to work on the computer
- Working individually

Expectations:

- Develop CAD computer skills
- Develop visualization skills
- Read and draw various types of drawings

Career Pathway(s) Related to Content:
Engineering & Industrial Tech

Course Title: **CAD 2**
Grade Level: 9, 10, 11, 12
Credit: ½
Length: 1 Term
Pre-requisite: Completion of CAD I

Course Description: This course will be a further in-depth study of Mechanical Drawing and CAD I. More technical areas will be covered such as sections, auxiliary views, threads and fasteners, working drawings and advanced CAD functions. Drafting techniques will be primarily applied using the CAD software along with some freehand drawing and sketching.

- Skills Needed to be Successful:
- Thinking and reasoning to solve problems
 - Develop visualization skills
 - Working individually and in groups
 - Good work ethic
 - Creativity

- Expectations:
- Develop drafting skills
 - Develop visualization skills
 - Demonstrate CAD skills
 - Interpret and draw various type of drawings

Career Pathway(s) Related to Content:
Engineering & Industrial Tech

Course Title: **ARCHITECTURAL DRAFTING**
Grade Level: 10, 11, 12
Credit: ½
Length: 1 Term

Course Description: Students will design and develop basic floor plans for a residential house. Work will be done on the drawing board and as well as on CAD.

- Skills Needed to be Successful:
- Being creative
 - Use time wisely
 - Developing and evaluating ideas

- Expectations:
- Complete various types of drawings
 - Demonstrate drafting and CAD skills
 - Apply knowledge of building materials to residential structures and designs
 - Demonstrate use of building codes

Career Pathway(s) Related to Content:
Engineering & Industrial Tech
Business Management

Course Title: **HOME IMPROVEMENT**

Grade Level: 9, 10, 11, 12

Credit: 1/2

Length: 1 Term

Course Description: Students will gain experience in home repair and maintenance as well as explore the methods of construction. Emphasis will be placed on studying methods of construction to aid in knowledge of repair. This is a good background course for any construction related career.

Skills Needed to be Successful:

- Working individually and in groups
- Reading, writing, and measuring
- Organize materials

Expectations:

Students will:

- Demonstrate construction basics
- Explain how the construction industry affects everyday life
- Organize the tasks to complete a job
- Demonstrate writing skills completing assignments

Career Pathway(s) Related to Content:

Engineering/Industrial Technological Sciences,
Architecture and Construction

Course Title: **BUILDING TRADES**

Grade Level: 12

Credit: ½ Per Block

Length: Full Year (5 Blocks)

Pre- requisite: Although there are no requirements, previous courses taken in the Industrial Tech area will be of great benefit and will be given consideration in the student selection of class.

Considerations: Limited enrollment as this is a shared class with Linn-Mar. Must provide transportation to off campus site. Juniors may sign up for class but seniors will have priority.

Course Description: Marion and Linn-Mar students will construct a full size residential house. The course will cover all trade skills needed to complete house.

Skills Needed to be Successful:

- Good attendance as this is an activity based class
- Work as a team
- Be motivated to learn and practice construction skills
- Good work ethic
- Be on time

Expectations:

- Learn those skills needed to build a house
- Be able to follow instructions
- Practice teamwork in doing tasks
- Develop competent skills in the construction trade areas

Career Pathway(s) Related to Content:

Engineering & Industrial Tech

Math sequence

MATHEMATICS

NOTE TO PARENTS/STUDENTS:

STUDENTS ARE ENCOURAGED **NOT** TO HAVE A SIGNIFICANT TIME PERIOD (MORE THAN 2 TERMS) BETWEEN SEQUENTIAL MATH COURSES.

Course Title: **Pre-Integrated Algebra/Geometry**
Grade Level: 9, 10, 11
Credit: 1
Length: 2 Terms

Pre-Requisite: Students must recommendation from 8th grade or high school math teacher.

Course Description: This course will focus on basic math skills using a problem solving project approach. This class will prepare students to be successful in Integrated Algebra/Geometry I.

Skills Needed to be Successful:

- A willingness to learn basic math
- A good attitude

Expectations:

- Attend class regularly
- Complete all investigations and assignments
- Take daily notes over lecture material
- Learn to add, subtract, multiply and divide whole numbers, fractions and decimals without a calculator
- Solve one and two-step problem solving techniques
- Solve proportions
- Work with percents
- Use basic measurement to calculate perimeter and area

Career Pathway(s) Related to Content:

Health Sciences
Engineering & Industrial Tech
Business Management

Course Title: **Integrated Algebra/Geometry I**

Grade Level: 9, 10, 11, 12

Credit: 1.5

Length: **3 Terms**

Pre-requisite: C- average or better in Pre-Integrated Algebra/Geometry or recommendation from 8th grade math teacher.

NOTE: This course is a 3 term course to be taken in the same year.

Course Description: Integrated Algebra/Geometry I builds upon the theme of mathematics as sense-making. Investigations of real contexts lead to discovery of important mathematics that make sense to students and, in turn, enable them to make sense out of new situations and problems. This course features multiple ideas from four strands: algebra and functions, geometry and trigonometry, statistics and probability, and discrete mathematics. These strands are unified by fundamental themes, by common topics, and by habits of mind or ways of thinking. Units of study include: Patterns in Data; Patterns of Change; Linear Models; Graph Models; Patterns in Space and Visualization; Exponential Models; and Simulation Models

Skills Needed to be Successful:

- Problem solving
- Organization
- Add, Subtract, Multiply, and Divide whole numbers, decimals, and fractions without a calculator
- Reading and writing

Expectations:

- Attend class regularly
- Complete all investigations and assignments
- Maintain a toolkit (vocabulary, formulas, etc) to use throughout the math curriculum
- Use and apply data analysis techniques
- Communicate mathematics through written and oral presentations
- Work with others in a team setting

Career Pathway(s) Related to Content:

All Career Pathways

Course Title: **Integrated Algebra/Geometry Accelerated**

Grade Level: 9

Credit: ½

Length: 1 Term

Pre-requisite: Students must have recommendation from 8th grade math teacher.

Course Description: This course allows students whose math background is excellent to by-pass Integrated Algebra/Geometry I. The students will learn to function at a high level in: group work, writing, and solving problems many different ways. The content will be discrete mathematics, statistics, and patterns in space visualization. Algebra topics and skills will be reviewed on a daily basis. At the conclusion of the course the student is accelerated to Integrated Algebra/Geometry 2 as long as student earns a 'B' or better.

Skills Needed to be Successful:

- Problem Solving
- Organization
- Add, Subtract, Multiply, and Divide whole numbers, decimals, and fractions without a calculator
- Reading and writing

Expectations:

- Attend class regularly
- Complete all investigations and assignments
- Maintain a toolkit (vocabulary, formulas, etc) to use throughout the math curriculum
- Use and apply data analysis techniques
- Communicate mathematics through written and oral presentations
- Work with others in a team setting

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **Integrated Algebra/Geometry II**

Grade Level: 10, 11, 12

Credit: 1

Length: 2 Terms

Pre-requisite: Integrated Algebra/Geometry I. Pass all three terms. Two of which must be C- or above.

NOTE: This course is a 2 term course to be taken in the same year.

Course Description: Integrated Algebra/Geometry II builds upon the theme of mathematics as sense-making. Through investigations of real-life contexts, students develop a rich understanding of important mathematics that makes sense to them and, in turn, enables them to make sense out of new situations and problems. Units of study include: Matrix Models; Patterns of Location, Shape, and Size; Patterns of Association; Power Models; and Geometric Form and Its Functions.

Skills Needed to be Successful:

- Problem solving
- Organization
- Add, Subtract, Multiply, and Divide whole numbers, decimals, and fractions without a calculator
- Reading and writing

Expectations:

- Attend class regularly
- Complete all investigations and assignments
- Maintain a toolkit (vocabulary, formulas, etc) to use throughout the math curriculum
- Use and apply data analysis techniques
- Communicate mathematics through written and oral presentations
- Work with others in a team setting

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **Integrated Algebra/Trigonometry III**

Grade Level: 10, 11, 12

Credit: 1

Length: 2 Terms

Pre-requisite: C- or above in both terms of Integrated Algebra/Geometry II

Course Description: Integrated Algebra/Trigonometry builds upon the theme of mathematics as sense-making. Through investigations of real-life contexts, students develop a rich understanding of important mathematics that makes sense to them and, in turn, enables them to make sense out of new situations and problems. Units of study include: Multiple-Variable Models, Symbol Sense and Algebraic Reasoning, Shapes and Geometric Reasoning, and Families of Functions, Discrete Models of Change.

Skills Needed to be Successful:

- Problem Solving
- Organization
- Add, Subtract, Multiply and Divide whole numbers, decimals, and fractions without a calculator
- Reading and writing

Expectations:

- Attend class regularly
- Complete all investigations and assignments
- Maintain a toolkit (vocabulary, formulas, etc) to use throughout the math curriculum
- Use and apply data analysis techniques
- Communicate mathematics through written and oral presentations
- Work with others in a team setting

Career Pathway(s) Related to Content:

All Career Pathways

Course Title: **Integrated Algebra/Pre Calculus IV**

Grade Level: 11, 12

Credit: 1

Length: 2 Terms

Pre-requisite: C- or above in both terms Integrated Algebra/Trigonometry III

Course Description: The first three Integrated courses provided a common core of broadly useful mathematics for all students. They were developed to prepare students for success in college, in careers, and in daily life in contemporary society. This course continues the preparation of students for college mathematics. Formal and symbolic reasoning strategies are developed here as complements to more intuitive arguments and numerical and graphical approaches to problems developed in the first three courses. Units of study include: Rates of Change, Modeling Motion, Logarithmic Functions and Data Models, Polynomial and Rational Functions, Functions and Symbolic Reasoning, Space Geometry, and Informatics.

Skills Needed to be Successful:

- Problem Solving
- Organization
- Add, Subtract, Multiply, and Divide whole numbers, decimals, and fractions without a calculator

Expectations:

- Attend class regularly
- Complete all investigations and assignments
- Maintain a toolkit (vocabulary, formulas, etc) to use throughout the math curriculum
- Use and apply data analysis techniques
- Communicate mathematics through written and oral presentations
- Work with others in a team setting

Career Pathway(s) Related to Content:

All Career Pathways

Course Title: **Integrated Probability/Discrete Math**

Grade Level: 10, 11, 12

Credit: 1

Length: 2 Terms

Pre-requisite: C- or above in both terms Integrated Algebra/Trigonometry III

Consideration: This class is recommended for those students who took Integrated Algebra/Geometry I Accelerated

Course Description: Integrated Algebra/Trigonometry builds upon the theme of mathematics as sense-making. Through investigations of real-life contexts, students develop a rich understanding of important mathematics that makes sense to them and, in turn, enables them to make sense out of new situations and problems. Units of study include: Network Optimization, Patterns of Chance, Modeling Public Opinion, Patterns in Variation, Counting Models, and Binomial Distribution and Statistical Inference.

Skills Needed to be Successful:

- Problem Solving
- Organization
- Add, Subtract, Multiply, and Divide whole numbers, decimals, and fractions without a calculator
- Reading and writing

Expectations:

- Attend class regularly
- Complete all investigations and assignments
- Maintain a toolkit (vocabulary, formulas, etc) to use throughout the math curriculum
- Use and apply data analysis techniques
- Communicate mathematics through written and oral presentations
- Work with others in a team setting

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **Adv Placement Calculus 1, 2**

Grade Level: 11, 12

Credit: ½ per term

Length: 2 Terms

Pre-requisite: C- or better in Integrated Alg/Pre-Calc IV

Required Material: Graphing Calculator

Course Description: Advanced Placement Calculus is a 2 term course for the student who wishes to earn college credit while in high school. This course will cover topics taught in the first semester of a college calculus course. The primary concern is with developing the student's understanding of the concepts of calculus and providing experiences with methods and applications. This course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed geometrically, numerically, analytically, and verbally. Upon successful completion of a national test, the AP student may earn college credit.

Skills Needed to be Successful:

- Strong understanding of algebra concepts
- Knowledge of the use of a graphing calculator
- Problem solving

Expectations:

- Discover and communicate the mathematics learned
- Use graphing calculator as a tool to study:
- Series and limits
- Differential and integral calculus

Career Pathway(s) Related to Content:

Engineering & Industrial Tech
Business and Information Management

Course Title: **ESSENTIAL MATH**

Grade Level: 12

Credit: ½

Length: 1 Term

Pre-requisite: None

THIS IS A REQUIRED COURSE FOR SENIORS WHO DID NOT MEET ITED MATH STANDARD

Considerations: This course is a requirement for seniors who do not meet district board policy standards (ITED and District Math Assessment scores) as stated in the Program of Studies. Students who are required to take this course, must earn a passing grade to satisfy graduation requirements.

Course Description: This course will focus on concepts that are missed most frequently on standardized tests and classroom assessments. Some of the topics will include number and operation, geometry, measurement, and data analysis.

Skills Needed to be Successful:

- A willingness to learn
- Positive attitude towards mathematics

Expectations:

- Attend class regularly
- Complete daily assignments
- Organize class materials
- Work cooperatively with others
- Actively participate in class

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **MONEY MATH MATTERS**

Grade Level: 12

Credit: ½

Length: 1 Term

Pre-requisite: None

Considerations: **This course is a required course for all seniors by the Marion Board of Education.**

This course is intended for all seniors that have not taken Algebra II or are not currently enrolled in Algebra II.

Course Description: This course involves studying mathematics of everyday life. It gives students a working knowledge of the math they need to live as an adult in our society. The course covers, among other topics, percents, housing taxes, banking, insurance, and credit cards.

Skills Needed to be Successful:

- Basic math skills
- Problem solving
- Group work skills

Expectations:

- Attend class regularly
- Complete daily homework assignments
- Participate in class

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **MONEY MATH MATTERS
ADVANCED**

Grade Level: 12

Credit: $\frac{1}{2}$

Length: 1 Term

Pre-requisite: Enrolled in or completion of
Algebra II

Considerations: **This course is a required course
for all seniors by the Marion Board of Education.**

Course Description: This course involves studying mathematics of everyday life. It gives students a working knowledge of the math they need to live as an adult in our society. This course covers, among other topics, percents, housing taxes, banking, insurance, credit cards, and advanced mathematical concepts.

Skills Needed to be Successful:

- Basic math skills
- Problem solving
- Group work skills
- Algebra II skills

Expectations:

- Attend class regularly
- Complete daily homework assignments
- Participate in class

Career Pathway(s) Related to Content:

All Career Pathways

MUSIC

Course Title: **BAND**
Grade Level: 9, 10, 11, 12
Credit: ½ per term
Length: Full Year
Pre-requisite: Experience playing a musical instrument or instructors permission

Fees: \$20 uniform/robe fee
\$52 if using a school-owned wind instrument
\$26 if using percussion

Course Description: Band will rehearse and perform as a Marching Band during the first term and as a Concert Band during the 2nd, 3rd and 4th terms. The band presents public performances throughout the year and select members participate in music festivals throughout the state. Jazz Band and Pep Band are open to all interested students who are enrolled in band.

Skills Needed to be Successful:

- The ability to play an instrument or the willingness to learn
- Understanding the elements of music
- Listening
- An appreciation of music
- Being able to work in a group setting

Expectations:

- Learn and perform music of a variety of styles
- Work individually to prepare their music
- Attend all required public performances
- Develop their ability to listen to and evaluate musical performances
- Function effectively as a member of a group

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **CONCERT CHORALE**
Grade Level: 9-12 grade students also enrolled in Band or Journalism.
9-12th grade treble voices
All 9-12 grade bass voices
Credit: ½ per term (if only enrolled in Concert Chorale)
¼ per term (if enrolled in band or Journalism or Cantorei, in addition to Concert Chorale)
Length: Full year
Fee: \$20 uniform/robe fee

Course Description: Concert Chorale is a performance based music class. Students rehearse daily, they perform a varied repertoire of music including: spirituals, folk songs, classical, show tunes and popular music. This course rehearses opposite of Band during the block. Students must be enrolled in Concert Chorale or Cantorei to be eligible to audition for Vocal Varietas (Chamber Ensemble & Show Choir)

Skills Needed to be Successful:

- Appreciation of music
- Ability to sing or desire to learn to sing
- Desire to improve as an ensemble performer
- Desire to improve individual voice and musicianship

Expectations:

- Have regular attendance in class
- Attend and perform at all required events
- Attend 3 private lessons (15 min a term) as scheduled
- Rehearse with a positive attitude and attention to detail

Career Pathway(s) Related to Content:
Arts & Communication

Course Title: **CANTOREI**
Grade Level: 9-12 grade treble voices **not**
enrolled in Band or Journalism
Credit: ½ (if enrolled in Cantorei only)
¼ if enrolled in both Cantorei and
Concert Chorale
Length: Full Year

Course Description: CANTOREI is a performance based music class. This ensemble is composed entirely of treble voices. Students rehearse daily, they perform a varied repertoire of music including: spirituals, folk songs, classical, show tunes and popular music all arranged for treble voices. Students must be enrolled in Concert Chorale or Cantorei to be eligible to audition for Vocal Varietas (Chamber Ensemble & Show Choir)

Skills Needed to be Successful:

- Appreciation of music
- Ability to sing, or desire to learn to sing
- Desire to improve as an ensemble performer
- Desire to improve individual voice and musicianship

Expectations:

- Have regular attendance in class
- Attend and perform at all required events
- Attend 3 private lessons (15 min a term) as scheduled
- Rehearse with a positive attitude and attention to detail

Career Pathway(s) Related to Content:
Arts and Communication

Course Title: **MUSIC THEORY I**
Grade Level: 10, 11, 12
Credit: 1/2
Length: 1 Term
Pre-requisite: Must be comfortable reading music
in treble or bass clef

Course Description: Music Theory I is an introduction to music theory. This course will cover the fundamentals of music including: rhythm, key signatures, time signatures, intervals, and chords. **The course is structured as a college preparatory class.**

Skills Needed to be Successful:

- Appreciation of music
- Enjoy detailed work
- Moderate math skills

Expectations:

- Need to work outside of class
- Learn to identify scales and intervals
- Learn major and minor modes and key signatures
- Use the keyboard to identify relationships between notes
- Learn basic chord structures

Career Pathway(s) Related to Content:
Arts and Communications

Course Title: **MUSIC THEORY 2**

Grade Level: 10, 11, 12

Credit: 1/2

Length: 1 Term

Pre-requisite: Music Theory 1

Course Description: Music Theory 2 is a continuation of Music Theory 1 and will cover the analysis of the chord structure and forms of classical music. The class will be project-oriented with options for pursuing composition, arranging, research and/or chordal analysis.

Skills Needed to be Successful:

- Appreciation of music
- Self-motivation for individual work on projects
- Desire to examine music from an analytical perspective

Expectations:

- Learn to identify and write basic chord progressions
- Learn to transpose music for different instruments
- Complete a chordal analysis of a complete piece of music
- Complete a project

Career Pathway(s) Related to Content:

Arts and Communication

Course Title: **VOCAL VARIETAS**

Grade Level: 9-10

Credit: 0

Length: 4 Terms

Pre-requisite: Cantorei or Chorale

Course Description: Vocal Varietas is an auditioned extra curricular ensemble. Auditions will be held in the spring of the preceding school year. This group performs a varied repertoire of music including: madrigal, classical, jazz, and popular music. Students rehearse before school and some evening and weekend commitments are required.

Skills Needed to be Successful:

- Appreciation of music
- Self-motivation for individual work on music and choreography
- Ability to sing and dance

Expectations:

- Attendance at all rehearsals and performances
- Rehearse with a positive attitude and attention to detail
- Commitment and dedication to this group

Career Pathway(s) Related to Content:

Arts and Communication

PHYSICAL EDUCATION

All Physical Education classes will continue to focus on the teaching of skills, acquisition of knowledge and the development of attitudes through guided participation in individual and team activities. It is also important to note that all PE classes will continue to implement individual fitness tests and all classes will incorporate outside visits from community resource groups and participate in a one week bowling unit.

HEALTH/WELLNESS Grade 9

Credit: ½
Offered: Term 2 or Term 3
Length: 1 Term

Considerations: **THIS COURSE IS A REQUIRED COURSE FOR GRADUATION**

Course Description: The Health course targets the areas of food and nutrition, substance education as it relates to alcohol, tobacco, and other illicit drugs, character building, stress management and community resources.

Skills Needed to be Successful:

- Ability to work in-groups.
- Shows respect for other people's opinion.
- Takes responsibility for their work and effort
- Has good attendance and makes up work missed

Expectations:

- Participate in class activity
- Learn to use information presented to form their own choices as it relates to their health
- Identify community and business resources to gain more insight on the topics covered.

PHYSICAL EDUCATION Grades 10, 11, 12

Credit: ½
Length: 1 Term
Skills Needed to be Successful:

- Dressing out properly for activity
- Having excellent attendance and making up time missed
- Demonstrate a productive work ethic and be cooperative
- Show respect for all student and adults

Expectations:

- Move to play at every available opportunity
- Willingly look for ways to increase activity involvement
- Take direction from teacher and classmates
- Use verbal and non-verbal communication to benefit the class
- Allow others to be successful
- Cooperate during all activities and display a positive attitude

Golf/Tennis and Archery

This course will be designed to provide students with the knowledge and skills to participate and enjoy the individual activities of Golf, Tennis and Archery and to use the game to maintain or enhance health-related issues over the course of a lifetime. Students will be given an opportunity to develop specific skills and playing strategies. Traditional Physical Education activities will still be supplemented when time permits.

Individual and Team Recreational Activities

This course is designed to teach fundamental techniques, rules and strategies of individual and team recreational activities. The development and practice of skills through competitive play will be offered from the beginner's level to the advanced player's level. The following activities may be included: croquet, bocci ball, disc golf, speedball, flag football, soccer, volleyball, 16 inch softball, ultimate frisbee, team handball, field hockey. Other seasonal activities will be introduced if time permits.

Indoor Racquet and Team Court Sports

This course will offer the student the opportunity to participate and improve their skills at badminton, pickle ball, eclipse ball, soft lacrosse and floor hockey/polo. Team court sports that will be introduced include basketball, indoor soccer, net ball,

and team handball. Outdoor seasonal activities may be introduced if time and weather permit.

Personal Strength and Fitness Enhancement

This class has been designed with the individual student in mind. This class is designed for the self-motivated individual who would like to work out on a daily basis. The purpose of the class is to develop an individual's optimal level of physical fitness, to acquire knowledge of physical fitness concepts, and to understand the significant effect of lifestyle on one's health and fitness. Students will design and participate in personal fitness plans. The course focuses on developing the understanding of technique, physical conditioning, safety and experience necessary to engage in a regular fitness program. Strength and power training, cardiovascular health, weightlifting, body building, speed and agility, general physical training, exercise concepts testing, nutrition, goal setting, performance testing and evaluation will all be discussed. Students will also participate in various cross training activities.

SCIENCE FLOW CHART

SCIENCE

Course Title: **GENERAL SCIENCE 1
(Intro to the Physics of Motion)**

Grade Level: 9, 10

Credit: ½

Length: 1 Term

Considerations: **THIS COURSE IS REQUIRED
FOR GRADUATION**

Pre-requisite: It is recommended that student has taken Pre-Core Math or currently enrolled in Integrated Algebra/Geometry 1A before taking General Science I.

Course Description: An introductory course in science, specifically an introduction to the physics of motion. Topics include measurement, energy and motion, states of matter, simple machines. Time in class is divided between lab work, demonstration, and formal classroom study. A calculator is recommended for the course. A textbook is used and supplemented with various media.

Skills Needed to be Successful:

- The power of observation
- The ability to convert and use mathematical equations
- Student should have good study skills or be willing to develop them
- Be in class on a regular basis and use lab materials
- Enjoy being a productive team member
- Word processing
- Use daily skills to interpret simple physics problems
- The ability to develop technical reading skills
- Math skills taught in Algebra

Expectations:

- Be in class on a regular basis and use lab materials
- Complete daily work assignments
- Complete lab write ups
- Make assessment products: amusement park, simple machines
- Vocabulary terms, quizzes and chapter tests

Career Pathway(s) Related to Content:
Engineering & Industrial Tech

Course Title: **GENERAL SCIENCE 2
(Intro to Chemistry)**

Grade Level: 9, 10

Credit: ½

Length: 1 Term

Considerations: **THIS COURSE IS REQUIRED
FOR GRADUATION**

Student must have a calculator

Course Description: An introductory course in science, specifically an introduction to chemistry. Topics include measurement, classification of matter, atomic structure, elements, chemical bonds and reactions and acids and bases. Time in class is divided between lab work, demonstrations, and formal classroom study. A calculator is recommended for this course. A textbook is used and supplemented with various media.

Skills Needed to be Successful:

- Student should have good study skills or be willing to develop them
- The power of observation
- The ability to solve problems
- Be in class on a regular basis and use lab materials
- Enjoy being a productive team member
- Word processing
- The ability to develop technical reading skills
- The ability to use the periodic table, and chemical equations
- Math skills taught in Algebra
- The ability to understand atomic structures and reactions.

Expectations:

- The students are expected to be in class
- Complete daily work assignments
- Complete lab write ups
- The materials are to be used with all safety issues addressed
- Vocabulary terms, quizzes, and chapter tests

Career Pathway(s) Related to Content:
Health Sciences
Engineering & Industrial Tech

Course Title: **GENERAL SCIENCE 3
(Intro to the physics of waves)**
Grade Level: 9, 10
Credit: 1/2
Length: 1 Term

Considerations: **THIS COURSE IS REQUIRED FOR
GRADUATION**

Course Description: An introductory course in science, specifically an introduction to the physics of wave phenomena. Topics include measurement, sound, optics, electricity, and magnetism. Time in class is divided between lab work, demonstration, and formal classroom study. A calculator is recommended for the course. A textbook is used and supplemented with various media.

Skills Needed to be Successful:

- The power of observation
- The ability to convert and/or the ability to develop them
- Be in class on a regular basis and use lab materials
- Enjoy being a productive team member
- Ability to use and/or develop skills using technology
- Use daily skills to interpret simple physics problems
- The ability to develop technical reading skills
- Math skills taught in algebra

Expectations:

- Be in class on a regular basis and use lab materials
- Complete daily work assignments
- Complete lab write ups
- Make assessment products
- Study and prepare for Vocabulary terms, quizzes and unit tests

Career Pathway(s) Related to Content:
Engineering & Industrial Tech

Course Title: **GENERAL BIOLOGY**
Grade Level: 10, 11, 12
Credit: 1/2
Length: 1 Term

Considerations: **THIS COURSE IS REQUIRED
FOR GRADUATION
Class of 2005 and beyond**

Course Description: Biology at Marion High School is normally taught to sophomores, but juniors and seniors are welcome. The continuity of life is the focus for this course. Essential questions include: How do cells live? How are traits inherited? How does DNA work? Where and how do microbes live? We make extensive use of laboratory activities and group projects as well as microscope work, computer simulations, and biotechnology techniques. This life science course was designed to fit the needs of students with vocational, college or general interests.

Skills Needed to be Successful:

- Observation skill
- Problem solving skill
- Technical reading skill
- Listening skill

Expectations:

- Be in class since most of the activities can not be done at home
- Complete homework on time
- Be on task during class without prompts
- Be respectful of others

Career Pathway(s) Related to Content:
Health Sciences
Engineering & Industrial Tech
AgriScience & Natural Resources

Course Title: **BOTANY/ZOOLOGY**
Grade Level: 10, 11, 12
Credit: ½
Length: 1 Term
Pre-requisite: Biology I

Considerations: **BOTANY/ZOOLOGY or HUMAN BIOLOGY WILL FULFILL GRADUATION REQUIREMENT**

Course Description: Botany is the study of plants. Zoology is the study of animals. The interdependence of all life is the focus for this course taught within the questions of: How are creatures grouped? What makes some different? What advantages do some have that allow them to dominate over others? What survival strategies do plants and animals have that allows them to live the way they do? We make extensive use of laboratory activities and group projects as well as microscope and computer work. This life science course was designed to fit the needs of students with vocational, college or general interests.

Skills Needed to be Successful:

- Observation skill
- Problem solving skill
- Technical reading skill
- Listening skill

Expectations:

- Be in class since most of the activities can not be done at home
- Complete homework on time
- Be on task during class without prompts
- Be respectful of others

Career Pathway(s) Related to Content:

Health Sciences
AgriScience & Natural Resources

Course Title: **HUMAN BIOLOGY**
Grade Level: 10, 11, 12
Credit: ½
Length: 1 Term
Pre-requisite: Biology I

Considerations: **HUMAN BIOLOGY OR BOTANY/ZOOLOGY WILL FULFILL GRADUATION REQUIREMENT**

Course Description: The anatomy and physiology of humans is the focus for this course taught within the questions of: What do tissues look like? What are the parts our different systems and what do they do? What are the limits to your senses? What happens when something goes wrong? We make extensive use of laboratory activities and group projects as well as microscope work and computer simulations. This life science course was designed to fit the needs of students with vocational, college or general interests.

Skills Needed to be Successful:

- Observation skill
- Problem solving skill
- Technical reading skill
- Listening skill

Expectations:

- Be in class since most of the activities can not be done at home
- Complete homework on time
- Be on task during class without prompts
- Be respectful of others.

Career Pathway(s) Related to Content:

Health Sciences

Course Title: **CHEMISTRY 1, CHEMISTRY 2
CHEMISTRY 3**
Grade Level: 11, 12
Credit: ½ per Term
Length: 1 Term Class per level
Pre-requisite: Grade of C- or better in General Science
Matter and in Geometry. Grade of C- or better in
Chemistry I to advance to Chemistry II and Grade of C- or
better in Chemistry II to advance to Chemistry III.

Considerations: May be required for college entry

Course Description: Chemistry is one of the fundamental sciences with many applications to other areas of study. Chemistry is offered for three terms. The first two terms are intended to meet the requirements for a one year (2 semester) course. Algebra II is recommended as a co-requisite for chemistry. The third term course is for students who would like to consider additional topics in inorganic and organic chemistry, as well as an introduction to Bio-Tech techniques and forensic science. A calculator is recommended for chemistry. The focus of the chemistry courses is to:

- A. use the methods of inquiry
- B. read and write technical material
- C. use available equipment and technologies
- D. develop a set of chemical fundamentals.

Skills Needed to be Successful:

- Student should have good study skills or be willing to develop them
- The ability to solve problems
- The ability to develop technical reading skills
- The ability to use word processing and spreadsheet applications
- The ability to be in attendance and use lab materials
- The ability to understand abstract ideas

Expectations:

- The students are expected to be in class
- All homework is completed on time, therefore, time will be required outside of class time
- Projects are to be completed in a timely manner
- The materials are to be used with all safety issues addressed

Career Pathway(s) Related to Content:

AgriScience & Natural Resources
Health Sciences
Engineering & Industrial Tech

Course Title: **PHYSICS 1, PHYSICS 2, PHYSICS 3**
Grade Level: 11,12
Credit: ½ per term
Length: 1 Term Class per level
Pre-requisite: Algebra II (C- or better)
College Prep Math concurrently

Considerations: A graphing calculator is recommended for this class. A ruler and protractor are required purchases.

Course Description: This course involves studying the physical nature of matter and the interaction of objects in the world. It is geared toward a student who excels in math and is considering majoring in any science, engineering, physics, or computer science. The basics of physics are covered with emphasis on vectors, forces, motion, energy, electricity, and many of the laws of physics.

Skills Needed to be Successful:

- Problem solving
- Formula Manipulation
- Group Work Skills
- Lab Write-up/Techniques
- Graphing Skills

Expectations:

- Attend class regularly
- Complete daily homework assignments
- Complete lab activities and lab reports in groups
- Take daily notes over lecture materials
- Read book assignments outside of class
- Write five journals per term

Career Pathway(s) Related to Content:

Health Sciences
Engineering & Industrial Tech

Course Title: **FIELD BIOLOGY/FALL**

Grade Level: 11, 12

Credit: 1/2

Length: 1 Term

Pre-requisite: Botany/Zoology

Considerations: Can take fall or spring or both

Course Description: The Marion Field Biology class is dedicated to Natural Science and the study of our surroundings. Field Biology takes pride in our hands on approach to understanding the environment, community service projects and being an overseer of our water supply and the ecosystem surrounding it. Marion Field Biology is designed to get students involved with various outdoor activities four days a week followed by term papers and projects aimed at determining understanding of the week's activities. Fall Field Biology begins our water testing of three separate locations on Indian and Dry Creeks. GPS activities, minnow identification, terrestrial field study, aves identification, prairie/native flower study and crayfish study.

Skills Needed to be Successful:

- The power of observation
- Journal writing and field notes
- Must be in attendance (no make up days)
- Word Processing
- Digital camera efficient
- Must be a productive member of group activities including wading creeks, walking through tall grass fields, and forest observations.

Expectations:

- Be in class
- Complete daily journal entries
- Weekly term paper projects
- Final project, one of the following
 - Web site update
 - Memory book
 - Power point presentation
 - Class experience paper
 - Photo presentation
 - Video

Career Pathway(s) Related to Content:

AgriScience & Natural Resources
Engineering & Industrial Tech
Health Sciences

Course Title: **FIELD BIOLOGY/SPRING**

Grade Level: 11, 12

Credit: 1/2

Length: 1 Term

Prerequisite: Botany/Zoology

Consideration: Can take Spring or Fall or both

Course Description: The Marion Field Biology class is dedicated to Natural Science and the study of our surroundings. Field Biology takes pride in our hands on approach to understanding the environment, community service projects and being an overseer of our water supply and the ecosystem surrounding it. Marion Field Biology is designed to get students involved with various outdoor activities four days a week followed by term papers and projects aimed at determining understanding of the week's activities. Spring Filed Biology continues our water testing of three separate locations on Indian and Dry Creeks. GPA activities, fish shocking, invertebrate study, bird reproduction, new growth studies and mammal parenting.

Skills needed to be Successful:

- The power of observation
- Journal writing and field notes
- Must be in attendance (no make up days)
- Word Processing
- Digital Camera efficient
- Must be a productive member of group activities including wading creeks, walking through tall grass fields, and forest observations.

Expectations:

- Be in class
- Complete daily journal entries
- Weekly term paper projects
- Final project, one of the following
 - Web site update
 - Memory book
 - Power Point presentation
 - Class experience paper
 - Photo presentation
 - Video

Career Pathway(s) Related to Content:

AgriScience & Natural Resources
Engineering and Industrial Tech
Health Science

SOCIAL STUDIES

Course Title: **GLOBAL STUDIES 1**
Grade Level: 9, 10
Credit: 1/2
Length: 1 Term

Considerations: **Required class for graduation**

Course Description: Course will focus on the relationships between history and current world affairs. Included will be discussion of the ways in which world political and economic theories are influenced by geographical, historical and climatic consideration. Areas to be studied: North America, Middle and South America, Africa, and a basic geography skills unit. Current Events will be integrated throughout the course.

Skills Needed to be Successful:

- Writing and speaking so that others understand their ideas
- Historical perspective
- Enjoy studying many different areas of the world
- Problem Solving

Expectations:

- Understand the characteristics and uses of maps, globes, and other geographic tools and technologies
- Learn about human geography and the elements of world cultures
- Discuss world conflict and conflict management
- Survey the physical, economic, historical, and human geography of North America, Middle/South America, and Africa

Career Pathway(s) Related to Content:

Family & Consumer Sciences
Business Management
Arts & Communication

Course Title: **GLOBAL STUDIES 2**
Grade Level: 9, 10
Credit: 1/2
Length: 1 Term

Considerations: **Required class for graduation**

Course Description: Course will focus on the relationships between history and current world affairs. Included will be discussion of the ways in which world political and economic theories are influenced by geographical, historical and climatic consideration. Areas to be studied: Asia, the Pacific world and Antarctica, Europe, Russia and Northern Eurasia, Current events will be integrated throughout the course.

Skills Needed to be Successful:

- Writing and speaking so that others understand their ideas
- Historical perspective
- Enjoy studying many different areas of the world
- Problem solving

Expectations:

- Understand the characteristics and uses of maps, globes, and other geographic tools and technologies
- Learn about human geography and the elements of world cultures
- Discuss world conflict and conflict management
- Survey the physical, economic, historical, and human geography of Asia, Australia, Europe, Russian and Northern Eurasia.

Career Pathway(s) Related to Content:

Family & Consumer Sciences
Business Management
Arts and Communication

Course Title: **AMERICAN HISTORY 1 (1900-1945)**
Grade Level: 11
Credit: ½
Length: 1 Term

Considerations: **REQUIRED FOR GRADUATION**

Course Description: This course is the first half of a 2 term class that is a required social studies class and usually taken by juniors. This course will focus on the history of the United States from the turn of the century (1900) until the end of World War II (1945). Students will be asked to write papers as if you were living during the period being studied. Primary sources will be used. Technology will be used for research and presentation of information. Students will compare and contrast events and their impact on history and the present. Current events will also be stressed.

Skills Needed to be Successful:

- Problem solving
- Critical thinking
- Interpret and evaluate information
- Accessing and organizing information skills
- Interpersonal skills
- Understanding what is read
- Communicating information to others
- Technology skills

Expectations:

- Regular attendance
- Positive attitude and work ethic
- Evaluate US actions and policies in relation to our democratic principles and human rights
- Compare and contrast events in history
- Must access and critically evaluate information and recognize biases
- Communicate orally, in writing and through technology
- Participate cooperatively and collaboratively in small and large groups

Career Pathway(s) Related to Content:

- Family & Consumer Sciences
- Business Management
- Arts and Communication

Course Title: **AMERICAN HISTORY 2 (1945-Present)**
Grade Level: 11
Credit: ½
Length: 1 Term

Considerations: **REQUIRED FOR GRADUATION**

Course Description: This course is the 2nd half of a 2 term class that is required in social studies and usually taken by juniors. The class focuses on the time period 1945-present. Students will be asked to write papers as if you were living during the period being studied. Primary sources will be used. Technology will be used for research and presentation of information. Students will compare and contrast events and their impact on history and the present. Current events will also be stressed.

Skills Needed to be Successful:

- Problem solving
- Critical thinking
- Interpret and evaluate information
- Accessing and organizing information skills
- Interpersonal skills
- Understanding what is read
- Communicating information to others
- Technology skills

Expectations:

- Regular attendance
- Positive attitude and work ethic
- Evaluate US actions and policies in relation to our democratic principles and human rights
- Compare and contrast events in history
- Must access and critically evaluate information and recognize biases
- Communicate orally, in writing and through technology
- Participate cooperatively and collaboratively in small and large groups

Career Pathway(s) Related to Content:

- Family & Consumer Sciences
- Business Management
- Arts and Communication

Course Title: **AMERICAN HISTORY 1 Advanced (1900-1945)**

Grade Level: 11
Credit: 1/2
Length: 1 term
Considerations: **Required for graduation**

Course Description: This course is designed for the student that has a passion for history. There will be more outside of class reading and research to facilitate class discussion and activities. Students will also do more in-depth projects. This course is the first half of a 2 term class that is a required social studies class usually taken by juniors. This class will focus on the history of the United States from the turn of the century (1900) until the end of World War II (1945). Students will be asked to write papers as if you were living during the period being studied. Primary sources will also be used. Technology will be used for research and presentation of information. Students will compare and contrast events and their impact on history and the present. Current events will also be discussed.

Skills Needed to be Successful:

- Reading skills
- Problem solving
- Critical thinking
- Interpret and evaluate information
- Accessing and organizing information skills
- Interpersonal skills
- Communicating information to others
- Technology skills

Expectations:

- Regular attendance
- Willingness to read and access information outside of class
- Positive attitude and work ethic
- Evaluate US actions and policies in relation to our democratic principals and human rights
- Compare and contrast events in history
- Must access and critically evaluate information and recognize biases
- Communicate orally, in writing and through technology
- Participate cooperatively and collaboratively in small and large group

Career Pathway(s) Related to Content:
Family and Consumer Sciences
Business Management
Arts and Communication

Course Title: **AMERICAN HISTORY 2 Advanced (1945-Present)**

Grade Level: 11
Credit: 1/2
Length: 1 term
Considerations: **Required for graduation**

Course Description: This course is designed for the student that has a passion for history. There will be more reading and research outside of class to facilitate class discussion and activities. Students will also do more in-depth projects. This course is the second half of a 2 term class that is a required social studies class that is usually taken by juniors. This class will focus on the history of the United States from 1945 – present (post WWII). Students will be asked to write papers as if you were living during the period being studied. Primary sources will also be used. Technology will be used for research and presentation of information. Students will compare and contrast events and their impact on history and the present. Current events will also be discussed.

Skills Needed to be Successful:

- Reading skills
- Problem solving
- Critical thinking
- Interpret and evaluate information
- Accessing and organizing information skills
- Interpersonal skills
- Communicating information to others
- Technology skills

Expectations:

- Regular attendance
- Willingness to read and access information outside of class
- Positive attitude and work ethic
- Evaluate US actions and policies in relation to our democratic principals and human rights
- Compare and contrast events in history
- Must access and critically evaluate information and recognize biases
- Communicate orally, in writing, and through technology
- Participate cooperatively and collaboratively in small and large groups

Career Pathway(s) Related to Content:
Family and Consumer Sciences
Business Management
Arts and Communication

Course Title: **EASTERN CIVILIZATION I**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 term

Course Description: Eastern Civilization I will examine the development of eastern civilization using a variety of primary sources. The course will survey the period from 2500 BCE to approximately 1700 CE. Topics of study include: Ancient Indian and China, Great Empires in India and China, Byzantine and Russian Civilizations and Asia after the rise of Islam. Current events will also be emphasized.

Skills Needed to be Successful:

- Enjoy reading historical documents
- Working with others
- Using logical thinking and decision-making to solve problems
- Compare and contrast differing ideas, values, personalities, behaviors, and institutions by identifying likeness and differences.

Expectations:

- Learn the major characteristics of civilization and how civilization emerged in East and South Asia
- Read primary sources from ancient and modern societies
- Discover how agrarian societies emerged and spread throughout Asia
- Explore civilizations under the leadership of the dynasties in Asia
- Participate cooperatively in small and large groups.

Career Pathway(s) Related to Content:

Course Title: **EASTERN CIVILIZATION II**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 term

Considerations: Should have Eastern Civilization I

Course Description: Eastern Civilization II will examine the development of eastern civilization using a variety of primary sources. The course will survey the period from 1700 CE to the present. Topics of study include: Asia in the Age of Imperialism, Russian in upheaval, the effects of World Wars I & II on Asia, and before and after the Cold War. Current Events will also be emphasized.

Skills Needed to be Successful:

- Enjoy reading historical documents
- Working with others
- Using logical thinking and decision-making to solve problems
- Compare and contrast differing ideas, values, personalities, behaviors, and institutions by identifying likeness and differences.

Expectations:

- Learn about the developing cultures and characteristics of Eastern Civilizations after 1700 CE
- Read primary sources from the time period
- Participate cooperatively in small and large groups
- Learn about causes and effects of the Russian Revolution
- Focus on the rise of Communism in Asia

Career Pathway(s) Related to Content:

Course Title: **ECONOMICS**

Grade Level: 10, 11, 12

Credit: ½

Length: 1 Term

Pre-requisite: None

Course Description: This course highlights basics in economic theory, including, supply and demand, the free enterprise system, marketing and advertising, starting a business and market structures. The course also focuses on personal economics and how economics and economic decisions made by you and others impact your life. To help with the understanding of these topics a consultant visits each week to share how things discussed in class are used every day in the business world. The consultant also shares valuable information that will aid students when they are applying for jobs and how to get along with others and be successful in the work world. A computer-simulated business is also run by the students throughout the term, competing against other teams in the class.

Skills Needed to be Successful:

- Critical thinking
- Interpret and evaluate information
- Accessing and organizing information skills
- Interpersonal skills
- Understanding what is read
- Communicating information to others
- Technology skills
- Basic math and graphing

Expectations:

- Regular attendance
- Positive attitude and work ethic
- Participate on a team in a computer simulated business competition
- Communicate orally, in writing and through technology
- Participate cooperatively and collaboratively in small and large groups
- Learn basic concepts of economics like supply and demand
- Learn basic economic principles that will help in everyday life today and in the future

Career Pathway(s) Related to Content:

All Career Pathways

Course Title: **SOCIAL PSYCHOLOGY**

Grade Level: 10, 11, 12

Credit: 1/2

Length: 1 Term

Course Description: The course will explore the psychological field of social psychology. Social Psychology is designed to be an introduction to the wide variety of topics that fall under three general headings: how people think about each other, how people influence each other, and how people related to one another. Efforts will be made to see the many ways in which social psychology can be applied to “real world” problems and conflicts. The last unit in the course will explore Sport Psychology to show students how to use the brain to its greatest effort to give the best sporting performance.

Skills Needed to be Successful:

- Critical thinking
- Interacts appropriately with others in group contexts
- Problem solving
- Good listening and writing skills

Expectations:

- Explore the nature of bias and discrimination
- Identify sources of attitude formation
- Learn how to use the brain to maximize the best sporting performance
- Describe the effects of the presence of others on individual behavior

Career Pathway(s) Related to Content:

Family & Consumer Sciences
Business and Information Management
Art and Communication

Course Title: **PSYCHOLOGY 1**

Grade Level: 11, 12

Credit: ½

Length: 1 Term

Course Description: Psychology, in the most general sense, is the study of what it means to be human. This course looks at a brief history of psychology, provides an introduction to terms and concepts psychologists use, explores aspects of life that are psychological in nature, and discuss the significance of psychological finds in ones own life. Topics to be covered include a brief history of psychology, research methods, the brain and all its glory and splendor, sensation and perception, sleeping and dreaming, altered states of consciousness, learning and memory, and personality.

Skills Needed to be Successful:

- Critical thinking
- Interpret and evaluate information
- Accessing and organizing information skills
- Interpersonal skills
- Understanding what is read
- Communicating information to others
- Technology skills
- Basic math skills for statistics

Expectations:

- Regular attendance
- Positive attitude and work ethic
- Communicate orally, in writing and through technology
- Participate cooperatively and collaboratively in small and large groups
- Work on small research projects
- Practice basic concepts and procedures in research

Career Pathway(s) Related to Content:

Family & Consumer Sciences
Business Management
Arts & Communication

Course Title: **PSYCHOLOGY 2**

Grade Level: 11, 12

Credit: ½

Length: 1 Term

Pre- requisite: Psychology I

Course Description: This course is an extension of psychology and offers a more in-depth analysis of a wide range of psychological topics including human development motivation and emotion, stress, intelligence, psychological disorders, counseling and therapy, and behavioral profiling.

Skills Needed to be Successful:

- Interpersonal skills – can work in groups
- Reading comprehension
- Interpret and evaluate information
- Communication skills – presenting information to others
- Basic math skills for statistics

Expectations:

- Regular attendance
- Positive work ethic
- Communicate orally, in writing and through technology
- Work on research topics
- Participate cooperatively in small groups
- Exchange ideas with others
- Practice basic research and statistics techniques

Career Pathway(s) Related to Content:

Family and Consumer Sciences
Business Management
Arts and Communications
Social Sciences and Psychology

Course Title: **AMERICAN GOVERNMENT**

Grade Level: 12

Credit: ½

Length: 1 Term

Considerations: **THIS COURSE IS REQUIRED
FOR GRADUATION**

Course Description: The purpose of this course is to present students with a basic knowledge of the responsibilities and the importance of local, county, state, and national government in the United States. An emphasis on the constitution and the rights we have will be stressed. Guest speakers ranging from a lawyer, police officer, and county government leaders will help you understand your rights and responsibilities. Current events will be discussed. Also each student will be required to express their opinions on a variety of government related topics.

Skills Needed to be Successful:

- Ability to listen and write
- Ability to share ideas with others in a group
- Critical thinking
- Willingness to develop a political perspective

Expectations:

- Understand the significance of the bill of rights in their lives
- Understand how local government operates
- Learn how the basic principles of government operate
- Gain an understanding about the importance of voting

Career Pathway(s) Related to Content:

Family & Consumer Sciences
Business Management
Arts and Communication

MODIFIED EDUCATION PROGRAM

LEVEL I - RC

Grade: 9, 10, 11, 12
Credit: 1/2 per Term
Length: 1 Term

Description of course: This course is mandatory for a student who is in a special education – Resource Teaching Program. Focus is on skill development, IEP goals, and transitional development/goals.

LEVEL I - SI

Grade: 9, 10, 11, 12
Credit: 1/2 per course
Length: 2 terms per year

Description of course: This course is mandatory for a student who is in a special education – SCI Program. This program works with identified students who need additional assistance with reading, writing, math, and organizational skills. Students take classes and receive accommodations in the regular education classroom. The students are placed in Level 1 Programs depending upon their Individual Education Plans. Each student's schedule is set up on an individual basis.

FUNCTIONAL OPPORTUNITIES PROGRAM

Grade: 9, 10, 11, 12
Credit: 1/2 per course

Description of course: this life-based educational program is designed to provide individual direct instruction for students in the areas of career education, communication, global knowledge, higher order thinking skills, personal management, and technology. This program focuses on functional academics through systematic instruction that will prepare students to enter various adult roles as effective citizens, informed consumers, life-long learners, responsible family members, and productive workers in our society.

BEHAVIOR DISORDER PROGRAM

Grade: 9, 10, 11, 12
Credit: 1/2 per course

Description of Course: The Behavior Disorder Program meets the specific needs of students with behavioral problems. It is designed to teach students social skills needed in the regular education and work environments. These skills are taught in an environment that provides many opportunities for immediate feedback and correction through a low teacher to student ratio. The program also provides direct instruction in required subject areas to these students who often have learning difficulties.

STUDENTS WITH AN IEP (INDIVIDUAL EDUCATION PLAN) SHOULD REQUEST COURSES WITH THE RECOMMENDATION OF THEIR LEAD TEACHER

Course Title: **JOURNALISM 1**

Grade Level: 9, 10, 11, 12

Credit: ½

Length: 1 Term

Considerations: This course is required before
Journalism II

Course Description: This is an introductory class, which is an overview of the journalism process, and the skills needed to be successful in Journalism II. Students will write, design layouts, become computer literate in the program used for yearbook, photograph events, and evaluate their work for publication. They will also interview, work in-groups, and edit other student work.

Skills Needed to be Successful:

- Meeting deadlines consistently
- Interviewing skills
- Organizing, editing and revising copy
- Basic photography and composition skills
- Computer work processing and layout abilities
- Working with a variety of other students

Expectations:

- Understand the different journalistic styles used in newspaper and yearbook
- Work effectively with others
- Meet all required deadlines

Identify basic newspaper components

- Become knowledgeable in basic layout for newspaper and yearbook

Career Pathway(s) Related to Content:

Arts and Communication

Course Title: **JOURNALISM 2**

Grade Level: 10, 11, 12

Credit: ½ per term

Length: 2 Term minimum

Pre-requisite: Journalism I

Considerations: Can be scheduled for 2-4 terms
each year.

Course Description: Students in this class will be responsible for producing the high school yearbook and six issues of the high school newspaper. They will plan the issues, design layouts, write and edit stories, and photograph events.

Skills Needed to be Successful:

- Meeting deadlines consistently
- Interviewing skills
- Editing and revising copy
- Basic photography and composition skills
- Computer work processing and layout abilities
- Working with a variety of other students

Expectations:

- Meet all required deadlines
- Assume the responsibility for photographing out-of-school events
- Sell advertising for journalism revenue

Career Pathway(s) Related to Content:

Arts and Communication

Course Title: **IOWA AP ACADEMY**
Grade Level: 10, 11, 12
Credit: ½ per Term
Length: 1 – 3 Terms depending on class choice

Course Description: Research shows that preparation for and participation in AP courses can be more important to college success than test scores, class rank, or grade averages. Iowa AP Academy allows students to acquire college credit at the high school level by taking online Advanced Placement courses. Students will be offered this opportunity on the basis of standardized test scores and teacher recommendation. Online AP classes offered will include U.S. history, U.S. Government, Psychology, Economics, Statistics, Spanish, French, Music Theory, Art history, Chemistry, Biology, and Physics. Students will be given the opportunity to take a national examination in the subject area(s) of their choice; this test will determine whether they will receive college credit.

Skills Needed to be Successful:

- Enjoy challenging reading, writing, and research
- Score 75% or higher in related subject areas
- High motivation, ability to work independently
- Basic computer skills

Expectations:

- Work at a level commensurate with that expected at a four-year college or university
- Maintain a letter grade of 'C' or better

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **DRIVER EDUCATION**
Grade Level: 9, 10, 11, 12
Credit: ½
Length: Summer school session at Marion HS or through Kirkwood Community College during the school year.

GRADING PROCESS:

- Grades earned will be placed on the permanent record
- Passing grade (D- or above) will earn the credit of ½ (.50) but the grade **will not** factor into the grade point average
- No pass/fail option since the grade earned will not impact the GPA
- Students **NOT** wishing to receive credit, therefore not having the grade show on the permanent record, need to inform the instructor by the end of the first week of class. Be **VERY** careful with this option. If you would lose your certificate (the school does NOT keep a duplicate) there would be **NO** record of your completion of the course for insurance or driver bureau need.

Considerations: **Must have learner permit before course begins**

Course Description: Driver rules, regulations, and skills will be taught. A minimum of six (6) hours of driving and thirty (30) hours of classroom will allow the student to meet the requirements for a driving license. Announcements will be made in the spring to enable students to enroll in the summer course and information is available in the student services office for Kirkwood enrollment. Kirkwood courses are offered throughout the year. The cost of the Kirkwood course is higher than through Marion High School. **DO NOT place this course on your educational planning sheet.**

Skills Needed to be Successful:

- **Attendance is required by law;** make a commitment **DO NOT** plan vacation time for early June to mid/late July. There is **NO** time for make up. If you have vacation scheduled, do not register for summer Driver Ed through Marion High School
- Ability to read
- Ability to follow verbal directions

Expectations:

- Student will attend class
- Student will be able to pass written tests on driving laws/regulations
- Student will be able to master the basic skills of driving

Career Pathway(s) Related to Content:
All Career Pathways

Course Title: **STUDENTS OFFERING SERVICE
(VOLUNTEERING)**

Grade Level: 10, 11, 12

Credit: ¼

Grading = Credit/No Credit

Length: 1 Term

Considerations: A student must be progressing towards proficiency in math, reading, and science towards graduation in order to accumulate volunteer hours during the academic day. Students will receive a C or better in all classes during the school year. Any violation of the Code of Conduct will be reviewed. Student will seek prior approval by the volunteer coordinator before or after school.

Course Description: Students taking this class will be required to have excellent attendance. Student will be responsible for helping a teacher with paperwork, organization and helping children with all activities. Student may also volunteer at a business.

Skills Needed to be Successful:

- Good communication skills
- Enjoy working with children and adults
- Compassion for others
- Ability to take direction from others
- Follow given rules
- Excellent character

Expectations:

- Attend class regularly
- Complete paper a week before the term ends
- Turn in daily activities sheet at the end of the term
- Turn in log sheet for volunteer hours the last day of the term
- Communicate with Mrs. Jackson, Mrs. Grant and supervising teacher when missing school

Career Pathway(s) Related to Content:

All Career Pathways

POST-SECONDARY ENROLLMENT OPTIONS ACT

The Post-Secondary Enrollment Options Act is open to 11th and 12th grade students of Marion High School. The Post-Secondary Enrollment Options Act allows students:

1. To enroll part-time at an eligible community college, state university or private college while taking high school courses.
2. Pursuit of rigorous educational options.
3. Student can enroll in one or more college courses (up to 11 credit hours)
4. Student must be enrolled in at least one course per term at Marion High School
5. Registration is through the Student Services Office
6. A grade of "C" or better is required or the student must reimburse the district for the course(s)
7. \$250.00 stipend for each course for tuition, books, and materials. Additional costs are the responsibility of the student
8. Dual Credit. Credit can be for both high school and college
9. The course cannot be a course that is offered through Marion High School unless there is a schedule conflict.
10. If a student chooses to drop a college course this must be done within the 1st week of classes (Friday being the last day of that week) to avoid the requirement of reimbursing the Marion School District.

CAREER ACADEMY

Course Title: **AUTO COLLISION REPAIR**
Grade Level: 11, 12
Credit: ½ per block per term
Length: This is a 4 term (1 year) program
Pre-requisite: High interest in this field of study

Considerations: This a one-year course for students. **The course meets two days per week for the entire year usually 2:00 PM – 5:00 PM at Kirkwood Community College.** College credit may be earned through this course. The student must provide transportation. This is a PSEO class and must be registered with Student Services Office at Marion HS.

Course Description: Auto Collision includes units in shop safety, welding, body repair, metalworking and refinishing. Lab work is conducted in a state-of-the-art facility. Students furnish cars for lab work. **Students are responsible** for purchasing materials used in the course. A \$25 fee is assessed at the start of the course to draw from.

TOTAL COSTS DEPENDS ON THE STUDENT PROJECTS AND CAN EXCEED \$125.00.

Skills Needed to be Successful:

- Observation skills
- Problem solving skills
- Technical reading skills
- Background in metal working
- Listening skills
- Ability to follow written and verbal directions

Expectations:

- Student will have to attend on a regular basis
- Student will be able to follow directions
- Student will be able to work on an independent basis and not need intensive direction from instructor
- Student will follow safety features in the shop area at all times

Career Pathway(s) Related to Content:
Engineering & Industrial Tech

** Students not completing entire year must pay for time not completed.

Course Title: **HEALTH SCIENCES**
Grade Level: 11, 12
Credit: ½ per block per Term
Length: This is a 1-year program
Pre-requisite: Biology and Human Biology

Considerations: This is a one-year course for students interested in the Health Sciences career pathway. A student interested in any health careers area should consider this course. College credit is earned through this course. The student must provide transportation.

Course Description: The first two terms provides career exploration in health occupations and basic health care skills common to all health career requirements. The second two terms prepares the student for entry level skills in health occupations at the aide level. Students completing the final two terms may obtain certificates as a nurse aide and also have the option of specializing as a rehabilitation aide or home health aide. This course gives the student several options as well as credit in health programs at Kirkwood.

Skills Needed to be Successful:

- Observation skills
- Problem solving skills
- Technical reading skills
- Listening skills
- Patience: working with others in a caring capacity

Expectations:

- Student will have to attend on a regular basis
- Student will learn the basic skills of a health care provider
- Student will study medical terminology, health science, physiology, safety, ethics, communication, professionalism
- Student will explore the wide variety of health careers
- Student will attend job shadows

Career Pathway(s) Related to Content:
Health Sciences

** Students not completing entire year must pay for time not completed.

MARION HIGH SCHOOL Student Credit Checklist - 28 total credits to graduate

NAME _____ GRADE _____ DATE _____

* = Required class for graduation

<p align="center"><u>English</u> <u>4 credits</u></p> <p>English IA * _____ English IB * _____ Reading Lab _____ English 10 Writing * _____ English 10 Speech * _____ Am Lit I / Am Lit II * _____ English IV Gen I, II _____ English IV Coll I, II _____ AP English I,II,III _____ British Lit _____ Creative Writing _____ English 4 Direct Reading _____ English Journalism _____ Individualized Reading _____</p>	<p align="center"><u>Mathematics</u> <u>3 credits</u></p> <p>Trans Math I/Pre-Integr _____ Trans Math II/Pre-Integr _____ Integr Alg/Geo 1A _____ Integr Alg/Geo 1B _____ Integr Alg/Geo 1C _____ Integr Alg/Geo Acc _____ Integr Alg/Geo 2A,2B _____ Integr Alg/Trig 3A,3B _____ Integr Probab/Discrete _____ Integr Alg/Pre Calc A _____ Integr Alg/Pre Calc B _____ AP Calculus I, II _____ Essential Math _____ Money Math Matters _____</p>	<p align="center"><u>Science</u> <u>3 credits</u></p> <p>General Science 1* _____ General Science 2 * _____ General Science 3 * _____ Biology * _____ Human Biology _____ Botany/Zoology _____ Field Biology I _____ Field Biology II _____ Chemistry I _____ Chemistry II _____ Chemistry III _____ Physics I _____ Physics II _____ Physics III _____</p>
<p align="center"><u>Social Studies</u> <u>3 credits</u></p> <p>Global Studies 1* _____ Global Studies 2 * _____ American History 1* _____ American History 2 * _____ American Govt * _____ Economics _____ Psychology 1 _____ Psychology 2 _____ Social Psychology _____ Eastern Civ 1, 2 _____ Western Civ 1, 2 _____ Global Issues _____ Sociology _____ Iowa Marion History _____</p>	<p align="center"><u>P.E. / Health</u> <u>2.5 credits</u></p> <p>PE 9 * _____ Health 9 * _____ PE 10 * _____ PE 11 * _____ PE 12 * _____</p>	<p align="center"><u>Family & Consumer Science</u> <u>.5 credits</u></p> <p>Teen Insights * _____ Foods 1 _____ Creative Foods 2 _____ Culinary Delights 3 _____ Food Science _____ Trends in Fashion _____ Fashion Selection _____ Child Development _____ Life Design _____ Occupational Child Care 1 _____ Occupational Child Care 2 _____</p>
<p align="center"><u>Industrial Technology</u> <u>Electives</u></p> <p>Wood Tech 1 _____ Wood Tech 2 _____ Wood Tech 3 _____ Metalworking _____ Mechanical Drawing _____ CAD 1 / 2 _____ Architectural Drafting _____ Home Improvement _____ Building/Trades _____</p>	<p align="center"><u>Foreign Language</u> <u>Electives</u></p> <p>Explore French/Spanish _____ French 1 _____ French 2 _____ French 3 _____ French 4 _____ Spanish 1 _____ Spanish 2 _____ Spanish 3 _____ Spanish 4 _____</p>	<p align="center"><u>Business</u> <u>Electives</u></p> <p>Accounting 1 / 2 _____ Law for Business 1 / 2 _____ Business Management _____ Excel/Word/PPoint 1 / 2 _____ Marketing _____ Job Search _____ Recordkeeping _____ MOC _____</p>
<p align="center"><u>Art</u> <u>Electives</u></p> <p>Ceramics / Adv Ceram _____ Painting _____ AP Art Studio _____ Mixed Media _____ Drawing/Adv Draw _____ Photography /Adv _____ Computer Graphics _____ Comm. & Web Tech _____ Computer Animation _____ AP Art History _____</p>	<p align="center"><u>Graphics/Media Technology</u> <u>Electives</u></p> <p>Photoshop 1 _____ Photoshop 2 _____ Layout & Design _____ Digital Drawing _____</p>	<p align="center"><u>Music / Post Secondary</u> <u>Electives</u></p> <p>Band _____ Chorus _____ Music Theory 1 / 2 _____ 20th Cent Pop Music _____ Post Secondary _____ Post Secondary _____ Post Secondary _____ Post Secondary _____ Post Secondary _____</p>

MARION HIGH SCHOOL COURSE OF STUDY

You do not necessarily have to follow this plan, but fill it out for 4 years of high school.
28 credits needed for graduation.

LAST NAME

FIRST NAME

9TH GRADE

- 1. English 1A**
- 2. English 1B**
- 3. Global Studies 1**
- 4. Global Studies 2**
- 5. Health/Wellness**
- 6.**
- 7.**
- 8.**
- 9.**
- 10.**
- 11.**
- 12.**
- 13.**
- 14.**
- 15.**
- 16.**

10TH GRADE

- 1. English II Writing**
- 2. English II Speech**
- 3. PE 10**
- 4.**
- 5.**
- 6.**
- 7.**
- 8.**
- 9.**
- 10.**
- 11.**
- 12.**
- 13.**
- 14.**
- 15.**
- 16.**

11TH GRADE

- 1. Am Lit 1**
- 2. Am Lit 2**
- 3. PE 11/12**
- 4. Am History 1**
- 5. Am History 2**
- 6.**
- 7.**
- 8.**
- 9.**
- 10.**
- 11.**
- 12.**
- 13.**
- 14.**
- 15.**
- 16.**

12TH GRADE

- 1. English 12**
- 2. English 12**
- 3. Am Government**
- 4. PE 11/12**
- 5. Money Math**
- 6.**
- 7.**
- 8.**
- 9.**
- 10.**
- 11.**
- 12.**
- 13.**
- 14.**
- 15.**
- 16.**

MARION HIGH SCHOOL EDUCATIONAL PLANNING SHEET

GRADE _____

NAME _____

DUE DATE _____

Please place the **courses** you wish to take during the next academic year on the form below.
Keep in mind:

1. Selected courses that are scheduled will not be changed unless there is a legitimate academic reason.
2. Graduation requirements - as outlined on page 1 of the Program of Studies book,
3. Post-secondary plans - community college, technical school, college/university.

COURSE REQUESTS

COURSE REQUESTS

1. _____

9. _____

2. _____

10. _____

3. _____

11. _____

4. _____

12. _____

5. _____

13. _____

6. _____

14. _____

7. _____

15. _____

8. _____

16. _____

**NOTE: To view the complete Program of Studies visit MHS website: www.marion.k12.ia.us
Students will be responsible for knowing the information of course content**

ALTERNATE COURSES

ALTERNATE COURSES

1. _____

3. _____

2. _____

4. _____

TO PARENTS: These are the courses that your son/daughter has pre-registered for, for the next academic year. In the event there is a course conflict, a course from the alternative list will be used to complete the registration. Please assist your student in selection of courses that will:

1. meet Marion High School graduation requirements,
2. benefit him/her at the next level of education/career development.

All conflicts will be handled on an individual basis through the Student Services office.

PARENT SIGNATURE

2007/2008 MARION HIGH SCHOOL COURSES/GRADE LEVELS

<u>ART</u>		
Ceramics		9,10,11,12
Painting		10,11,12
Adv Ceramics		10,11,12
Mixed Media		9,10,11,12
Drawing		9,10,11,12
Advanced Drawing		11,12
Adv Photography		12
Computer Graphics Design		9,10,11,12
Comm & Web Techn *		11,12
Computer Animation		11,12
AP Art History		11,12
AP Art Studio		11,12

GRAPHIC & MEDIA TECHNOLOGY

PhotoShop I *		10,11,12
PhotoShop II *		10,11,12
Layout & Design *		10,11,12
Digital Drawing*		11,12

BUSINESS

Accounting 1 & 2		10,11,12
Law for Business, Personal 1		9,10,11,12
Law for Business, Personal 2		9,10,11,12
Business Management		9,10
Excel/Word/Powerpoint 1		9,10,11,12
Excel/Word/Powerpoint 2		10,11,12
Marketing		10,11,12
Job Search		9,10,11,12
Recordkeeping		9,10,11,12
MOC Internship		12

ENGLISH

English I A Gen		9
English I B Gen		9
English I A Adv		9
English I B Adv		9
Reading Lab		9
English II CS Gen		10
English II CS Adv		10
English II WR Gen		10
English II WR Adv		10
British Literature		10,11,12
American Lit 1 Gen		11
American Lit 2 Gen		11
American Lit 1 Adv		11
American Lit 2 Adv		11
English IV Gen		12
English IV Adv		12
AP English 1, 2, 3		12
Creative Writing		10, 11,12
English Journalism		11,12
English 4 Directed Reading		12
Individualized Reading		12

FAMILY/CONSUMER SCIENCE

Foods		9,10,11,12
Creative Foods 2		9,10,11,12
Culinary Delights 3		10,11,12
Trends in Fashion		9,10,11,12
Fashion Selection		10,11,12
Child Development		10,11,12
Teen Insights		9,10,11
Life Design		10,11,12
Occupational Child Care 1 & 2		11,12
Food Science		9,10,11,12

WORLD LANGUAGE (2 Terms each)

French I		9,10,11,12
French II		10,11,12
French III		11,12
French IV		12
Spanish I		9,10,11,12
Spanish II		10,11,12
Spanish III		11,12
Spanish IV		12
Exploratory French & Spanish		9

INDUSTRIAL TECHNOLOGY

Wood Tech 1		9,10,11,12
Wood Tech 2		9,10,11,12
Wood Tech 3		9,10,11,12
Metalworking		9,10,11,12
Mechanical Drawing		9,10,11,12
CAD 1		9,10,11,12
CAD 2		9,10,11,12
Architectural Drafting		10,11,12
Home Improvement		9,10,11,12
Building Trades(2 blocks)		12

MATH

Pre-Integrated Algebra/Geometry		9,10,11
Integrated Algebra/Geometry 1 A,B,C		9,10,11,12
Integrated Algebra/Geometry Accelerated		9
Integrated Algebra/Geometry II A,B		10,11,12
Integrated Algebra/Trigonometry III		10,11,12
Integrated Algebra/PreCalculus IV		11,12
Integrated Probability/Discrete Math		10,11,12
Adv Placement Calc I,II		11,12
Essential Math		12
Money Math Matters Gen		12
Money Math Matters Adv		12

MUSIC

Band 1	9,10,11,12
Band 2	"
Band 3	"
Band 4	"
Choir 1	9,10,11,12
Choir 2	"
Choir 3	"
Choir 4	"
Music Theory 1	10,11,12
Music Theory 2	10,11,12
Vocal Varietas	9,10

PHYSICAL EDUCATION

Health/Wellness	9
PE 10	
PE 11/12	

SCIENCE

Gen Science 1	9,10
Gen Science 2	9,10
Gen Science 3	9,10
General Biology	10,11,12
Botany/Zoology	10,11,12
Human Biology	10,11,12
Field Biology, Fall	11,12
Field Biology, Spring	11,12
Chemistry 1	11,12
Chemistry 2	11,12
Chemistry 3	11,12
Physics 1	11,12
Physics 2	11,12
Physics 3	11,12

SOCIAL STUDIES

Global Studies 1	9,10
Global Studies 2	9,10
Economics	10,11,12
American History 1	11
American History 2	11
Adv American History 1	11
Adv American History 2	11
Psychology 1	11,12
Psychology 2	11,12
Social Psychology	10,11,12
American Government	12
Eastern Civilization I, II	10,11,12

SUPPLEMENTARY PROGRAMS

Journalism 1	9,10,11,12
Journalism 2	10,11,12
Iowa AP Academy	10,11,12
Students Offering Service	10,11,12
Drivers Education	9,10,11,12
(MHS summer or through Kirkwood)	

POST SECONDARY OPTIONS*

Kirkwood Community College, Coe College, Mt Mercy College

CAREER ACADEMY COURSES

Graphic & Media Communication
Information Systems Management
Engineering
Human Services Education
Health Services
Computer Programming
Local Area Networking (LAN)
Geospatial Information Systems
Auto Technology
Advanced Manufacturing Technology

* Dual credit course.
Student must earn a "C" or better or repay \$250.00
(the cost of the course)

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