



**MOORHEAD
HIGH SCHOOL**

PLAN YOUR FUTURE

Registration Information 2012-2013

GRADES 10 • 11 • 12

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Notes

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SPECIFIC COURSE CREDIT**English (4 credits)**

_____ English 9
_____ English 10
_____ English 11
_____ English 12

Science (3 credits)

_____ Physical Science
_____ Biology
_____ 1 Credit Science

Class of 2016 & Beyond

_____ Physical Science
_____ Biology
_____ Chemistry or Physics
or Chem Com

Social Studies (3.5 credits)

_____ US History I & II
_____ US History III & IV
_____ World History
_____ Government
_____ Economics

Physical Education/Fitness (1 credit)

_____ PE 9
_____ PE Elective

Health (1/2 credit)

_____ Health

Math (3 credits) (2013)

_____ Algebra I
_____ Geometry/Applied Geometry
_____ Algebra II/Applied Algebra

**Fine Arts - Visual Arts, Acting, Music,
Business (1 credit)**

_____ 1/2 Credit
_____ 1/2 Credit

Explore

_____ 1/2 Credit

Math (3 credits) (Class of 2014 & beyond)

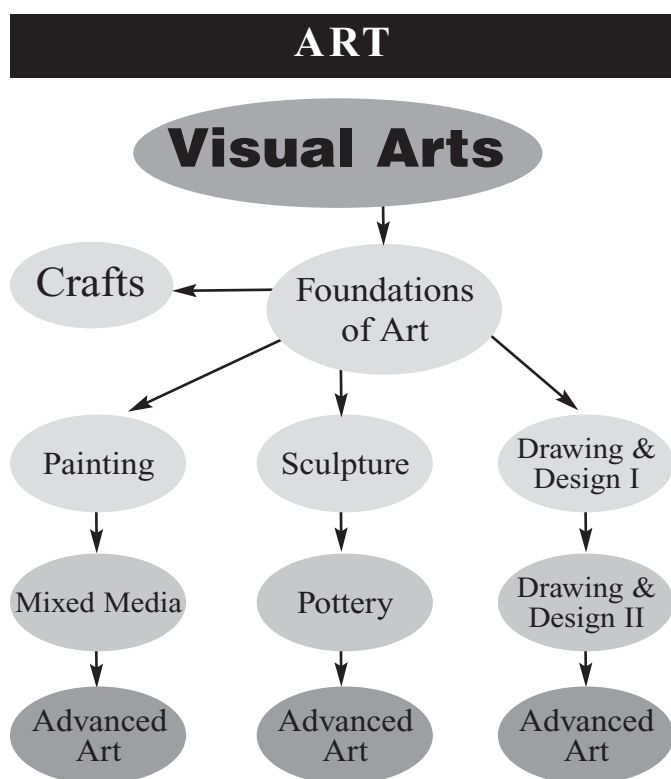
_____ Algebra II
_____ Geometry
_____ SPA- Probability & Statistics

26 TOTAL CREDITS

_____ Credits Now

_____ Total (Must be at least 26 credits)

***Make sure you check your 4th Quarter Schedule so you
don't sign up for electives you have completed.***



FOUNDATIONS OF ART (ART01F)

Grades 9-12; 1/2 credit, Quarter Blocked Class

This course is a prerequisite for all Art Classes.

The primary objective of this course is to explore a broad range of mediums and techniques. Students planning on taking more art classes will receive a visual arts foundation that will prepare them for success in upper level classes. Students will gain a basic understanding of the Art Elements and Principles of Design. A variety of media and techniques will be explored through research, creative problem solving and studio work. Mediums include pencil, acrylic paint, clay, and mixed media. Projects include shape and form drawing, shading, color design, sculpture, mixed media, and gallery critique. Creativity and craftsmanship are important for success in this class. A sketchbook is required for drawings, notes and problem solving.

CRAFTS (ART01C)

Grades 9-12; 1/2 credit, Quarter Blocked Class

Prerequisite: Foundations of Art

Basic foundations to art with emphasis on crafts, adapts the elements and principles of design to various craft projects. Composition and structure is emphasized in this course. Students will learn to construct artwork through the proper use of tools, techniques, and products in clay,

fiber, paper and other media. Some of the projects included are jewelry, picture frames, altered book boxes, and greeting cards. Students will learn to express themselves through a variety of mediums and application of craft procedures. It is highly recommended that the student has maintained a C or above in their previous Art classes when considering this course.

DRAWING AND DESIGN I (ART02)

Grades 9-12; 1/2 credit, Quarter Blocked Class

Prerequisite: Foundations of Art.

The primary objective of this course is to discover how to develop art that has impact and the ability to communicate. A systematic approach to creative problem solving is emphasized and effective use of the Art Elements and Principles of Design is constantly reinforced. Critical thinking skills are challenged through design projects such as logo/symbol design and trading card design. Projects are created using a variety of media including pencil, colored pencil, charcoal, and Adobe Photoshop. Examples from art history, student work, and from everyday life will be used as references and idea "spring boards." In this course, students have the opportunity to heighten their drawing skills and learn about the world of Graphic Design. Career opportunities in art are investigated. Students will be encouraged to enter and compete in art shows. Self expression and creative thinking is a continued focus of instruction. It is highly recommended that the student has maintained a C or above in their previous Art classes when considering this course.

DRAWING AND DESIGN II (ART03)

Grades 10-12; 1/2 credit, Quarter Blocked Class

Prerequisite: Drawing and Design I.

This class allows students who have taken Drawing and Design I to continue to develop their design knowledge and skills to an advanced level. Creative problem solving is a continued focus and effective use of Art Elements and Principles of Design is constantly reinforced. Creative thinking skills are challenged through various design projects based on the elements and principles using a variety of mediums. Some of the projects included are mixed media drawing, quote design, and graphite drawing. Examples from art history, student work and from everyday life will be used as references. In this course, students will have the opportunity to continue to heighten their drawing skills and focus on the impact of the Elements of Art on the Graphic Design world. It is highly recommended that the student has maintained a C or above in their previous Art classes when considering this course.

PAINTING (ART06)**Grades 10-12; 1/2 credit, Quarter Blocked Class****Prerequisite: Foundations of Art.**

Painting is primarily a two dimensional class, focusing on water based and oil based painting mediums. These include Acrylics and Oils. Acrylic techniques included are opaque, transparent, and translucent. Oil techniques are based off of monochromatic painting and historical research of master paintings. Drawing and other design elements and principles will be incorporated into the paintings with an emphasis on composition, application, and originality. A thorough understanding of color is reviewed and emphasized. Application of terminology is used to increase the understanding and familiarity of the mediums and techniques covered within the course. Students analyze the composition, color scheme, techniques and styles by masters. Historical background of painting is studied through the use of various visual media, including internet exploration, reference books, demonstrations and videos. Students are encouraged to enter art shows, exhibits, and competitions. Self expression and creative thinking is a continued focus of instruction. It is highly recommended that the student has maintained a C or above in their previous Art classes when considering this course.

MIXED MEDIA (ART07)**Grades 10-12; 1/2 credit, Quarter Blocked Class****Prerequisite: Painting**

Mixed Media is an extension of Painting Class. The studio focus of this class will be on the use of multiple mediums. Combining mediums, such as watercolor, pen and ink, pastel, acrylic, and other materials will be used to create original pieces of art. Students will continue to analyze, research, and study masters from various periods in history. Originality and self expression is encouraged. Students will have the freedom to explore various directions within their personal creativity. It is highly recommended that the student has maintained a C or above in their previous Art classes when considering this course.

SCULPTURE (ART04)**Grades 9-12; 1/2 credit, Quarter Blocked Class****Prerequisite: Introduction to Art**

Basic hand building techniques and decorative methods are primary concerns for Sculpture students. Exploration, elaborating on the fundamental methods of building sculpture by hand should lead the student to higher levels of individual expression and creativity. Along with clay, other mediums will be explored, such as fiber, wire, paper mache and wood. Students learn various sculptural skills

such as clay-slab, coil, and drape. A multicultural mixed media project allows students to research and investigate cultures other than their own. Along with learning the techniques of the various mediums, students will learn the terminology used in the 3 dimensional areas of art. Students will be encouraged to enter art shows and competitions. Self expression and creative thinking is a continued focus of instruction. It is highly recommended that the student has maintained a C or above in their previous Art classes when considering this course.

POTTERY (ART05)**Grades 10-12; 1 credit, Semester Blocked Class****Prerequisite: Sculpture.**

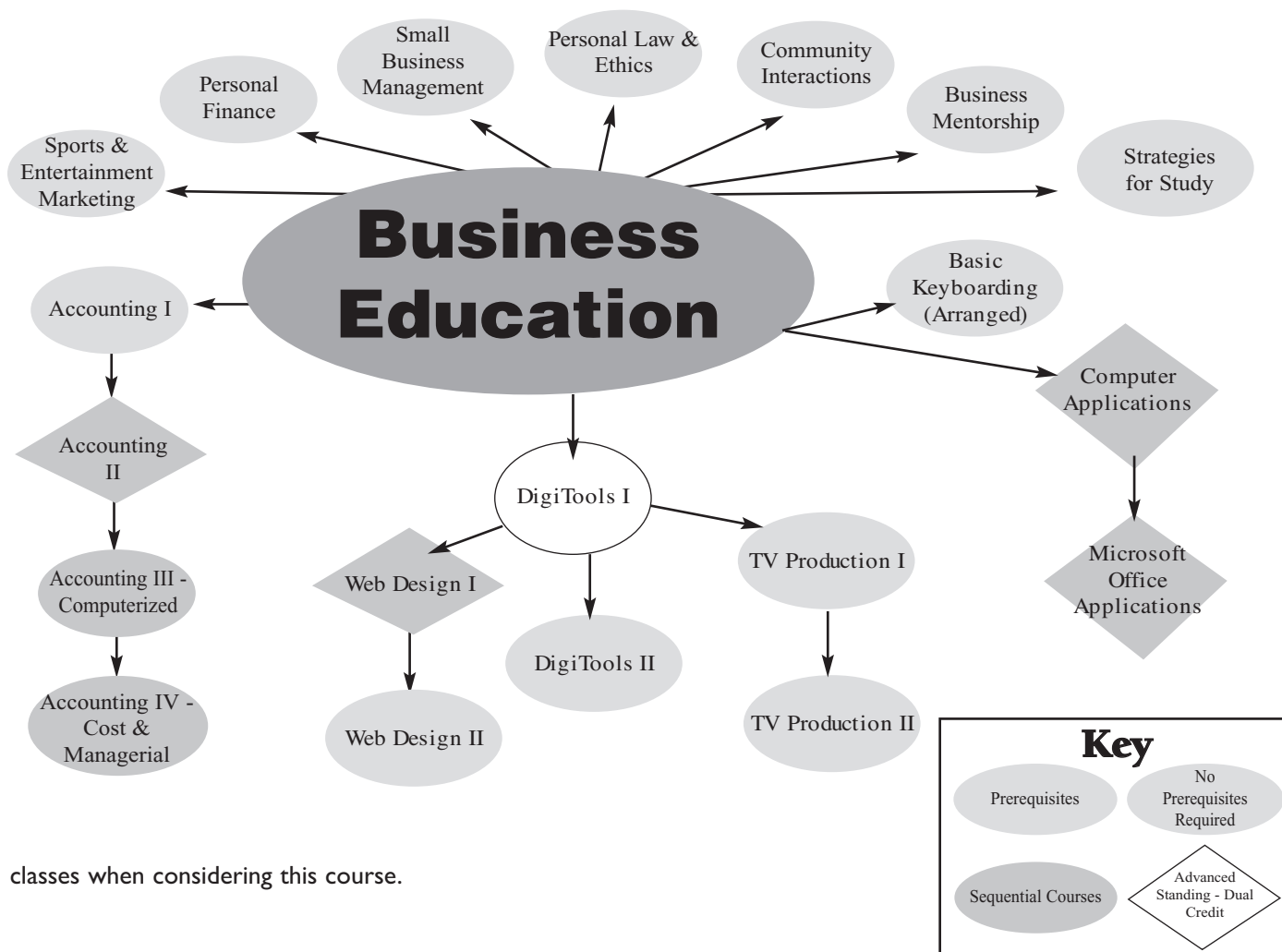
This course is offered to students who were particularly successful in Sculpture and desire to increase their understanding and further their skills. Throwing on the pottery wheel will be introduced along with additional advanced hand building projects not covered in Sculpture Class. Students will be encouraged to enter art shows, exhibits and competitions. It is highly recommended that the student has maintained a C or above in their previous Art classes when considering this course.

ADVANCED ART (ART08)**Grades 11-12; 1 credit, Semester Blocked Class****Prerequisite: Drawing & Design II, Mixed Media or Pottery****Students that take Advanced Art Class will be better prepared for college level art courses.**

Students will have an opportunity to work in specific areas of concentration and focus on their medium of interest. They will have an opportunity to produce a portfolio of work to be used for possible preparation for college entrance review. Students write up individual contracts which include their area of concentration, artist influences, and their individual goals and intents. By taking Advanced Art, the student will be better prepared for college level art courses. Students will learn terminology, techniques, and materials at an advanced level of instruction. Students will learn to budget time and meet deadlines, which play a large role in college art courses. Students will learn to critique and exhibit their work. Through advanced instruction, students will learn to use critical and technical thinking. Students will learn to create from self, rather than by the use of total reference. Individual and group art exhibits are highly encouraged. It is highly recommended that the student has maintained a C or above in their previous Art

BUSINESS & EDUCATION

Business Education Department Scope & Sequence



classes when considering this course.

ACCOUNTING I (BUS08)

Grades 10-12; 1/2 credit

Block (Quarter)

This course will introduce accounting concepts and practices. Students will work with journals, ledgers, and prepare financial statements manually and will have hands-on experience completing problems on the computer. Students will work with bank reconciliation statements and various other areas of banking and checking accounts. The course will provide a foundation for further study in business and/or accounting in college or vocational school. Time is spent on an overview of career opportunities in the area of accounting. **IT IS STRONGLY RECOMMENDED THAT STUDENTS REGISTERING**

FOR THIS COURSE COMPLETE THE SEQUENCE BY TAKING ACCOUNTING II IMMEDIATELY FOLLOWING ACCOUNTING I.

ACCOUNTING II (BUS09)

Grades 10-12; 1/2 credit

Prerequisite: Accounting I

Block (Quarter)

This course is especially recommended for students interested in a career in accounting, administration, management, finance, or any business career. The course builds upon the financial accounting concepts and practices developed in Accounting I. The areas covered are accounting control systems, professional accounts, departmentalized accounting, and automated accounting.

They will also work with completing a payroll for a company and work with taxes withheld. Students will complete a simulation for a small company using all the skills learned. *You will also receive credit at Minnesota State Community & Technical Colleges and Northwest Technical College through articulation agreements approved by the state. See explanation at the end of this Business Education section.*

PERSONAL FINANCE (BUS17)

Grades 9-12; 1/2 credit

Block (Quarter)

Personal Finance is a course that everyone needs. This class will prepare you for a lifetime of worthwhile personal financial planning. The tools you will learn are useful, realistic, and easy to work into your regular routine. They will help you gain control over the financial impact of the choices you make. You'll learn to create and use a budget, borrow and invest wisely, make intelligent decisions about insurance, and plan for your financial future. You'll develop a retirement savings plan, and you will be better prepared to make large purchases and plan for taxes. Areas covered are: Personal Money Management & Budgeting; Savings & Investing; Money & Banking; Credit; Taxes; Real Estate & Housing Issues; and Insuring Against Loss.

SPORTS & ENTERTAINMENT MARKETING (BUS12)

Grades 9-12; 1/2 credit

Block (Quarter)

Explore the intriguing world of sports and entertainment from the perspective of marketing. Sports and entertainment topics are used to learn foundational marketing concepts. Emphasis is on sports and entertainment as a business; marketing strategies, communication, sales, promotion, advertising, international business and e-commerce. Marketing functions are incorporated throughout the sports and entertainment industries and are the perfect vehicles to showcase how marketing plays out in our everyday lives.

PERSONAL FINANCE/SPORTS & ENTERTAINMENT MARKETING (BUS25)

Grades 9-12; 1 credit (year long skinny)

A combination of Personal Finance and Sports & Entertainment marketing in a year long skinny. See description of each class above.

COMMUNITY INTERACTIONS (BUS19)

Grades 10-12; 1/2 credit

Block (Quarter)

This course provides the student the opportunity to develop life and work skills through a partnership with a business, school or a community agency. The student will volunteer to help in one of our numerous community agencies helping our community to grow in service to others. The course will focus on students becoming active citizens in meeting the needs of our school and community through service learning—they can make a difference! Students will assist in the agency an average of 4 hours per week. Class will meet one day per week and will focus on reflection and growing opportunities as well as goal setting, choices, ethics, working with others, decision making, and conflict resolution. Students are responsible for their own transportation. **This course may be taken more than once for credit.**

BASIC KEYBOARDING (BUS01)

Grades 9-12; 1/2 credit

Arranged

Skinny (Semester)

This course is for the student with limited or no previous computer experience, or those keying at a speed of 25 words per minute or lower. It will focus on the basics of operating a computer, learning the keyboard by touch, and introducing basic word processing and communication applications.

COMPUTER APPLICATIONS

(BUS02) BLOCKED (BUS02S) SKINNY

Grades 9-12; 1/2 credit

Block (Quarter) Skinny (Semester)

The student will improve keyboarding skills, use the computer to prepare basic school and college term papers in MLA Report Style, personal business letters, spreadsheets and presentations. In this course they will discover the many features of Microsoft Office Suite. They will focus on Word, Excel and PowerPoint. Knowledge and use of Microsoft Office is becoming an expected skill in the workplace. *You will also receive credit at Minnesota State Community & Technical Colleges and Northwest Technical College through articulation agreements approved by the state. See explanation at the end of this Business Education section.*

MICROSOFT OFFICE APPLICATIONS (BUS03)

Grades 10-12; 1/2 credit

Prerequisite: Computer Applications

Block (Quarter)

This class is essential for anyone interested in working in the business world. The student will learn introductory and advanced skills using Microsoft Office 2007. Concepts and techniques will cover Microsoft Word, Excel, Access and PowerPoint. The student will learn how word processing, spreadsheets, databases, and presentations can integrate to create many types of business and home documents. Learn to feel comfortable and confident using the current technology used in the business world today. Students will be prepared for the (MOS) Microsoft Office Specialist Certification Exam that is required by many employers. ***You will also receive credit at Minnesota State Community & Technical Colleges and Northwest Technical College through articulation agreements approved by the state. See explanation at the end of this Business Education section.***

DIGITOOLS I (BUS07)

Grades 9-12; 1/2 credit

Block (Quarter) *Meets Fine Arts requirement

This course is for everyone! You will learn computer skills that are expected of you in all of your classes! You will have a chance to be exposed to the newest software and skills needed to complete your high school assignments and simplify your life. Programs that you will use: iPhoto (organize and enhance photos), GarageBand (create your own music), iMovie (create your own still movies), Photoshop (create and edit photos and graphics), Keynote (create presentations), Microsoft Office, and Inspiration. This class is a prerequisite for Web Design, Desktop Publishing, TV Productions, and Digi Tools II.

DIGITOOLS II (BUS072)

Grades 10-12; 1/2 credit

Prerequisite: DigiTools I

Block (Quarter) *Meets Fine Arts requirement

Are you fascinated and intrigued by the design of magazines, posters, and advertisements? Let your imagination go wild as you learn about page layout and design techniques to make your print materials sparkle. Add pizzazz and zing to the publications you've been creating. Learn how to arrange text and graphics in an attractive, eye catching fashion. You will create business and personal use items such as brochures, business cards, flyers, invitations, etc. Emphasis will be placed on appropriate design and appearance for printed materials. This course would be very helpful for students who plan to join the newspaper staff, have an interest in advertising or journalism, enjoy using the computer, or plan a career in graphics or business.

WEB DESIGN I (BUS05)

Grades 10-12; 1/2 credit

Prerequisite: DigiTools

Block (Quarter) *Meets Fine Arts requirement

Be creative and work cooperatively with others to create personal and professional web sites. In Web Design I, students will incorporate their knowledge of web design principles, web standards, and browser compatibility to make websites that are compliant with industry standards. The student will learn to plan the structure of their website using Inspiration, plan the overall design of the site and the graphics throughout the site using Photoshop, and then carry out the creation of their websites using XHTML and CSS. ***You will also receive credit at Minnesota State Community & Technical Colleges and Northwest Technical College through articulation agreements approved by the state. See explanation at the end of this Business Education section.***

WEB DESIGN II (BUS06)

Grades 10-12; 1/2 credit

Prerequisite: Web Page Design I

Block (Quarter) *Meets Fine Arts requirement

This course is recommended for students interested in furthering their experience in web design. A more in-depth look at web layout and design using CSS will be studied and the student will use Dreamweaver, Flash and Photoshop more extensively. Students will work together on a collaborative project for a client based web site. This is a great class for those looking at a career in web technology.

SMALL BUSINESS MANAGEMENT/ENTREPRENEURSHIP (BUS16)

Grades 10-12; 1/2 credit

Block (Quarter)

Small Business Management is designed to enable students to examine the proper approach to the problems and responsibilities of managing and/or owning a small business. Students study the entrepreneurship process and plan a business of their own. They also create a business plan. The topical areas covered include: business organization, production, marketing and distribution, employment and personnel management, banking and financing, along with work-related laws. Small Business Management offers students an opportunity to develop a better understanding of the business community and the role that each of us play in the business world.

PERSONAL LAW AND ETHICS (BUS15)

Grades 10-12; 1/2 credit

Block (Quarter)

Personal Law and Ethics provides students an opportunity to obtain a better understanding of everyday law, the structure of our general law, the legal processes available when rights have been violated and the operation of our court system. Students will be able to see that law is a force in everyone's life; that business activities, personal activities and the law are all interdependent.

This course is designed for personal use and will help students to develop the power to think clearly and logically; and, to express themselves accurately and concisely. The area of ethics will be covered in depth with topics such as; ethics in the workplace, government & citizenship; technology; bioethics; cultural diversity; nature and entertainment.

BUSINESS MENTORSHIP (BUS13)

Grades 11-12; 1/2 credit

Block (Quarter)

Explore a variety of business systems and prepare yourself for the future. Students will be given time to research, explore and experience the different opportunities provided in careers in the field of Business. Career areas covered: Accounting, Law, Law Enforcement, Management, Banking, Finance, Insurance, Realty, Entrepreneurship and all areas of Technology. **This course may be taken more than once for credit.**

TV PRODUCTION I (BUS23)

Grades 10-12; 1/2 credit

Block (Quarter)

Interested in being behind the scenes or in front of a camera? This course will introduce a number of technical and non-technical skills related to TV production such as camera work, scripting, editing, appearing on camera, and developing stories into broadcast quality news segments. This class will introduce you to state-of-the-art digital editing and studio equipment. This course will also prepare you for the opportunity to be a member of Spud News. Class projects will include news-oriented material and creative assignments. This course is a prerequisite for students wishing to sign up for the TV Production II class.

TV PRODUCTION II (BUS24)

Grades 10-12; 1/2 credit

Prerequisite: TV Productions I (with a final grade of a "C" or higher)

Block (Quarter)

The mission of this course is to inform viewers of events and activities in an accurate and entertaining way through a weekly student newscast (SPUD NEWS) that airs throughout Moorhead High School with the possibility of also airing on local cable access television. This course is for the highly motivated student with a sincere interest and commitment to television journalism who thrives on independent initiative and works well in high-pressure situations. The student should be willing to learn complex technical skills and apply those skills creatively in communicating with others. A flexible schedule and the ability to work with a variety of people are essential for success in this course. Sophomores may register for up to 2 quarters each year. Juniors and Seniors may register for up to 4 quarters.

ARTICULATION AGREEMENTS

Articulation agreements with the (MSCTC) Minnesota State Community & Technical College (campuses in Fergus Falls, Moorhead, Detroit Lakes & Wadena) and Northwest Technical College (campus in Bemidji) have been approved for dual credit.

The following Business Education Courses have received this approval:

Computer Applications

Microsoft Office Applications

Accounting II (with Accounting I as a prerequisite)

Web Design I

Students in grades 10-12 passing any of these courses with a B or higher will be allowed to receive credit at any of the above institutions, free of charge, at the time of their admission.

The Work Experience Program is a cooperative vocational program for students in grades 10, 11 & 12. Perspective students may be identified by the staff and administration at Moorhead Senior High School. Students may elect to participate in the Work Experience Seminar only. Students must be in the Work Experience Seminar in order to be given release time for employment. Students are employed with cooperating businesses in the

Fargo-Moorhead community. Students who are unable to secure, or hold on to an employment work site, may receive partial or no credit for the semester. A maximum of two class periods are allowed for work release.

WORK EXPERIENCE

SEMINAR 10 (BUS20)

Grade 10 & 11; 1 credit, Year skinny Class

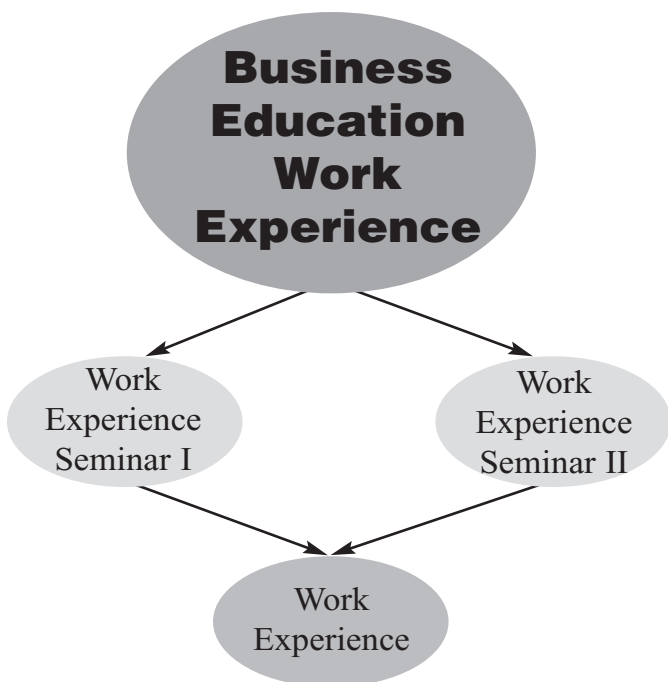
The Work Experience Seminar will help prepare students in developing critical job skills to provide them with job opportunities in the Moorhead / Fargo area. Students will learn positive job preparation, attitudes, responsibilities, and the rewards of paid entry-level employment. Specific topics to be covered in the classroom will include: career exploration, job applications, interview skills, employment skills, interpersonal relationships at work, on the job safety, and appropriate job-exit procedures. Students will also have an understanding and become familiar with employment laws and regulations, personal aptitudes, interests, and personality characteristics.

WORK EXPERIENCE

SEMINAR 11 & 12 (BUS21)

Grades 11 & 12; 1 credit, Year Skinny Class

This course is an advancement of Work Experience Seminar I. Through discussions, application, and review the student will have an understanding of methods that are successful in the world of work, making decisions, understanding the market economy and the changing demands of the workplace.



WORK EXPERIENCE —ON THE JOB TRAINING (BUS22B) BLOCKED ALL YEAR

2 credit, (2 periods work) Year Blocked Class

Prerequisite: Work Experience Seminar

This course is taken in conjunction with the Work Experience Seminar. Students will be employed and earn wages on a job approved by the Work Coordinator. Work requirements will include: performing assigned job tasks, following prescribed job-related safety procedures, and proficient use of any job-related equipment. Students are expected to practice sound employer / employee relationships according to the MHS job training agreement, and the MHS student handbook. Evaluation will be based upon the Work Coordinator's and employer's evaluations of attendance, job performance, and attitude.

ENGLISH/THEATER ARTS**ENGLISH 10****(ENG03)****Grade 10; 1 credit, Semester Blocked Class****Prerequisite: English 9.**

Students enrolled in English 10 will read To Kill a Mockingbird and one more novel of the instructor's choosing. The composition exercises and projects in this class will emphasize the difference between spoken and written language and encourage the students to become more confident, effective writers. Various assignments will concentrate on clarity, conciseness, and variety in sentence structure, as well as logical paragraph construction. With this knowledge, students will write a formal research paper.

Expanding the vocabulary of English 10 students plays a significant role in helping these students to grow and develop in the use of written language. Students will explore examples of drama, poetry, and nonfiction materials. Learners will build skills in critical reading, independent thinking, knowledge of literary terms and introductions to various authors, poets and playwrights.

HONORS ENGLISH 10**(ENG04) BLOCKED****Grade 10; 1 credit, Semester Blocked Class**

Available by a combination of counselor placement, teacher recommendation, and standardized test scores. The objectives of the Honors English 10 course are similar to those of English 10; however, the approach is more suited to the accelerated learner.

AMERICAN LITERATURE AND COMPOSITION (ENG06)**Grade 11; 1 credit, Semester Blocked Class**

American Literature and Composition is divided into two distinct and separate quarters, both of which are required. It is a survey course primarily devoted to the study of American and contemporary literature and composition. The class will investigate major themes and ideas in literature, various writing styles, literary devices, and historical eras. Quizzes and tests are given periodically to help evaluate the student's progress. The students will study vocabulary related to the selections read and will also be asked to practice writing skills in response to the literature being studied.

A.P. ENGLISH LANGUAGE AND COMPOSITION (ENG07)**Grade 11; 1 credit,****Semester Blocked Class**

This course will engage students in becoming skilled readers of prose written in a variety of rhetorical contexts, and in becoming skilled writers who compose for a variety of purposes. The goal of the AP English Language and Composition is accomplished through emphasis on expository, analytical and argumentative writing. This course is intended to prepare 11th grade students to take the AP English Language and Composition exam offered by the College Board.

WORLD LITERATURE AND COMPOSITION (ENG09)**Grade 12; 1 credit, Semester Blocked Class**

World Literature and Composition is a semester long English course. The class will focus on and feature authors and selections from a variety of time periods and places from around the world. Literature selected for study includes novels, poetry, short stories, drama, myths, and legends. A major outcome of the class is a development not only of the literature of other cultures but also the gaining of a global perspective.

Stressing the organization of an idea into written form and the development of an effective style of writing will also be a focus in this course. One major research paper and a number of expository essays are required writing.

A.P. ENGLISH LITERATURE AND COMPOSITION (ENG10)**Grade 12; 1 credit, Semester Blocked Class**

This course will engage the students in careful reading and critical analysis of literature. It will encourage them to appreciate and understand the writers use of language to provide both meaning and satisfaction through the consideration of structure, style and themes. AP Literature and Composition will encourage a wide and deep reading of literature accompanied by thoughtful discussion and writing. This course is intended to prepare 12th grade students to take the AP English Literature and Composition exam offered by the College Board.

TECHNICAL ENGLISH 11 (ENG05)**Grade 11; 1 credit, Year Skinny Class**

Technical English 11 is designed for students who intend to move from school to work or from school to a technical college. Students will engage in a broad range of reading and writing selections which will include literary analysis (nonfiction and fiction), academic and technical writing, and critical thinking and logic. **Recommendation from a counselor and English teacher is required.**

TECHNICAL ENGLISH 12 (ENG08)**Grade 12; 1 credit, Year Skinny Class**

Technical English 12 is designed for students planning to enter work or Technical College following graduation. Students engage in a broad range of reading including nonfiction, short fiction, modern drama, and 1-2 novels. The course focuses on literature analysis, as well as academic and technical writing. **Recommendation from a counselor and English teacher is required.**

CREATIVE WRITING (ENG16)**Grades 10-12; 1/2 credit, Quarter Blocked Class**

Creative writing is a course open to students who are interested in writing poetry, plays, short stories, and nonfiction. Students try their hand at various types of narrative writing, including poetry, personal experiences, short stories, and plays. They will also work with imaginative and factual descriptive writing, in both poetry and prose. Most of the shorter assignments are written in class. In addition, all students are expected to help critique others' work and to share their own. For these reasons, regular attendance is a "must." While students are required to complete all major assignments, they may choose which assignments are to be included in their portfolio.

PRE-COLLEGE COMPOSITION**(ENG15)****Grade 11-12 - Elective; 1/2 credit, Quarter Blocked Class**

The course content of Pre-College Writing provides the college bound junior or senior with writing experiences intended to prepare them for the entry level requirements of college level academic and research writing. The focus is on the development of independent thinking and expression of that thinking in writing. The initial portion of the quarter is devoted to multi paragraph writing assignments drawn from student interest, experience, and observation.

During a major portion of the quarter, students are assigned a research paper. At this time, the techniques of investigation are examined and the elements of style and organization are emphasized.

JOURNALISM I (ENG11)**Grades 10-12; 1 credit, Year Skinny Class**

Prerequisite: Completion of English 9 with grade average of B or higher.

Journalism I explores the many aspects of journalistic writing and newspaper production. The class assumes the responsibility of writing and proofreading for the school newspaper, Dimensions. The main emphasis of Journalism I is placed on the improvement of individual writing. Students work on the development or organization, unity, conciseness, spelling, grammar and journalistic style. Through the year the class will develop additional skills connected with newspaper production such as editing, layout and design, photography, artwork, graphics and the use of the computer to produce a paper. The course examines the development of the press in America and gives special attention to ethics and the First Amendment.

JOURNALISM II (ENG12)**Grades 11-12; 1 credit, Year Skinny Class**

Prerequisite: Completion of Journalism I, with a grade average of a B or higher.

Journalism II students are responsible for producing a high quality newspaper under conditions of commercial production. They serve as production staff, editor-in-chief and section editors. Students experience hands-on learning as they produce the school newspaper. Students design the nameplate and banners and determine the style to be used for production. Journalism II students have the opportunity to continue to develop their writing skills with special assignments. Content selection, layout and design, copy editing, photography and graphics, advertising and computer layout will be performed by Journalism II students. The major emphasis of the class is to continue to develop and refine journalistic skills with the actual production of a newspaper.

FILM STUDIES (ENG18)**Grades 11-12; 1/2 credit, Quarter Blocked Class**

Film studies is a class designed for the student capable of interpreting literature within the genre of film and being able to analyze it as work of art from the perspective of the filmmaker, society, and the audience. Students will study films from a variety of different eras and genres and explore how filmmakers shape ideas differently from writers, musicians, visual artists, and theater directors. The goal for this course is to give students an understanding of how the history, innovations, and artistry of film making affects society. Students will learn the history of film making including the directors/producers who have influenced the medium most profoundly. At the outcome of the course, students will be able to identify key genres, influential authors, and significant works.

YEARBOOK I (ENG19)**Grades 9-12; 1/2 credit, Semester Skinny Class**

The Yearbook I course will concentrate ultimately on the production of the Moorhead High School Yearbook. Students will work collaboratively throughout the yearbook's publication. The primary objectives of this course are effective photographic composition, creative desktop layout methods, and appropriate writing techniques for captions and other featured pieces of writing within the publication. Students will utilize electronic desktop programs for the creation of each page. As students work together on the yearbook, the course will also concentrate on the individuals' ability to direct their creativity in correlation with the yearbook's chosen theme.

YEARBOOK II (ENG20)**Grades 9-12; 1/2 credit, Semester Skinny Class****Prerequisite: Yearbook I**

The Yearbook II course is for students returning after participating in yearbook from the preceding year. The primary objective of the Yearbook II student is to ensure the production of a Yearbook of the highest quality in a timely fashion. In order to accomplish this, Yearbook II students will focus their efforts on the yearbook planning process, which includes the entire order of the publication. Yearbook II students will also work with the composition of pages within the yearbook. Yearbook II students will function under the title of editor throughout the publication, working with Yearbook I students' yearbook pages before submission.

ESL/LAB (ENGLISH AS A SECOND LANGUAGE)**WLG09B9 - 9th Grade****WLG09B10 - 10th Grade****WLG09B11 - 11th & 12th Grade****Grades 9-12; 2 credit Year Blocked Class****Prerequisite: Permission by instructor or counselor.**

English as a Second Language (ESL) is a specific discipline which assists students who are non-native speakers of English. Students in these classes first learned a language other than English. The students are studying to be bilingual. English as a Second Language classes can most appropriately be compared to classes in a foreign language.

BEGINNING ACTING (THT01)**Grades 9-12; 1/2 credit, Quarter Blocked Class**

Beginning acting will focus on the development of individual skills relating to acting on the stage. Performance areas will include movement, characterization, vocal quality, and interpretation of dramatic literature. Students will prepare monologues and scenes of their choice and participate in theater games and improvisations. May be repeated one time for credit. Beginning acting culminates in a final lip sync performance.

INTERMEDIATE ACTING/**BEGINNING DIRECTING (THT02)****Grades 9-12; 1/2 credit, Quarter Blocked Class****Prerequisite: Beginning Acting.**

This class will build on skills acquired in Beginning Acting. Skills will be developed through theater games and prepared short performances. Students will read, discuss and evaluate plays and the cultural development of theater. Students will learn basic directing methods, prompt book construction and experience being under the direction of another student. Emphasis will be on performance, both acting and directing. May be repeated for credit.

ADVANCED ACTING/**INTERMEDIATE DIRECTING (THT03)****Grades 10-12; 1/2 credit, Quarter Blocked Class****Prerequisite: Intermediate Acting.**

The Advanced Acting class will utilize skills learned in Beginning Acting and past theater experience. Students will choose one full length play or two one-act plays to produce. Focus will be on studying, organizing, rehearsing, advertising and producing the play. Students will be in charge of: directing, publicity, costumes and makeup, setting up rehearsal and production schedules, building a simplified set and designing and running lights. Opportunities for public performances will be provided. May be repeated for credit.

ARTS ALIVE (THT04)**An Integrated Theater Arts Course****Grades 11-12; 1/2 credit, Quarter Blocked Class**

Arts Alive! is an advanced arts study course available to Junior and Senior students actively involved in the theater arts at Moorhead High. Students will design a performance based project in order to challenge their artistic interests, positively impact the community, and completely engage in the artistic process.

Examples of past projects include play direction, choreography set design, film study and creation, and national scholarship competition.

Self-motivated students who may be considering a future career involving theater arts are encouraged to enroll. The semester course may be repeated for credit.

**READ AND WRITE III & IV
(LSS14) & (LSS15)****Grade 10, 1 credit, Year Skinny Class****Teacher and Counselor Recommendation Required**

Read and Write III and IV class builds on the basic writing and reading skills taught in Read and Write I & II. The focus of the class is to teach the students strategies for improving their ability to spell a variety of two-syllable words, read a variety of two to six syllable words, comprehend printed information, write an organized essay of at least 5 paragraphs, and develop and present a speech on a topic of interest to them (public speaking).

BASIC ENGLISH 10 (LSS36)**Grade 10, 1 credit, Year Skinny Class****Teacher and Counselor Recommendation Required**

Basic English 10 is a small group English class taught in the resource room setting. Students will further develop their skills in reading, writing, grammar, vocabulary and literary elements. Work will include several short stories, novels including Night and To a Kill a Mockingbird, a play (Shakespeare's Julius Caesar), essay writing, poetry, research and public speaking. Accommodations such as reading aloud together in class, extra time to complete assignments, and more guided practice are routinely employed in the classroom.

LANGUAGE CONNECTIONS I (LSS30)**Grades 9-12, 1 credit, Year Skinny Class****Teacher and Counselor Recommendation Required**

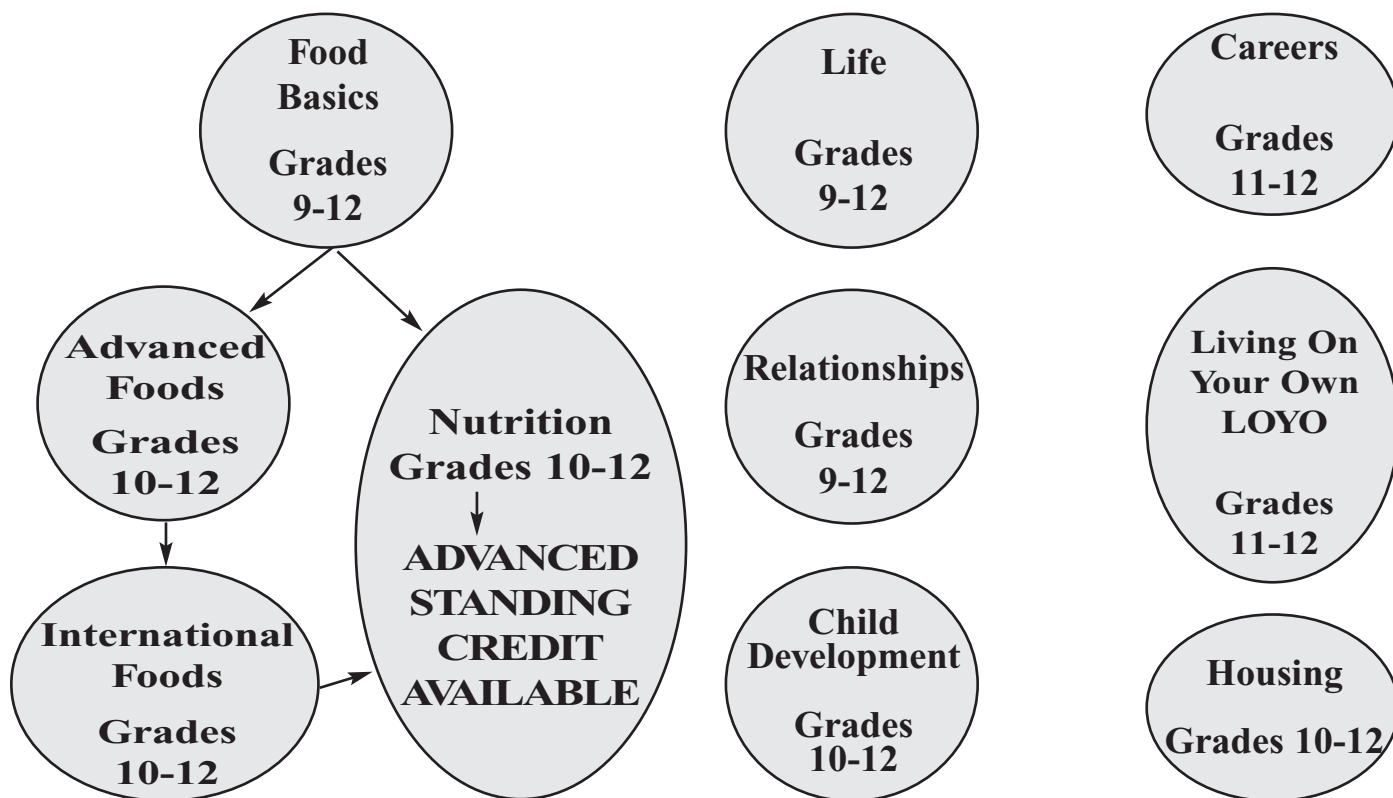
The English language can be confusing and complicated. This course is designed to improve reading and self advocacy skills in addition to receptive and expressive language skills. Students focus on using expressive language to improve self advocacy skills and targeted language skills are reinforced by reviewing strategies and analyzing language. Students also focus on developing and organizing individual writing processes and using key words and context clues improve reading comprehension. Classroom assignments and projects and real life experiences are incorporated into Language Connections I in order to practice and reinforce targeted language skills.

LANGUAGE CONNECTIONS II (LSS30B)**Grades 9-12, 2 credits, Year blocked Class****Teacher and Counselor Recommendation Required**

Understanding the English language on the job, in the home, at school and in the community can be a challenge. Language Connections II is designed to improve reading levels, self advocacy, life skills and receptive and expressive language. Students focus on using expressive language to improve self advocacy skills and learn to apply reading and writing strategies to real life situations, including classroom assignments and projects. Targeted language skills are taught with a focus on life skills such as reading recipes, medication labels, contracts, newspapers and job related information in addition to filling out forms, writing complaint letters and creating presentations. Students also focus on developing organizational strategies for individual writing processes in addition to using key words and context clues improve reading comprehension. Classroom assignments and projects and community and home related experiences are incorporated into Language Connections II in order to practice and reinforce targeted language skills.

FAMILY & CONSUMER SCIENCE

Family & Consumer Science (FACS) Scope & Sequence



Family & Consumer Science offers courses that are designed to prepare students for general everyday situations along with practical training for life during and after high school. Subject matter in these courses will be helpful for careers in:

Management

Child Care

Food Service

Foster Care

Financial Consultant

Psychology

Counseling

Teaching: Preschool, Elementary, Secondary,

Special Education

Social Work

Designing

Nutrition

Sales

Interior Decorating

FOOD BASICS (FCS01)

Grades 9-12; 1/2 credit, Quarter Blocked Class

Let's Cook! Food Basics is a beginning foods class, recommended for all students who would like to improve their skills in the kitchen. This class will help students *learn the basics of food preparation*, including proper measuring techniques, food/kitchen safety, nutritional value of food, selection and storage of food, and more! Areas of study include: Resource Management, Fruits and Vegetables, Eggs and Dairy Products, Quick Breads and Yeast Breads, Pastry and Cakes. The class will give students a chance to learn interpersonal and small-group skills that will allow them to function as part of the team. Working in the foods lab will provide an excellent opportunity for students to work cooperatively.

ADVANCED FOODS (FCS02)

**Grades 10-12; (Grades 9-12 if taken Food Basics);
1/2 credit, Quarter Blocked Class - Prerequisite:
MUST have had Food Basics**

Have you heard of the Iron Chef or Rachel Ray? This class is designed for students who want to expand their food preparation knowledge and skills. Emphasis is on planning and preparing well balanced meals while including advanced Resource Management and Food/Kitchen safety and sanitation skills. Learn about the art of Seasoning, Salad and Soups preparation, Pasta options, Meats and Cake decorating. Come and enjoy the aroma's that will surely delight your appetite.

INTERNATIONAL FOODS (FCS03)

**Grades 11-12; 1/2 credit, Quarter Blocked Class
Prerequisite: Food Basics, Advanced Foods
encouraged**

Pack your bags and here we go! Gain exposure to the foods and cultures of the world! Study and prepare foods from 14 different countries. Come with a desire to learn how to cook exciting new foods, while exploring new tastes and adventures in the World of Foods!

NUTRITIONAL FOOD CHOICES (FCS10Q)

**Grades 10-12, 1/2 credit, Quarter Blocked Class -
Prerequisite: Food Basics**

You are what you EAT! Come learn why Lifestyle Choices play a critical role in our overall health. How do the decisions you make affect your state of wellness? Adopting healthy eating and activity patterns need to become permanent lifestyle habits. Information covered in this course includes using the NEW Food Pyramid, resources on how to choose healthy recipes that are quick and easy while sticking to a limited budget, weight management, global food concerns, consumer issues, trends and information to help you make lifestyle choices for wellness. So . . . come learn how to cook quick and healthy.

**LIVING IN FAMILY ENVIRONMENTS
(L.I.F.E.)**

(FCS04) Quarter Blocked Class

Grades 9-12; 1/2 credit,

This class is for you because it is about you! Learn about the power and effectiveness of communication by strengthening your communication skills. Begin to examine yourself by exploring your personal values, goals, responsibilities you have to yourself and to others. Examine your self concept and self esteem and how to improve it. Through class discussions, group work, and individual study, learn more about meaningful relationships you establish with peers, your families and adults. The importance and quality of friendships are studied, which are a valued asset in your life.

RELATIONSHIPS

(FCS07B) Quarter Blocked Class

Grades 9-12; 1/2 credit,

Learn lifelong skills for building and maintaining relationships! This course focuses on social and personal issues that provide an opportunity for students to better understand themselves regarding their relationships with others, now and in the future. Personal growth occurs as individuals strive to achieve goals and work to improve themselves and their relationships with others. These efforts will impact the individual, his/her family, their employer, and the community. Relationships class covers personality analysis, dating, healthy and unhealthy relationships, ending a relationship, love and infatuation, engagement/marriage and building a marriage. Both males and females can benefit from this course, as everyone is involved in relationships in their lives.

CHILD DEVELOPMENT

(FCS08) Quarter Blocked Class

Grades 11-12; 1/2 credit

Why do babies chew on books, toddlers throw tantrums, and preschoolers love the playground? Child Development class is an excellent preparation for child-related occupations and parenthood or for anyone wanting to learn more about children. A real understanding of the "World of a Child" is achieved by observing children at licensed childcare centers. *Nine hours a quarter, one hour a week, will be spent observing.* The fascinating development of a child from conception to the age of six is studied, including social, emotional, intellectual, and physical development. The class generates involvement and activities in the community. If you are interested in a career involving children, or becoming a parent yourself someday, this class is for you!

CAREERS (FCS11)**Grades 10-12, .5 credit, Quarter Blocked Class**

This class is designed for YOU! Whether you plan to be a lawyer, massage therapist, dentist, culinary artist or entrepreneur this class is designed to help you learn to discover who you are, what you want to do, and how you go about getting there! We'll learn about decision-making and setting goals, and how to avoid roadblocks that can get in your way. Local post secondary education representatives visit and tell us about their facilities and give tips on what to do to be successful. Finally we'll learn places to look for a job and what to do to prepare for that job opportunity. This course has the potential to open important doors into your future.

LIVING ON YOUR OWN (L.O.Y.O.)**(FCS05)****Grades 11-12; 1/2 credit, Quarter Blocked Class
or Semester Skinny Class**

Sink or swim? Will your paycheck reach? L.O.Y.O. prepares you for finding a place to live, buying a car, using credit, understanding insurance, choosing and purchasing of food and clothing on a budget, laundry and managing checking and saving accounts including reconciling your checkbook! Join us in experiencing life on your own, while visiting community sites and listening to the experts. This class has off campus assignments.

HOUSING AND INTERIOR DESIGN**(FCS09)****Grades 11-12; 1/2 credit, Quarter Blocked Class**

Your neighborhood will never look the same to you again! Learn to identify architectural styles and choose floor plans and furnishings. Show your unique personality and interests while coordinating your home using color and design elements. Enjoy the on site visits to an apartment, a newly built home, talk with the experts at flooring and wall covering businesses. This class has off campus assignments.

PHYSICAL EDUCATION & WELLNESS

PHYSICAL EDUCATION ELECTIVES

A total of two credits of fitness electives may be used for graduation.

PE 10 SPORTS (HPE06)

(HPE06G) GIRLS ONLY

Grade 10; 1/2 credit, Quarter Blocked Class

Prerequisite: PE 9 Sports or Human Performance 9

The Physical Education Program endeavors to build physical fitness through physical fitness concepts and body mechanics and to provide skills for recreation with stress on carry-over leisure time activities. The course is co-educational and includes the following activities: tennis, softball, volleyball, swimming, pickleball, basketball, badminton, physical fitness testing and wellness.

WEIGHT TRAINING/SPORT ACCELERATION

(HPE15Y) YEAR SKINNY

Grades 10-12; 1/2 credit, Semester Skinny
1 credit, Year Skinny

Prerequisite: PE 9 Sports or Human Performance 9

This course is designed for students who want to achieve a superior level of fitness. A combination of weight training, plyometrics and speed training are the main focus of this course. This course is a great option for multi-sport athletes.

WEIGHT TRAINING I

(HPE13S) SKINNY

Grades 10-12; 1/2 credit, Semester Skinny

Prerequisite: PE 9 Sports or Human Performance 9

This class is a co-educational physical education course in which students will participate in a supervised program of basic weight training activities. Measurement of fitness, core strength and endurance will be a part of this course. These courses cannot be used as a substitute for required physical education in grade 9.

WEIGHT TRAINING II

(HPE14S) SKINNY

Physical Education and Fitness

Grades 10-12; 1/2 credit, Semester Skinny

Prerequisite: Weight Training I

Students Must:

1. successfully complete Weight Training I and have instructor approval
2. have no physical limitations that would limit the student from performing the required lifts.
3. not substitute this class for required physical education requirements.

Advance weight training routines and techniques will be used extensively. There will be no deviation from class core lifts. Students will be able to demonstrate proficiency in core strength and olympic lifts.

Group stretching, plyometric routines, rope jumping, and ab workouts will be a standard part of your weekly routine. Students may incorporate one or more of their preferred lifts. Students will be responsible for turning in a class log sheet.

TEAM SPORTS

(HPE11) FALL & SPRING (HPE12) WINTER

Grades 10-12; 1/2 credit, Quarter Blocked Class

Prerequisite: PE 9 Sports or Human performance 9

Activities included are: softball, flag football, team handball, badminton, angle ball, eclipse ball, basketball, volleyball, and water sports. This course cannot be used as a substitute for required fitness class in grade 9. Team sports will be divided into Fall/Spring & Winter activities. Activities for Fall/Spring are softball, soccer, football and boot hockey. Winter activities will include basketball, volleyball and team handball.

INDIVIDUAL SPORTS OFF CAMPUS

(HPE10)

Grades 10-12; 1/2 credit, Quarter Blocked Class

Prerequisite: PE 9 Sports or Human Performance 9

Are you interested in a different type of physical education? This is an activities based elective PE class that is offered during 1st or 4th quarter. Possible activities (dependent on weather) include: tennis, frolf, golf, snowshoeing, archery, rock climbing, canoeing, billiards and bowling. The activity fee assessed for the quarter will cover our basic costs at the outside facilities we use. This fee averages around \$40. Each student will need to provide for their own transportation to and from each of the facilities we attend. This course cannot be used to substitute for a required physical education class. Hope to see you there!!

SELF DEFENSE (HPE16)

Grades 10-12; 1/2 credit, Quarter Blocked Class

Prerequisite: PE 9 Sports or Human Performance 9

This class is designed for the students to acquire a knowledge of personal safety. Students will understand principles of training necessary to improve mental and physical fitness. Students will be taught the basic fundamentals of self defense and will be able to apply these skills if needed. Personal and community violence will be taught through lecture, videos, guest speakers and current media resources. Issues such as sexual harassment, sexual assault, and date rape will be units covered throughout the course. Students will receive hands on experience through simulations. Cannot be used as a substitute for Fitness 9.

HUMAN PERFORMANCE (HPE08)

Grades 10-12; 1/2 credit, Quarter Blocked Class

Prerequisite: PE 9 or Human Performance 9

Know, understand the principles of strength training. Know and apply safety procedures in the weight room. Recognize the value of physical activity and stress reduction. Understand the importance of warm-up and cool down activities. Understand the importance of exercise, rest, nutrition and relaxation for improvement and/or maintenance of a healthy lifestyle. Understand that "balance" is the key to healthy living. Do: Monitor and adjust personal fitness program. Measure and interpret personal fitness program. Select activities that are personally enjoyable. Respect individual differences. Experience fun and enjoyment through physical activity. Assessments: Fitness tests, daily fitness log, daily participation points, teacher observation, worksheets, written assessments and self evaluation.

LIFESTYLE FITNESS:**(INDEPENDENT STUDY)**

(HPE18)

Grades 10-12; 1/2 credit, Quarter Blocked Class

Instructor, Counselor, or Principal signature is required prior to registration

This class is designed for students who require an individualized approach to physical fitness or is not able to fit a regular fitness class into their school schedule. Students who are unable to participate in such physical activity, will be unable to complete the requirements for this course. Participation in this course provides opportunities for:

- performing physical skills that develop & maintain a health related level of fitness
- finding personal meaning & enjoyment in physical activity
- advocating the benefits of and encouraging a healthy & active lifestyle
- interacting positively with others in social settings and
- implementing & maintaining a personal fitness & wellness program

DAPE**(LSS31) YEAR BLOCKED CLASS**

Grades 9-12; 2 credit.

Counselor and Teacher permission required

This DAPE class is designed to develop and prepare students physically and mentally for their successful integration and participation in as many lifetime and recreational/leisure activities as possible. Activities include darts, swimming, horseshoes, volleyball, bowling, basketball, weigh lifting, badminton, frisbee and golf activities, archery, plus various adapted games. Through the carefully planned programs of special and regular physical education activities, the aims of the adaptive physical education class are directed toward the total physical, mental, emotional and social development of each student to his or her potential. Special education qualification is required.

HEALTH (HPE01)

Grade 10; 1/2 credit, Quarter Blocked Class

This required course will attempt to help students reduce or prevent tobacco use, drug and alcohol use, intentional and unintentional injuries, HIV, STD's and unintentional pregnancies. This class will promote self esteem and responsible decision making. This course will also fulfill the requirement for the wellness graduation standard.

The student will:

- * demonstrate the qualities of an informed decision made regarding their personal health
- * demonstrate their ability to apply health knowledge to real life situations
- *analyze decisions that enhance individual, family and community wellness.

HEALTH 10 (INDEPENDENT STUDY)

(HPE01ST)

Grades 10-12; 1/2 credit, Quarter Blocked Class

Instructor, Counselor, Principal signature is required prior to registration

This class is designed for the student who requires an individual approach to personal health, or is not able to fit a regular health class into their school schedule. This course will be primarily taught online through Virtual Classroom. Participation in this course provides opportunities for:

- shaping personal values and beliefs that support healthy behaviors
- developing the essential health skills necessary to adopt, practice, and maintain health enhancing behaviors
- using strategies designed for learning experiences that are student-centered, interactive and experiential. Instructional strategies and learning experiences include methods for:
 - a. Addressing key health-related issues
 - b. Encouraging creative expression
 - c. Sharing personal thoughts, feelings & opinions
 - d. Thoughtfully considering new arguments
 - e. Developing critical thinking skills

INDUSTRIAL TECHNOLOGY

INTRODUCTORY DRAFTING

(INT09) BLOCKED

Grades 9-12; 1/2 credit, Quarter Blocked Class

Do you enjoy drawings which are technical in nature? Introductory drafting is a course where you would gain this type of experience. Emphasis is placed on basic skill such as neatness, line quality, accuracy in measuring, technical representation, dimensioning procedures, and lettering. Males and females taking this class will spend the majority of their time doing drawings related to both the manufacturing industries and to the architectural fields. Computer assisted drafting equipment has recently been added to this classroom; therefore students will also have some opportunity to work with this. Please note that this course is a prerequisite for both architectural drafting and technical drafting.

ARCHITECTURAL DRAFTING (INT10)

Grades 9-12; 1/2 credit, Quarter Blocked Class -

Prerequisite: Introductory Drafting

Do you have a special interest in planning houses or in the construction industry? If so, architectural drafting is a course for you to consider. The laboratory activities involve (1) floor plan design, (2) exterior design, (3) elevations or exterior views (4) framing details, (5) window schedules, (6) door schedules, (7) presentations drawings, (8) heat loss problems, and (9) cost analysis. Some of the assigned tasks for the students will involve the use of computer assisted drafting equipment. This course is recommended for those who are planning careers in architecture, architectural drafting or engineering, for those interested in architectural drafting as it relates to carpentry or some other building trade. Credit is given on a semester basis and students may take two semesters.

TECHNICAL DRAFTING (INT11)

Grades 9-12; 1/2 credit, Quarter Blocked Class

Prerequisite: Introductory Drafting.

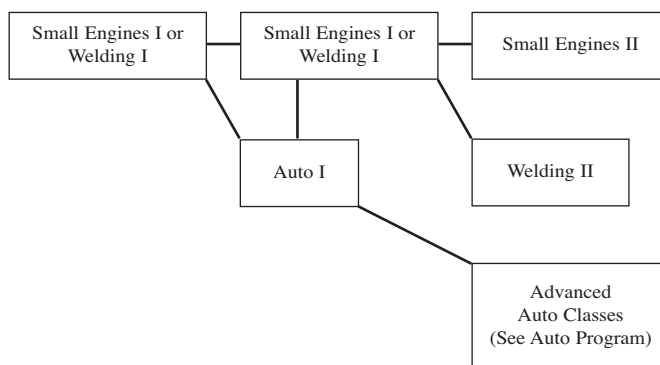
Technical drafting is a study of drafting as it relates to the manufacturing industry. It is a practical course for those students considering the engineering field and also for those interested in vocational fields involving metals fabrication. Another exciting part of this course is the experience of doing some computer assisted drafting. Credit is given on a semester basis and students may take two semesters.

IMPORTANT...IMPORTANT!

(A shop charge will be applied to "Take Home" projects.) If a student is considering enrolling in the courses listed in the Industrial Technology Dept. from this point on the following policy is in effect:

Safety information and testing is given in a class prior to any lab work and a student **MUST** pass all safety tests before being allowed to do lab work. Because of this it is important for a student to be enrolled in the course from the beginning. Transfer students and others along with a parent will be required to attend a meeting with the teacher and the counselor in order to determine whether or not a student may enter the class after all safety instruction has been given.

POWER MECHANICS & METALS RECOMMENDED TRACK



WELDING I (INT12)

Grades 9-12; 1/2 credit, Quarter Blocked Class

This course teaches basic and some advanced welding and metalworking skills. Students will be introduced to Oxy-fuel, Stick, Wire-Feed (MIG) and Tungsten Arc (TIG) welding processes as well as Plasma Arc and Oxy-acetylene Torch cutting. Metalworking instruction will include shop metallurgy and metals identification, basic measuring and layout, cutting bending, drilling, grinding, tap & die use, riveting and other fasteners, and more. After basic welding and metalworking skills have been learned, students may design and fabricate their own project. Examples include: jack stands, trailers, hunting stands, mini-bikes, go-karts, skateboard rails, tool carts, repair welds, and many more – if it's made from metal, chances are we can fabricate it! There is a high demand for skilled welders and the salaries are very good. This course will help you learn the necessary skills to become an effective and skilled metalworker. If you like working with your hands, this course is for you! Ask a friend to join you!

WELDING II (INT13)**Grades 9-12; 1/2 credit, Quarter Blocked Class****Prerequisite: Welding I**

This course teaches advanced welding and metalworking skills. After a review of safety learned in Welding I, each student will demonstrate advanced welding procedures. This course will build on the skills and welding methods taught in the first welding course as well as add new skills. After advanced skills are obtained each student will be responsible for designing and fabricating at least one project that demonstrates the skills obtained in the two welding courses. Advanced projects may include; a mini-bike, go-kart, trailer, hockey goal, hunting stand, ice fishing trailer, frisbee-golf basket, jack-stand, weight rack, bench press, wood stove, custom grill, two-wheeled dolly, and many more. There is a high demand for skilled welders and the salaries are very good. This course will help you polish your skills to become an effective and skilled metalworker and fabricator.

INTRODUCTION TO ENGINEERING DESIGN (INT24)**Grades 9-12; 1 credit, Semester Blocked Class**

Ever tired to design something new or draw up an idea you wanted to share with your friends and wondered how you could communicate your idea? Or, have you wondered how someone designed that new MP3 player or sleek new phone? Then Introduction to Engineering Design is the course for you. The major focus of the course is learning how to take an idea through a design process that will eventually be manufactured or produced. As you learn about various aspects of engineering and engineering design, such as how engineers communicate through drawing, you will apply what you learn through various activities, projects, and problems. For example, after learning about the different techniques engineers use in determining how to design a project, you and your teacher will have the flexibility to explore the design and engineering processes to solve problems that are of interest to you.

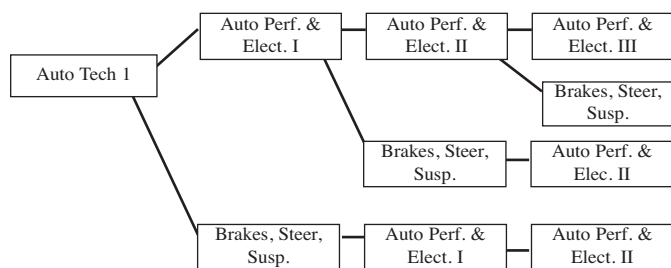
DIGITAL ELECTRONICS (INT23)**Grades 9-12; 1 credit, Semester Blocked Class**

Digital Electronics students will be introduced to digital circuits found in video games, watches, calculators, digital cameras, and thousands of other devices. Students will learn how to utilize digital devices that are used to control automated equipment. The use of digital circuitry is present in virtually all aspects of our lives, and its use is increasing rapidly. This is an important course of study for a student exploring a career in engineering or engineering technology. Students will use computer software that reflects current industry standards, activities provide opportunities for students to design, construct, test and analyze simple and complex digital circuitry.

PRINCIPLES OF ENGINEERING**Grades 9-12; 1 credit,
(PLTW04) Year Long Skinny**

This survey of engineering exposes students to some of the major concepts they'll encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students also learn how to document their work and communicate their solutions to peers and members of the professional community. This course is designed for students who have completed Algebra II.

AUTOMOTIVE PROGRAM



AYES STUDENTS
All students are eligible for the AYES (Automotive Youth Educational Systems) Program, but all classes are the same for AYES or non-AYES students. Students may take as many or as few auto classes as desired.

AYES TRACK
AYES students interested in applying for internships between their junior and senior years should take two auto classes before their senior year.

AUTO PERF. & ELECT. III
This class is taken during the student's senior year as an intern. The student will get credit for this class while performing the tasks as an intern.

AYES STUDENTS
Taking all of the advanced auto classes will help prepare the student for certification in four of the ASE testing areas. (Brakes, Steering & Suspension, Electronics, and Engine Performance).

AUTOMOTIVE TECHNOLOGY COURSE INFORMATION

The Automotive classes are designed to serve both the beginning student who wants to gain basic automotive knowledge, to the student who wants to learn additional skills and knowledge that can be used to become employed in the automotive field or to continue their education at a two year or four year college. The Automotive Program is nationally certified by the National Automotive Technicians Education Foundation (NATEF), - an arm of the National Institute for Automotive Service Excellence (ASE). The program is also a national high school AYES(Automotive Youth Educational Systems) program.

AUTOMOTIVE TECHNOLOGY I (INT16)

Grades 9-12; 1/2 credit, Quarter Blocked Class

Automotive Technology I is our first class in auto and is a prerequisite to all the other auto classes. The class is for anyone who plans to own or drive an automobile and wishes to learn more about how they operate, how to maintain them and how to perform some repair work. We study the principles of operation and service of today's automobile, basic maintenance, shop skills, and hand tools. We learn to check, rotate, mount, repair and balance tires and wheels. We learn engine basics and how to check the mechanical condition of engines using electronic and mechanical test equipment. Students learn about cooling and lubrication systems, batteries and some electrical

systems. Students apply this information, in our modern lab, with hands-on work on test stand engines; shop owned vehicles and student vehicles.

AUTOMOTIVE BRAKES AND STEERING AND SUSPENSION (INT17)

Grades 10-12; 1 credit, Semester Blocked Class

Prerequisite: Automotive Technology I.

The first nine weeks of this class is Automotive Brakes and the second nine weeks is Suspension and Steering. In the Brake unit will study the hydraulic and mechanical parts of the brake system. Students will learn how to check, service, and repair drum brakes and disc brake systems and related parts. Students will perform work on the brake system in lab including working with brake components and doing brake jobs on vehicles. The second nine weeks we will study the automobile suspension and steering systems including wheels and tires service, front and rear suspension systems, alignment and handling problems and repair. Students will perform work on these systems in the lab, doing steering and suspension system diagnoses, adjustments, repair and replacement of components on vehicles. We will follow the National Automotive Technicians Education Foundation (NATEF) program for this class.

AUTO ELECTRICAL/ ELECTRONICS & ENGINE PERFORMANCE I (INT18)

Grades 10-12; 1 credit, Semester Blocked Class

Prerequisite: Automotive Technology I.

We study the areas of auto electrical/electronics and engine performance in this class. We will study basic electrical circuits and general electrical system testing and repairs. We work with the starting system, ignition system and fuel system and learn the operation of these systems as well as trouble shooting and repair of them using test equipment including the oscilloscope. Computerized engine controls are studied and students learn the operation of the computer and sensors, retrieve stored trouble codes and diagnose causes of emission or drivability concerns resulting from failure of computerized engine controls. Students will perform work on these systems in the lab using components, shop owned vehicles and other vehicles. We will follow the National Automotive Technicians Education Foundation (NATEF) program for this class.

AUTO ELECTRICAL/ ELECTRONICS & ENGINE PERFORMANCE II (INT19)

Grades 10-12; 1 credit, Semester Blocked Class

Prerequisite: Automotive Technology I, Auto Electrical/Electronics & Engine Performance I.

We continue to study the areas of auto electrical/electronics and engine performance in this class. We will continue working with ignition systems and fuel systems as well as computerized engine controls. The charging system, lighting systems, and accessory systems will be covered. Also the emission control system will be a major unit in the class. Students will perform work on these systems in the lab using components, shop owned vehicles and other vehicles. We will follow the National Automotive Technicians Education Foundation (NATEF) program for this class.

AUTO ENGINE PERFORMANCE III (INT20)

Grades 11-12; 1/2 credit, Quarter Blocked Class

Prerequisite: Automotive Technology I, Auto Electrical/Electronics & Engine Performance I and II.

This class is our highest level engine performance class for students who have taken Auto Electrical/Electronics & Engine Performance I and II. Students will spend a high percentage of their time in lab working on diagnosing and learning to repair engine performance problems related to the systems covered in the other two classes. Trouble shooting will be stressed. We will follow the National Automotive Technicians education Foundation (NATEF) program for this class.

WOODWORKING AND CABINETRY (INT06)

Grades 9-12; 1 credit, Semester Blocked Class

This woodworking technology class is open to all students grades 9-12. The course will incorporate textbook information and basic hands-on skills in the construction of low cost projects. The course will guide the student through principles of shop safety and the proper use of hand tools and shop equipment in the construction of a variety of projects. Throughout the course, students will develop and demonstrate an understanding of project planning, design, and the basics of cabinet construction. Students will select a project from a variety of options taking into consideration the time available, level of difficulty, the size of the project, and the cost of the project.

ADVANCED CABINETRY (INT07)

Grades 10-12; 1 credit, Semester Blocked Class

Prerequisite: Woodworking and Cabinetry

Advanced Cabinetry is open to all students, who have successfully completed Woodworking and Cabinetry. Students will progress beyond the basic machine operations to more intricate operations. The student will then proceed to a lab situation, choosing a major project that will be a challenge to his/her woodworking abilities. Examples of projects would be entertainment centers, gun cabinets, wood turnings, china hutch and other types of cabinets. Additional emphasis will be placed on finishing application and processes necessary to successfully complete the students project.

EXPLORING CARPENTRY (INT08)

Elective; grades 10-12; 1 credit, Semester Blocked Class

Prerequisite: Woodworking and Cabinetry.

Students will be given the opportunity to explore the more intricate woodworking procedures used commercially and in residential construction. They will observe firsthand construction methods through field trips to various industries and Northwest Technical College's Carpentry program. After being introduced to basic construction procedures the students will construct a small playhouse or storage shed. Six to seven students will work as a group to construct each shed. The storage sheds will be sold, with the students being given first opportunity to purchase them. This project will give students experience in the construction of a framed structure and gain skills in home maintenance, home repair, and remodeling.

SMALL ENGINES I (INT14)**Grades 9-12; 1/2 credit, Quarter Blocked Class**

Are you interested in learning how gas engines work? Would you like to be able to trouble shoot and repair poor running engines? Does saving money on small engine repair appeal to you? If you answered yes to any of these, Small Engines I may be for you!

The course is made up of class work for fundamentals and theory and lab work for application and practice. You will use working shop engines to help you learn about fuel and ignition systems. For your main project, a Briggs and Stratton or Tecumseh engine is preferred. Engines needing any type of repair are acceptable. Students will get a variety of experiences from carburetor and ignition work to bent crankshafts and deeper engine work.

It is important for students to be enrolled during the beginning of class to be able to pass all safety tests prior to any lab work. Students will not be permitted to enroll late because of the importance of teacher instruction connected with these safety tests.

SMALL ENGINES II (INT15)**Grades 9-12; 1/2 credit, Quarter Blocked Class****Prerequisite: Small Engines I.**

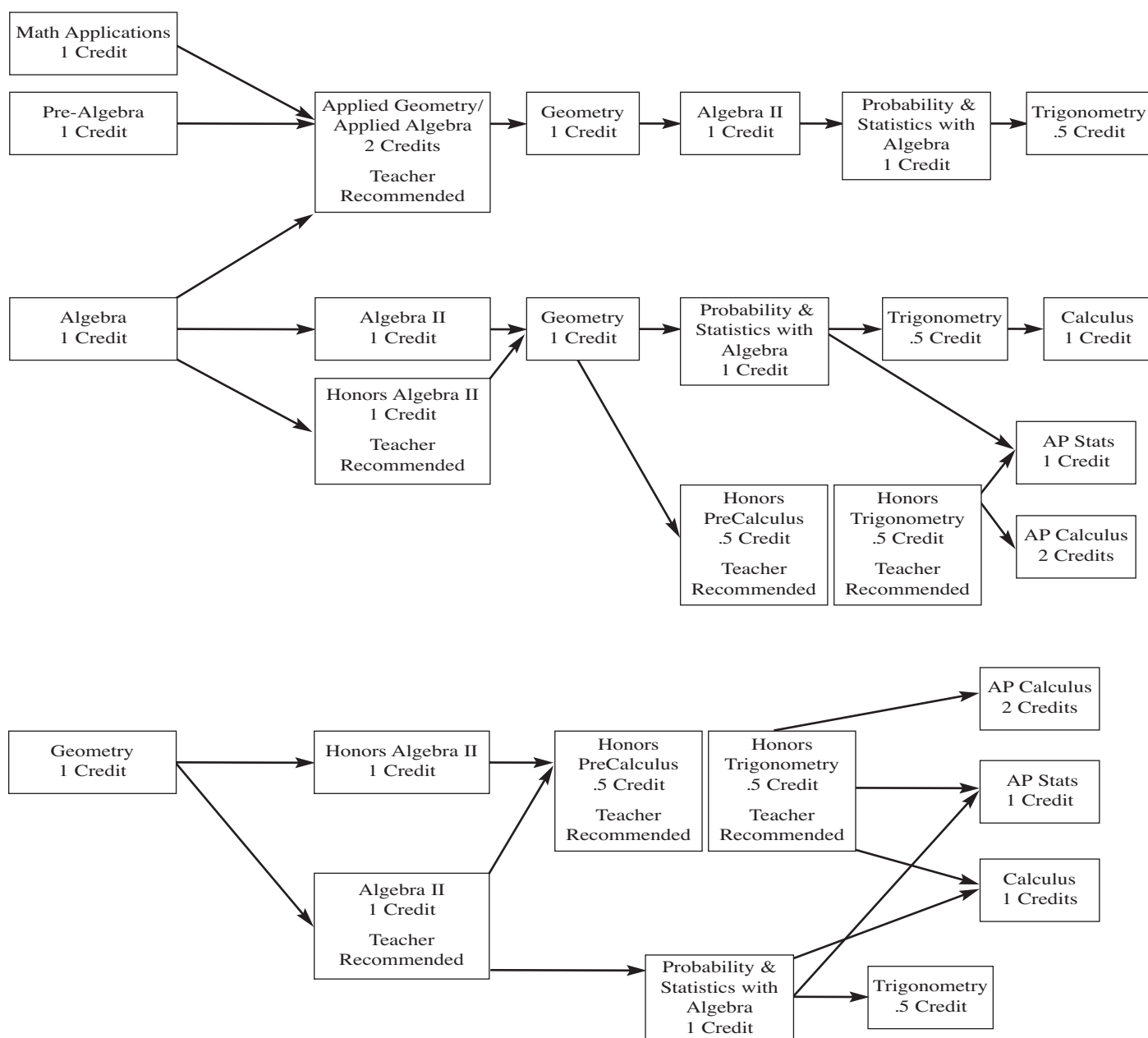
This class is for the student interested in completing the small engine program started in Small Engines I and who wishes to work on more advanced engine projects. Class work will emphasize: fuel & ignition service; valves, piston/rings, and other compression service; maintenance and troubleshooting techniques; career and automotive applications; and metalworking and machining processes. The semester will be divided into about 1/4 class work and 3/4 lab work. Most of the engine work will be on engines you bring to school. Briggs & Stratton engines are "preferred" since our lab is set up with Briggs & Stratton equipment. However, other brands may be worked on including: Tecumseh, Kohler, Wisconsin, Lawn boy, Johnson, Evinrude, Mercury, Yamaha, Kawasaki, Robin, etc. Types of jobs you can do include: major overhaul work; compression service work; ignition and fuel service work; general tune-up and repairs; and also simple maintenance and adjustment work. Sign up and start looking for engine sponsors.

MATH

HIGH SCHOOL MATHEMATICS CURRICULUM SEQUENCE

3 credits required encompassing
Algebra I, Geometry, and Algebra II

2012 & 2013 Graduating Classes

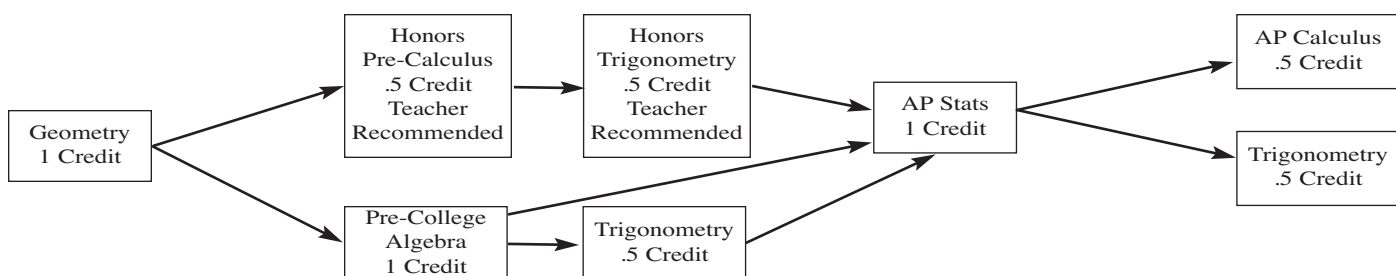
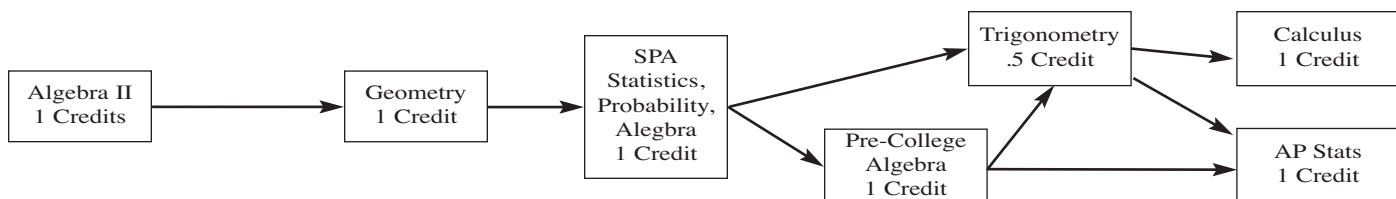
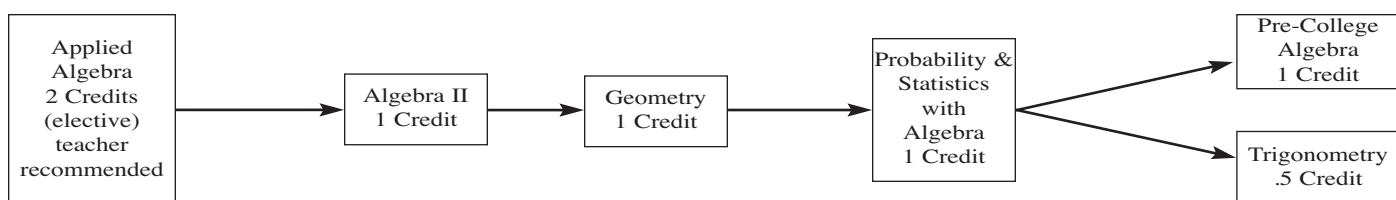


HIGH SCHOOL MATHEMATICS CURRICULUM SEQUENCE

3 credits required encompassing

Algebra 2, Geometry, and Probability & Statistics or AP Statistics

Graduating Class: 2014 and beyond



APPLIED ALGEBRA (MTH14)**Grades 9-11; 1 credit, Semester Blocked Class****Prerequisite: Algebra I****Teacher Recommendation.**

Applied Algebra is designed in order for students to review and expand their problem-solving abilities by learning problem-solving strategies, logical reasoning skills and modeling methods. Topics examined in depth are field properties, linear equations, and linear models. Students will be exposed to graphing calculators and geometer's sketchpad as ways to enhance technology into the curriculum for deeper understanding.

ALGEBRA II (MTH05)**Grades 10-11; 1 credit, Year Long Skinny**

Algebra II is primarily concerned with further developing students' understanding of topics discussed in Algebra I, including (but not limited to) solving equations and linear and absolute value functions as well as introducing students to piecewise-defined, quadratic, polynomial, rational, exponential, and logarithmic functions, topics necessary to prepare students for advanced mathematics-based courses such as probability and statistics, calculus, chemistry, and physics. The course emphasizes a multi-representational approach to these topics with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. A graphing calculator (TI-83+ or TI-84+) is required.

GEOMETRY (MTH04)**Grades 10-12; 1 credit, Year Long Skinny****Prerequisite: Algebra II**

Geometry is designed in order for students to review and expand basic mathematical knowledge introduced in Algebra II such as problem solving equations and linear functions, as well as enhance visual thinking while improving logical reasoning and deductive thinking. The course explores two and three dimensional figures, including angles, parallel and perpendicular lines, triangles, polygons, similarity, circles and solids.

PROBABILITY & STATISTICS WITH ALGEBRA (SPA) (MTH15)**Grades 11 or 12; 1 credit, Year Long Skinny****Prerequisite: Algebra II, Geometry****(*2014 graduates - according to Minnesota State Standards, this course is required for graduation)**

Probability and Statistics with Algebra is primarily concerned with reviewing topics discussed in Algebra I, and Algebra II, including (but not limited to) linear, quadratic, absolute value, piecewise-defined, and polynomial functions and further developing students' understanding of rational, exponential, and logarithmic functions as well as sequences and series. The course emphasizes a multi-representational approach to these topics with concepts, results, and problems being expressed graphically, numerically, analytically, and verbally. Additionally, this course will introduce students to the basics of probability and statistics including data collection, exploratory data analysis, measures of central tendency and spread, theoretical probabilities in simple and compound events, basics of experimental design, and evaluating predictions and arguments from data. A graphing calculator (TI-83+ or TI-84+) is required.

TRIGONOMETRY (MTH07)**Grades 10-12; 1/2 credit, Semester Skinny Class****Prerequisite: Algebra II, Geometry, SPA (Pre-College Algebra recommended)**

The study of trigonometry covers six right triangle functions (sine, cosine, tangent, cosecant, secant, and cotangent), the Law of Sines and the Law of Cosines and vectors. Emphasis is given to practical applications of trigonometry such as in navigation and physics. Trigonometry is necessary for students planning to take calculus, as well as for students planning further work in electronics and other technical fields. A graphing calculator (TI-83+ or TI-84+) is required.

HONORS TRIGONOMETRY (MTH07)**Grades 10-12; 1/2 credit, Semester Skinny Class****Prerequisite: Honors Algebra II, Geometry, (Pre-Calc. recommended) A or B in prerequisite course**

This course utilizes a graphing approach to the study of trigonometric functions. The course develops the theory, skill and applications of right triangle trigonometry, the Law of Sines and the Law of Cosines, circular functions including modeling real-world data, and the application of trigonometry to complex numbers, vectors and the use of trigonometric identities. A graphing calculator (TI-83+ or TI-84+) is required.

HONORS PRE-CALCULUS (MTH10)

Grades 10-12; 1/2 credit, Semester Skinny Class

Prerequisite: Honors Algebra II, Geometry

A or B in prerequisite course

This course strengthens and extends mathematical concepts learned in previous classes and prepares the student for calculus and college mathematics courses. Topics include review of all basic algebraic and transcendental functions, graphing techniques, sequences and series, probability topics and logarithms. A graphing calculator (TI-83+ or TI-84+) is required.

PRE-COLLEGE ALGEBRA (MTH09)

Grades 11-12; 1 credit, Semester Blocked Class

Prerequisite: Algebra II, SPA

(Geometry recommended).

In this course students are introduced to the standard concepts and language needed for beginning college mathematics courses. The course will extend and review algebraic concepts, especially functions and graphs. Topics may also include sequences and series, logarithmic and exponential functions, rational functions, conics and matrices. Students must have access to a graphics calculator (TI-83+ or TI-84) and are strongly encouraged to purchase one.

ADVANCED PLACEMENT STATISTICS

(MTH17)

Grades 10-12; 1 credit, Year Long Skinny

Prerequisite: Algebra II, Geometry and Pre-College Algebra or Statistics and Probability with Algebra.

An A/B is recommended in those courses.

At many universities and colleges, students are taking at least one introductory statistics course because many different occupations apply statistical concepts. Therefore, this course will introduce students to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. It will cover four major themes: Exploring Data, Sampling and Experimentation, Anticipating Patterns, and Statistical Inference by following the Advanced Placement Statistics syllabus. A student may receive credit, advanced placement, or both for one-semester introductory college statistics course by successfully scoring on the Advanced Placement statistics exam. A graphing calculator (TI-83+ or TI-84+) is requirement of the class.

CALCULUS (MTH11)

Grades 12; 1 credit, Semester Blocked Class (Second Semester ONLY)

Prerequisite: Honors Algebra II or Algebra II, Honors Geometry or Geometry, Honors Pre-calculus and Honors Trigonometry or Pre-College Algebra and Trigonometry

Calculus is fundamentally different from the mathematics that you have studied previously (calculus is less static and more dynamic; it is concerned with change in motion; it deals with quantities that approach other quantities). this course is primarily concerned with developing students' understanding of topics including functions and models, limits, derivatives, integrals, differential calculus, and infinite sequences and series. The course emphasizes a multi-representational approach to calculus, with concepts, results and problems being expressed graphically, numerically, analytically, and verbally. Through the use of these unifying themes, the course becomes a cohesive whole rather than collections of unrelated topics. Technology (graphing calculators: TI-83+ or TI-84+) will be used regularly to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Moreover, unlike AP Calculus, a student may earn high school credit only by successfully completing the class.

ADVANCED PLACEMENT CALCULUS

(MTH12)

Grades 12; 2 credits, Full Year Blocked Class**Prerequisite:** Honors Algebra II or Algebra II, Honors Geometry or Geometry, Honors Pre-calculus and Honors Trigonometry, Trigonometry or Pre-College Algebra. A or B in prerequisite course

Calculus is fundamentally different from the mathematics that you have studied previously (calculus is less static and more dynamic; it is concerned with change in motion; it deals with quantities that approach other quantities). This course is primarily concerned with developing students' understanding of topics including functions and models, limits, derivatives, integrals, differential calculus, and infinite sequences and series. The course emphasizes a multi-representational approach to calculus, with concepts, results, and problems being expressed graphically, numerically, analytically and verbally. Through the use of these unifying themes, the course become a cohesive whole rather than a collection of unrelated topics. Technology (graphing calculators: TI-83+ or TI-84+) will be used regularly to reinforce the relationships among the multiple representations of functions, to confirm written work, to implement experimentation, and to assist in interpreting results. Moreover, a student may earn high school credit, advanced placement credit (for one-semester college calculus 1 course and/or a one-semester college calculus 2 course), or both by successfully scoring on the Advanced Placement Calculus (AB or BC) exam.

PRINCIPLES OF ENGINEERING**Grades 9-12; 1 credit,****PLTW04 Year Long Skinny**

This survey of engineering exposes students to some of the major concepts they'll encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students also learn how to document their work and communicate their solutions to peers and members of the professional community. This course is designed for students who have completed Algebra II

Please consult your teacher and counselor to register for any of the following math classes.

LSS09S Basic Applied Algebra**Year Long Skinny****1 Credit****Teacher and Counselor Recommendation Required**

Basic Applied Algebra is specially designed to provide extra help in understanding algebraic concepts. The course teaches the key elements of algebra by using a sequential approach and strategies for problem solving. It meets the needs of the individual learner by adjusting the pace of instruction based on student performance.

LSS10 Basic Geometry**Year Long Skinny****1 Credit****Grades 10-12****PreRequisite- Basic Applied Algebra**

Basic Geometry is specially designed to provide extra help in understanding Geometric concepts. This course teaches the key elements of Geometry using a sequential approach and by adjusting the pace of the curriculum to fit the students needs.

MUSIC**TREBLE CHOIR (MUS12)****Grades 10-12; 1 credit, Year Skinny Class**

Open by audition only. Previous choral experience required. Studies and performs advanced music for treble voices from a variety of cultures and historical periods. Open to girls grades 10-12. Enrollment is for the full year. Meets daily.

VARSITY CHOIR (MUS11)**Grades 9-12; 1 credit, Year Skinny Class**

Open by audition only. Studies and performs music for mixed chorus. Includes instruction in music-reading and sight-singing. Open to grades 9-12. Enrollment is for the full year. Meets daily.

CONCERT CHOIR (MUS13C)**Grades 10-12; 1 credit, Year Skinny Class**

Open by audition only. Previous choral experience required. Studies and performs outstanding choral music from a variety of historical and cultural periods, including major works with orchestra. Tours every other year. Enrollment is for the full year. Meets daily.

CHORALE (MUS14)**Grades 11-12; 1 credit, Year Skinny Class**

The Chorale is the most select concert choir at MHS. Open to a limited number of students by audition, the Chorale performs advanced choral literature from the Medieval era to world premieres of new works. Significant choral experience and outstanding sight singing are prerequisites. By audition only. This group tours every other year.

VOCAL CHAMBER MUSIC (MUS15)**Grades 10-12; 1 credit, Year Skinny Class**

Open to Chorale and A Cappella Choir members by audition only. This course will offer advanced, small-group study of a variety of vocal repertoire for small ensembles, including Renaissance/Medieval music, vocal jazz, opera, and vocal part songs, tailored to student interests and abilities.

CONCERT ORCHESTRA (MUS062)**1 Credit, Year Skinny Class**

Concert Orchestra, an intermediate ensemble, is open to any 10-12 grade string student. Concert Orchestra is intended to be a preparatory ensemble for Symphony and Chamber Orchestras. Concert Orchestra meets daily, and performs a variety of string literature ranging from Baroque to contemporary works. Performances will be scheduled throughout the year.

SYMPHONY ORCHESTRA (MUS08)**1 credit, Year Skinny Class**

Open by audition only. Students auditioning for Symphony Orchestra are required to demonstrate proficiency in the fundamentals of string performance. Symphony orchestra meets daily, and performs a variety of string literature ranging from Baroque to contemporary works. Performances will be scheduled throughout the year. The Symphony Orchestra tours every other year.

CHAMBER ORCHESTRA (MUS07)**1 credit, Year Skinny Class**

The Chamber Orchestra is comprised of serious instrumental students selected through audition, and meeting the required proficiency standards of the ensemble. Emphasis will be placed on advanced orchestral literature and techniques. The Chamber Orchestra tours every other year.

STRING ENSEMBLE (MUS09)**Grades 9-12; 1 credit, Year Skinny Class**

This course will offer an intensive, small group study of ensemble literature and performance issues specific to individual instruments. This course is open to any orchestra student.

STRING SECTIONAL (MUS10) 1ST SEMESTER (MUS102) 2ND SEMESTER**Grades 9-12; 1/2 credit, Semester Skinny Class**

This course is designed to address technical aspects of string instrument playing. Emphasis will be placed on playing technique, tone production, sight-reading, and advanced string skills. This course is open to any orchestra student.

CONCERT BAND**(MUS01C)****Grades 9-12; 1 credit, Year Skinny Class**

Concert Band is open to students in grades 9-12 who have previous experience on a band instrument. Students will continue to develop tone and technique on their chosen instrument as well as play daily in a large group ensemble setting. Concert band performs a variety of styles of music for several public performances throughout the year. Students should anticipate being involved in the Moorhead High School Marching Band and Pep Band.

SYMPHONIC BAND (MUS02S)**Grades 9-12; 1 credit, Year Skinny Class**

Symphonic Band is an advanced instrumental ensemble which is comprised of students who have been selected by audition. Students in Symphonic Band will continue to develop tone and technique on their chosen instrument, as well as play daily in a large group ensemble setting. Students will perform a variety of music styles at several public performances throughout the year. Students should anticipate being involved in the Moorhead High School Marching Band and Pep Band. This group tours every other year.

WIND ENSEMBLE (MUS03)**Grades 10-12; 1 credit, Year Skinny Class**

The Wind Ensemble is the most advanced instrumental ensemble for students in grades 10-12 who have been selected through audition. Students in Wind Ensemble will participate daily in rigorous rehearsals that focus on tone and technique building as well as ensemble musicianship. Students will perform a variety of music styles at several public performances throughout the year. Students should anticipate being involved in the Moorhead High School Marching Band and Pep Band. This group tours every other year.

BAND SECTIONAL**(MUS05) 1ST. SEMESTER****(MUS052) 2ND. SEMESTER****Grades 9-12; 1/2 credit, Semester Skinny (offered both semesters)**

This course will offer more intensive, small group study of ensemble literature and performance issues specific to individual instruments. Various ensembles will be formed based on the instrumentation available. Students who wish to audition for various state honor bands or participate in solo and ensemble contest are encouraged to register for this course. This course is open to any instrumental music student.

SCIENCE

Moorhead High School Science Department Class Registration Recommendations

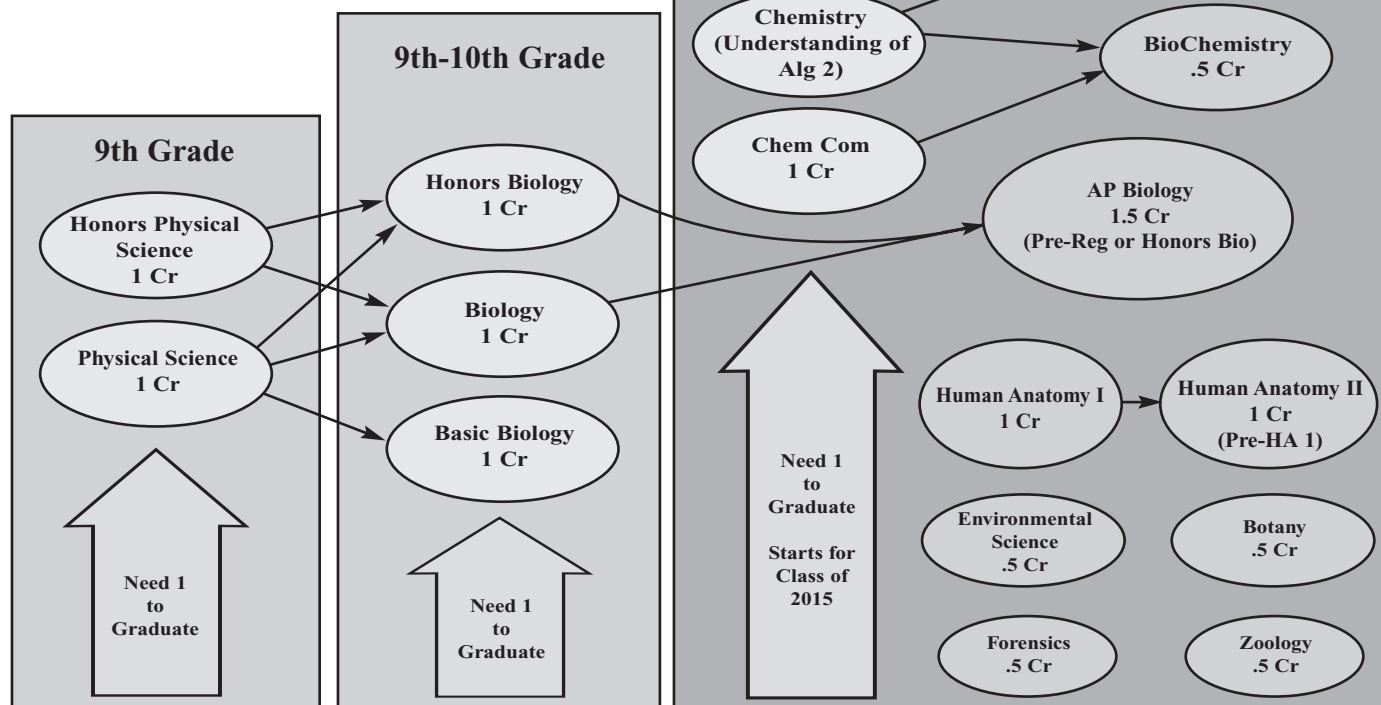
These are our recommendations for a MINIMUM course schedule. Extra science credits are STRONGLY suggested.

4 year University/College (Science Focus)
Physical Science (Honors or Regular)
Biology (Honors or Regular)
Chemistry
Physics
1.5 more elective science credits (see below)

4 year University/College (Non-Science Focus)
Physical Science (Honors or Regular)
Biology (Honors or Regular)
1 Physical Science (Chemistry, ChemCom, Physics)
1 more elective science credit (see below)

2 year Technical College, Vocational Tech, Community College, Military, Work Force
Physical Science (Basic, Regular, Honors)
Biology (Basic, Regular, Honors)
1 more elective science credit (see below)

* It is recommended that a Vocational/ Technical/Community College focused student should pick an elective that is aimed toward their career.



BIOLOGY (SCI03)

Grade 10; 1 credit, Year Long Skinny

Biology is a course that studies life. Course topics include the nature of science, biochemistry, cellular biology, ecology, genetics and evolution. Emphasis is placed on the biochemical processes of life, including life cycles and the interaction of life with nonliving things. In particular, several theories of science are examined, including Cell Theory, Germ theory, and Genetics and Chromosomal theory. In addition, Ecology and the study of human interaction in the environment, will be included in our learning.

ZOOLOGY (SCI13)

Grades 10-12; 1/2 credit, Quarter Blocked Class

Prerequisite: Biology, Honors Biology or Basic Biology

This class will explore the animal kingdom. Topics studied include the scientific method, classification, development and evolution of the various animal phylum and classes. This class will require students to actively participate in dissections which will include, but are not limited to, roundworms, clams, crayfish, grasshoppers, sea-stars, squid, fish and various mammals.

BOTANY/HORTICULTURE (SCI14)**Grades 10-12; 1/2 credit, Quarter Blocked Class****Prerequisite: Biology, Honors Biology or Basic Biology**

This class will study plants and their importance in supplying oxygen and the food we eat as well as their importance in our ecosystem. There will be an emphasis on gardening/horticulture and you will learn best practices to grow both vegetable and flower gardens. Labs will include growing plants and developing experiments to study how environmental changes effect plants.

HONORS BIOLOGY (SCI05)**Grade 10; 1 credit, Year Long Skinny Class****Prerequisite: 9th Grade teacher recommendation**

The focus of this class will be equipping students with skills and knowledge to successfully complete AP Biology and/or Human Anatomy and Physiology I. Normal biology curriculum will be followed with added emphasis in the areas that will enhance student performance in AP Biology and/or Human Anatomy and Physiology I. The class will be conducted with less emphasis on daily work and more emphasis on evaluation of knowledge and skills.

BASIC BIOLOGY (SCI02)**Grades 10; 1 credit, Year Skinny Class****Prerequisite: 9th grade teacher recommendation**

Basic Biology has the modified curriculum similar to that of regular Biology.

The course is designed for students that need more help due to reading difficulty or other academic concerns. Counselor placement or teacher recommendation is needed.

HUMAN ANATOMY & PHYSIOLOGY I (SCI06)**Grades 10-12; 1 credit, Semester Blocked Class****Prerequisite: Biology, Honors Biology or Basic Biology**

The focus of this course is the human body. It is excellent preparation for students interested in a career in the medical field such as sports medicine, athletic trainer, nursing, doctor, physical therapist, veterinarian, dentistry, etc. It is also excellent preparation for students interested in majoring in any science. Students will use labs to study human tissues and organ systems including integumentary, skeletal, muscular, digestive, circulatory. The laboratory will include the use of specimens, computer assisted programs and testing the students own body.

HUMAN ANATOMY & PHYSIOLOGY II (SCI062)**Grades 11 & 12; 1 credit, Semester Blocked Class****Prerequisite: Human Anatomy & Physiology I**

This course continues the study of the human body and is an excellent preparation for students interested in a career in the medical field such as sports medicine, athletic trainer, nursing, doctor, physical therapy, veterinarian, dentistry etc. It is also excellent preparation for students interested in majoring in any science. The focus of this course is the human body. Students will use labs to study organ systems including nervous tissue, central and somatic nervous system, autonomic nervous system, special senses, endocrine system, lymphatic system, immune system, urinary system, and reproductive system. The laboratory will include the use of specimens, computer assisted programs, and testing the students own body.

A.P. BIOLOGY (SCI07) - (SCI072) -**(SCI073) REGISTER FOR ALL THREE****Grades 11-12; 1.5 credits, Three Quarters Blocked Class****Prerequisite: Biology, Honors Biology****Concurrent Registration or Prior Enrollment:****Chemistry**

The focus of this class will be preparing students to take the AP Biology Exam. This class will be conducted with less emphasis on daily work and more emphasis on evaluation of knowledge and skills that are necessary to successfully complete the AP Biology Exam. The AP Biology curriculum will be closely followed and topics for this class would include molecular biology, anatomy/physiology of both plants and animals, molecular biology, and ecology. Students will complete several major lab activities based upon major biological themes. These labs may result in some students spending time outside the school day to complete their lab work. Prior to the AP Exam, students will be required to participate in a practice test session to familiarize students with AP testing procedure. The class will be 3 quarters and students could earn up to a year of college credit by successful completion of the AP exam. Students who successfully complete this class will be granted a graduation standard necessary for high school graduation.

CHEMISTRY IN THE COMMUNITY**(SCI08)****Grades 11-12; 1 credit, Semester Blocked Class****Prerequisite: Algebra I.**

Chemistry in the study of what substances are made of and the changes they undergo. In this class, chemistry is taught on a need to know basis as you learn how it applies to real life situations. This is a lab course in which you will get hands on experience using chemicals and doing experiments, while applying the scientific method. Students will learn many of the concepts taught in a regular chemistry course, but will learn them based on a connection of the real world. The course is broken down into units based on water, resources, petroleum, air, nuclear and food.

CHEMISTRY (SCI09S) SKINNY**Grades 10-12; 1 credit, Year Long Skinny****Prerequisite: Algebra I and 9th grade teacher recommendation for sophomores**

Chemistry is a study of the composition of materials and the changes these materials undergo. It is the design of the course that the student may gain more than just knowledge of materials. Proper thought processes and useful habits will be developed. Laboratory work is emphasized as an important means of learning scientific methods. Fundamental knowledge of algebraic concepts are necessary to understand the principles of stoichiometry, gas laws and the Laws of Conservation. The nature of chemistry is such that students must be willing to apply themselves diligently if they are to successfully complete the requirements of the course.

A.P. CHEMISTRY (SCI10) - (SCI102) -**(SCI103) REGISTER FOR ALL THREE****Grades 11-12; 1.5 credits, Three Quarters Blocked Class****Prerequisite: Chemistry****Concurrent Registration or Prior Enrollment:****Honors Pre Calc or Pre College Algebra**

The AP Chemistry course is designed to be the equivalent of the general chemistry course usually taken during the first college year. This course is designed to be taken only after the successful completion of a first course in a high school chemistry. Students enrolled in the class will be expected to develop an understanding of the following topics: Structure and States of Matter; Stoichiometry, Equilibrium, Kinetics and Thermodynamics. The course involves in-depth discussion on each of the topics along with extensive lab experience that requires the student to maintain their own lab manual. Adequate time will be allowed for interaction with the instructor. Students that complete the Advanced Placement Chemistry course will have an opportunity to take the Advanced Placement Exam for determination of college credit.

BIOCHEMISTRY (SCI09B)**Grades 11-12; .5 credit, Quarter Blocked Class****Prerequisite: Chemistry**

Biochemistry is intended to build upon those concepts students learned in chemistry and biology courses and expose students to current biochemical lab techniques. This course would be helpful to those students interested in a career involving chemistry, biology or medicine. Topics covered will include an overview of organic chemistry including lipids, carbohydrates, proteins, and nucleic acids, and in-depth exploration of protein chemistry, and laboratories including protein and DNA isolation.

PHYSICS**(SCI11) BLOCKED****Grades 11-12; 1 credit, Semester Blocked Class****Prerequisite: Algebra II****Useful but not required: Trig**

Physics is a study of matter and energy, and how various forms of energy are interrelated. It develops the basic principles fundamental to all sciences. Six major areas of study exist: mechanics, heat, sound, optics, electricity, magnetism, and modern physics. There is a major emphasis in mechanics, sound, and optics, with a minor emphasis in modern physics in this course. Class and laboratory requirements will apply mathematics learned in previous courses to analyze data, illustrate the relationships between variables, and solve written and applied problems. Equations, graphing, and elementary trigonometric analysis are essential parts of physics. In addition, computers will be used for selected laboratory exercises and data analysis. Prior knowledge of computer applications is not essential for success in the course. An understanding and appreciation of these physics principles is important for success today in many scientific and technological areas, including the fields of engineering, health and medical sciences, and computer design.

A.P. PHYSICS (SCI11AP)**Grades 11-12; 2 credits, Year Long Blocked Class****Useful but not Required: Registration or Prior****Enrollment in Calculus or AP Calculus**

This course completes the first-year college-level physics sequence at MHS. In most colleges, completion of this course is a required foundation in physics for students in the life sciences, pre-medicine, and other applied sciences. The student will be prepared to take the AP Physics B test upon completing this course. For some students, AP Physics C test preparation may also be possible in conjunction with AP Calculus B/C enrollment and additional physics instructor-directed independent effort.

ENVIRONMENTAL SCIENCE (SCI12)**Grades 11-12; 1/2 credit, Semester Skinny**

Environmental Science is an interdisciplinary study, which brings together ideas from biology, ecology, geology, sociology, and economics. The units covered in this course will include: local mammal, bird, and plant identification, ecology, past and present extinctions, past and present climate change, white-tailed deer management, and global and individual resource use.

FORENSIC SCIENCE (SCI12F)**Grades 11-12; .5 credit Quarter Blocked Class****Prerequisite: Biology, Honors Biology or Basic Biology**

Forensic Science is an interdisciplinary study, which will bring in topics from biology, chemistry, anthropology, physics, psychology, mathematics, engineering, and law. In addition, reasoning, critical thinking, reading, and writing skills will be developed. The units covered in this course will include: crime lab organization, evidence collection, hair and fiber analysis, blood typing and blood spatter, fingerprinting, DNA fingerprinting, toxicology, document analysis, and vehicle accident reconstruction.

BASIC PHYSICAL SCIENCE (LSS11) BPS**Teacher and Counselor recommendation required
1 credit class, Year Skinny Class**

This class focuses on increasing the knowledge of physical and chemical science. Such topics include: The Scientific Method, the Metric System, graphing, atoms, elements, matter, forces and motion. Curriculum and materials are chosen based on the skill and needs of the students in the class.

PRINCIPLES OF ENGINEERING

**Grades 9-12; 1 credit,
PLTW04 Year Long Skinny**

This survey of engineering exposes students to some of the major concepts they'll encounter in a post-secondary engineering course of study. Students have an opportunity to investigate engineering and high-tech careers and to develop skills and understanding of course concepts. Students employ engineering and scientific concepts in the solution of engineering design problems. They develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges. Students also learn how to document their work and communicate their solutions to peers and members of the professional community. This course is designed for students who have completed Algebra II.

SOCIAL STUDIES**UNITED STATES HISTORY III & IV
(SOC03)**

Grade 10; 1 credit, Semester Blocked Class

This course will focus attention on the 20th century history of the United States. Emphasis will be placed on major events and topics such as the progressive movement, imperialism, World War I, the roaring twenties, the depression of the thirties World War II, the Cold War (including the Korean and Viet Nam conflicts) civil rights, and political personalities and trends. Dates covered will be: US History III: 1877-1930 and US History IV 1930 to the present.

**UNITED STATES HISTORY IIIB & IVB
(SOC04)**

Grade 10; 1 credit, Semester Blocked Class

Required if not taking U.S. III or IV.

U.S. History IIIB and IVB have the same curriculum as U.S. History III and IV but are designed for students that need more help due to reading difficulty or other academic concerns. Counselor placement or teacher recommendation is needed.

**AMERICAN GOVERNMENT
(SOC10) BLOCKED**

Grades 11-12; 1/2 credit, Quarter Blocked Class

This course is to prepare students for the role of national citizenship. A democratic people must understand and appreciate the character of their society, its goals, purposes, limitations, methods of operation, and the boundaries or reasonable choice in their nation and world. Units to be studied include the executive, the legislative and the judicial branches of the U.S. government. Current events are considered to be an important part of each unit.

SMALL GROUP GOVERNMENT (SOC11)**SMALL GROUP ECONOMICS (SOC11E)**

Grades 11-12; .5 credit ea., Quarter Blocked Class

The concepts of the American government are reviewed from a practical view. As much as possible real life events from the news become the foundation of the courses' review of the American government system. In the economics portion of the class traditional economics concepts will be covered at a slower pace with emphasis on small group participation. The group will also develop a project centered around economic principals. Counselor placement or teacher recommendation is needed.

ECONOMICS (SOC07)

Grades 11-12; 1/2 credit, Quarter Blocked Class

Economics is a course designed to give students knowledge about, and appreciation of, the American economy and its position and role in a global economy. Specific issues examined include: economic choices, economic systems, the market economy (micro economics) which includes income, business organization, market structures, financial institutions, supply and demand, competition, entrepreneurship; the national economy (macro economics) which includes measure and analyze overall economic performance, federal budget, federal reserve system, economic growth; and essential skills which include analyze current events from an economic perspective and exposure to personal finance.

MENTORSHIP (ELE02)

Grades 11-12; 1/2 credit, Quarter Blocked Class

The Mentorship class is available to junior and senior high school students. The course is designed for students who are interested in a full spectrum of career options. These options may range from what has been traditionally termed the trades (electrical, carpentry, welding, masonry, etc.) to the professional areas (medicine, law, teaching, business, architecture, engineering, etc.)

Students will have the opportunity to learn about a trade or profession and to participate in an on the job experience with participating people in the Fargo-Moorhead community. This is an advanced level course requiring classroom work, on the job participation, research and independent work. Students will be required to provide their own transportation to and from the mentor's place of business. This course may be taken more than once for credit.

WORLD HISTORY (SOC05)

Grades 11-12; 1/2 credit, Quarter Blocked Class

World History is a required course that will review the progress of humanity. The student will be exposed to a survey of the following topics:

- a. The Renaissance and Reformation (1350-1600)
- b. Social and Political Change (1600-1900)
- c. Nationalism and Reform (1815-1914)
- d. The Twentieth Century

Emphasis will be placed on the ideas, events, personalities, and attitudes that had an impact on the development of civilizations. Dates covered will be: 1350 to the present

WORLD HISTORY B (SOC06)

Grades 11-12; 1/2 credit, Quarter Blocked Class

World History B has the same curriculum as regular world history but is designed for students that may need more help due to reading difficulty or other academic concerns. Counselor recommendation or teacher recommendation is needed.

SOCIOLOGY (SOC08)

Grades 11-12; 1/2 credit, Quarter Blocked Class

This Sociology course, an elective, will introduce the student to the field of Sociology. This will include concepts such as society and culture, roles and relationships, family patterns, the process of socialization, group dynamics, and current social problems.

PSYCHOLOGY (SOC09)

Grades 11-12; 1/2 credit, Quarter Blocked Class

Psychology is a behavioral science primarily concerned with the actions of humans. The purpose is to achieve an overview of the psychology field. Students will develop an understanding of themselves and others. Areas of study include human development, perception, learning, thinking, intelligence, creativity, emotions, motivations, personality, abnormal behavior and mental health.

A.P. AMERICAN HISTORY

(SOC14) - (SOC142) - (SOC143) REGISTER FOR ALL THREE

Grades 10-12; 1.5 credits, Three Quarters Blocked Class

AP U.S. History is a challenging course that is meant to be the equivalent of an introductory college-level course. This course is a continuation of the 9th grade Honors History. The main goal of the course is to prepare students for the Advanced Placement exam in United States History, and includes the potential for college credit. Students will explore America's past, examining cultural, political, geographical, economical and technological changes that have taken place and that have made us the nation we are today. Students will read, write, and discuss various historical interpretations for the major events, people, and ideas of United States History from 1865 - 1990. The class is very content-driven and the work is challenging and interesting. Solid reading and writing skills, along with a willingness to devote considerable time to homework and study, are necessary to succeed. Emphasis is placed on critical and evaluative thinking skills and interpretation of original documents.

A.P. MICROECONOMICS (SOC20)

Grades 11-12; 1 credit, Semester Blocked Class

AP Microeconomics gives students a thorough understanding of the principles of economics that apply to individuals and businesses within the context of the larger economic system. The course evaluates the efficiency of the market system by examining supply and demand, various market structures such as competitive markets and monopolies, market failures, and the role of government in the market. The course prepares students to take the Advanced Placement Exam by which the student can earn college credit.

A.P. MACROECONOMICS (SOC19)

Grades 11-12; 1 credit, Semester Blocked Class

AP Macroeconomics examines the principles of economics that apply to the economic system as a whole. Students will analyze the business cycle (why do we have recessions?), indicators of economic performance such as inflation and unemployment, monetary and fiscal policy, international trade, and currency exchange. The course emphasizes analysis of current economic problems and examines different economic schools of thought. The course prepares students to take the Advanced Placement Exam by which the student can earn college credit.

A.P. COMPARATIVE GOVERNMENT

(SOC17)

Grades 11-12; 1 credit, Semester Blocked Class

AP comparative Government gives students a basic understanding of the world's diverse political structures and practices by examining the governments of six very different countries – China, Russia, Great Britain, Iran, Mexico and Nigeria. The course encompasses the study both of specific countries and of general concepts used to interpret the key political relationships found in virtually all national politics. The course prepares students to take the Advanced Placement Exam by which the student can earn college credit.

A.P. U.S. GOVERNMENT AND POLITICS (SOC16)

Grades 11-12; 1 credit, Semester Blocked Class

AP American Government and Politics gives students an analytical perspective on government and politics in the United States. The course examines the structures and functions of government institutions, political parties and elections, and basic issues regarding civil rights and civil liberties. The course prepares students to take the Advanced Placement Exam by which the student can earn college credit.

A.P. PSYCHOLOGY (SOC18) - (SOC182) - (SOC183) REGISTER FOR ALL THREE

Grades 11-12; 1.5 credits, Three Quarters Blocked Class

The purpose of the AP course in psychology is to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. Students are exposed to the psychological facts, principles and phenomena associated with each of the major sub fields within psychology. They also learn about the methods psychologists use in their science and practice. The aim is to provide the student with a learning experience equivalent to that obtained in most college introductory psychology courses. Satisfactory completion of the examination will have the potential of awarding college credit, it is advisable to check with the colleges of your interest to learn how credits are awarded for advanced placement scores.

A.P. EUROPEAN HISTORY (SOC15)**Grades 11-12; 1 credit, Year Skinny Class**

Advanced Placement European History is a year long course, designed for college-bound high school students that surveys European political, social, economic, and cultural history from the Renaissance to the present. The student will do extensive essay writing, reading in a college-level text, and analysis of primary documents and other sources materials. Upon completion of this course, the student will be prepared to take an Advanced Placement Exam by which the student can earn college credit.

BASIC HISTORY 9 (LSS05)**Year Skinny Class****Teacher and Counselor recommendation required.**

This course focuses on American History from Settlement through Reconstruction of post Civil war era, and is designed for students who need additional instruction on reading and writing skills. Career awareness, and research based projects will also be incorporated into the classroom curriculum. Instruction provided uses a variety of reading and writing strategies to assist students who need to build on these skills.

WORLD LANGUAGES

AMERICAN SIGN LANGUAGE I

(WLG11)

Semester; grades 9-12; 1/2 credit, Quarter Blocked Class

Learn how to communicate in one of the most intriguing languages of the world. American Sign Language I will teach you the basis of communicating in the native language of the Deaf. It will also introduce you to the cultural aspects of daily living situations. Although this class is not listed as a World Language, many of the colleges and universities are accepting it as a World Language credit. It is a fascinating language and a lot of fun to learn. If you are interested in the field of teaching Deaf/Hard of Hearing students, interpreting or if you only want to learn the beautiful language of ASL, this class is for you. The offering of this course will be contingent on the hiring of a certified teacher.

SPANISH I (WLG05) BLOCKED

(WLG05S) SKINNY

Grades 9-12 1 Credit Semester Blocked Class or Year Skinny Class

Sí, everyone is able to learn Spanish! With Spanish being the most widely used second language in the United States, Spanish will be very beneficial to your future. Increased job opportunities, travel and the confidence to communicate in the Spanish-speaking world await you.

Students in Spanish I will:

- * Discover Hispanic celebrations and family life.
- * Learn about places in the city, leisure activities, school and eating manners.
- * Study sports, giving directions, travel and tourism.
- * Improve proficiency by speaking, understanding, reading and writing in Spanish.

SPANISH II (WLG06) BLOCKED

(WLG06S) SKINNY

Grade 9-12, 1 credit, Semester Blocked Class or Year Skinny Class

Prerequisite: Spanish 1 or demonstrated proficiency

The students in this course will:

- * Describe their daily routine and good health habits
- * Investigate cultural view points which help students to widen their perspectives on social and cultural issues.
- * Learn to communicate about past events.
- * Study food, houses, household chores and clothing.
- * Experience giving directions and following a map.
- * Use computers, dialogues, projects, DVDs and pair work to better utilize their developing Spanish skills.

Note: Frequently in Spanish 2 students start to realize that they are developing a very useful real-life skill.

* * * * *

Students taking Advanced Spanish courses (Levels 3,4,5) may take a college placement test at the college they attend. The test will assist in placing students into the proper college course PLUS students will earn college credits for the courses they test out of. Save time and money...You could well be on your way to a minor or major by taking the upper levels now!!

* * * * *

SPANISH III (WLG07) BLOCKED**Grade 9-12 1 Credit, Semester Blocked Class,****Prerequisite: Spanish II or demonstrated proficiency**

Four years of Spanish are recommended for minimum proficiency in the use of a language. Spanish III will reinforce and extend previously-learned skills.

Students in this class will:

- * Continue to describe past events and discuss future events, express hopes and wishes, and tell someone what to do.
- * Discuss community and environmental issues.
- * Discover Central America and its development of ecotourism.
- * Read authentic short stories and articles in Spanish.
- * Study the novel Don Quixote and famous Spanish artists.
- * Opportunities for travel to Spanish-speaking countries may be available to juniors and seniors.

Learning will be through video, cd's, text and workbook, projects, quizzes, tests and, of course, teacher assistance. A Spanish/English dictionary and the book 501 Spanish Verbs are recommended but not required.

SPANISH IV (WLG08)**Grade 9-12, 1 credit, Semester Blocked Class****Prerequisite: Spanish 3 or demonstrated proficiency**

Four years of Spanish are recommended for minimum proficiency in the use of a language.

Students in the course will:

- * Speak, listen, read and write meaningfully in Spanish.
- * Learn and use vocabulary for job interviews and the workplace.
- * Begin studying literature and art in the Hispanic World.
- * Learn the advanced verb tenses.
- * Study the politics, music and art of Spain and the New World.
- * Use computers, skits, music, DVDs and many social activities to practice Spanish.

SPANISH V (WLG12) SPRING SEMESTER**Grade 9-12 1 credit Semester Blocked Class****Prerequisite: Spanish IV or demonstrated proficiency**

Now that you have a strong understanding of the language, it's time to have fun by putting those skills into practice!

Students in this class will:

- * Use Spanish daily in conversations and activities.
- * Review grammatical concepts in the Spanish language.
- * Learn about different Spanish-speaking authors and explore a variety of types of literature in the Spanish language.
- * Focus on important and influential people in the Spanish-speaking world.
- * Experience new countries and regions through photos, culture and technology.

Notes: Levels V & VI will build up your skills before taking college placement tests!

MANDARIN CHINESE I (WLG16S) Skinny**Grade 9-12****(WLG16) Blocked****1 credit Year Long Skinny / Semester Block**

This course is aimed to support and enrich the learning of Chinese language, history, arts, literature, and culture for students. Students will acquire their language skills in Mandarin pronunciation, Chinese character, composition, reading, oral expression, and other literary skills. Students will also amplify cultural literacy, and build a connection to the Chinese culture through festival celebrations, culture exploration and discussion. This course is the first course in a sequence for Mandarin Chinese.

MANDARIN CHINESE II (WLG17S) Skinny**Grade 9-12****(WLG17) Blocked****1 credit Year Long Skinny / Semester Block**

A continuation of Mandarin Chinese I. The focus will still be on understanding Chinese culture and strengthening your knowledge of speaking, reading and writing skills. Students will continue to write in sentences in characters while learning sentence structure as complexity increases. Some topics may include: clothes and colors (while learning the meanings and importance of certain colors, etc.); descriptive term; activities and sports; travel; shopping; weather; and animals. Come learn more about this fascinating, ancient culture and language!

World Language

Under school board policies, the Moorhead Public Schools website had the following information available regarding the test out procedure (credit for learning on MN graduation standards) of a World Language course.

- policy #653.1: procedure for testing out a course
- policy #653.2: world language placement and assessment information

WORK EXPERIENCE**VOCATIONAL SEMINAR 9-10 & 11-12**

LSS26 Vocational Seminar 9 & 10 1 Credit, Year long Skinny Class

LSS27 Vocational Seminar 11 & 12 2 Credit Year Long Blocked Class

Counselor and Teacher Recommendation Required

Vocational Seminar 9-10 will focus on self-awareness, career investigation, communication at the work site, finding a job, applications and interview skills. Vocational Seminar 11 & 12 focuses on the application of the fundamental skills learned in Vocational Seminar 9 & 10. Through hands-on activities, students will learn how career choices impact their lifestyle including the areas of transition: recreation activities, homeliving, community involvement and post -education and training.

VOCATIONAL EXPERIENCE (LSS28)

2 credit, Year Blocked Class

ELECTIVE CLASS

Teacher, Counselor and Case Manager Recommendation Required

The philosophy behind vocational experience is to improve student's work skills in a supported employment setting. The school based program of students going to work is not designed for students to earn money but rather for students to improve and gain skills important to be successful as an adult in the work force, make connections with community members and earn credit for graduation. Students in grades 10-12 will experience one or two volunteer work settings in a given year. Support is provided as needed to ensure student success at the work sites.

COMMUNITY AND WORK (LSS32)

1 credit, Year Skinny Class

Teacher, Counselor and Case Manager

Recommendation Required

Community and Work is a resource class for students who have Individual Education Planned Programs. The curriculum involves programming pertaining to social skills, functional communications, beginning of a vocational experience and on the job planning. Students will explore the process for career searching, maintaining job skills and exploring career options/interests. Communication focuses on interacting with the application of social skills within the school, community and worksite settings.

COMMUNITY WORK EXPERIENCE (LSS33)

1 credit, Year Skinny Class

Teacher, Counselor and Case Manager

Recommendation Required

Students that participate in this experience will become familiar with the world of work by becoming more aware of and practicing behaviors, attitudes, and skills for vocational success. The school based program of students going to work is not designed for students to earn money but rather for students to improve and gain skills important to being successful as an adult in the work force, make connections with community members and earn credit for graduation. Students may start the work experience when they are 16 years old and continue until they graduate. Support is provided as needed to ensure student success at the work sites.

PEER TUTORING

(ELE15) QUARTER BLOCKED

(ELE155) SEMESTER SKINNY

.5 credit Quarter Blocked

.5 credit Semester Skinny

Grade 11 & 12; B average or higher; .5 credit

May take up to 1 credit per year

If you have a desire to help others and meet the following criteria this class may be for you:

be a junior or senior

have a 3.0 GPA or higher

be an independent learner

use your scheduled peer tutoring time in a classroom

ELECTIVES

BASIC CONSUMER LIFE SKILLS (LSS22)

(9th and 10th grade only)

1 credit, Year long skinny class

****Please note: Juniors and Seniors should register for 3 skinnies of Lifeskills Transition instead of basic consumer life skills**

This course is to instruct students in the functional skill area of using math in their daily lives in order to maximize their independence across all settings. Some of the units covered are checking, budgeting, time, money, problem solving and consumer skills just to name a few.

FUNCTIONAL LIVING SKILLS (LSS23)

(9th and 10th grade only)

1 credit, Year long skinny class

****Please note: Juniors and Seniors should register for 3 skinnies of Life skills Transition instead of functional living skills**

This course is to instruct students in the skill area of using functional reading and writing in their daily lives in order to maximize their independence across all settings. Some of the units covered are newspapers, using a phonebook, reading for information, following instructions, completing forms and journaling.

LIFE SKILLS STRATEGIES (LSS24S)

1 credit, Year long skinny class

This class is designed to support the life skills classes and assist with work completion and organization.

LIFE SKILLS TRANSITION (LSS24)

This course is designed for Juniors and Seniors who have transition needs as identified on their IEP. ***Students must sign up for 3 skinnies in a row of Life Skills Transition.

Please note: Students will receive a Math and English credit for taking Life Skills Transition as functional math and English related skills are emphasized throughout the course.

Learning about self awareness and self advocacy. How to make decisions, understanding decisions and consequences. Social Skills, Self advocacy, technology, and personal care skills will be targeted.

Explore necessary skills in maintaining one's home and living independently. Themes will include: home safety, home maintenance, cooking and nutrition, maintaining your home inside and out and living with room mates.

Students will also develop awareness of recreational life long hobbies/interests to continue a healthy lifestyle post high school.

Learn how to be involved in your community through volunteering and build awareness of the opportunities available. Themes include vacation planning on a budget, transportation, technology, agency services, shopping, home services and community education programs.

ASSISTIVE TECHNOLOGY CLASS

(LSS29`)

1 credit, Year long skinny class

Teacher, Counselor, and Case Manager recommendation Required

This course is for use of assistive technology (AT) as documented in the individual education plan. An Assistive Technology assessment must be on file to determine AT programming. The student's AT programming is based on individual needs in the identified areas of communication, reading, writing and/or math.

STUDY STRATEGIES 10 (LSS02)

1 credit, year Skinny Class

**Teacher , Counselor, and Case Manager
recommendation Required**

This course is designed for tenth grade students and focuses on learning strategies to continue to improve reading, writing, and self advocacy skills as well as assist students in learning to organize and prioritize their course work to meet the students' mainstream curriculum requirements. Students are graded on participation in strategy and transition lessons and activities, keeping an accurate and complete assignment book, prioritizing their work, and using their time wisely.

STUDY STRATEGIES 11 & 12 (LSS03)

Grades 11-12, 1 credit, Year Skinny Class

**Teacher , Counselor, and Case Manager
recommendation Required**

Study Strategies 11 & 12 is a class designed for juniors and seniors to help them prepare for graduation and their transition towards life after high school.

Along with homework support, students will begin to learn and practice a variety of skills necessary for a successful transition. The activities designed will assist students who are college bound and/or work bound. They will learn to advocate for themselves, become more independent, and take care of necessary needs in the school and work setting.

INSTRUCTIONAL STUDIES (LSS17)

Grades 10-12, 1 credit, Year Skinny Class

**Teacher , Counselor, and Case Manager
recommendation Required**

Instructional studies class focuses on social skills lessons which assist students in understanding and dealing with emotional/behavioral issues. These issues include, but are not limited to; assertiveness training, anger management, conflict resolution, peer pressure, organizational skills, and appropriate social interactions. This class also supports students with assignment completion in academic classes.

**DCD SELF CONTAINED PROGRAM
(LSS34)**

Teacher and Case Manager approval needed.

Program focus: A functional life skills curriculum with an emphasis on achieving the maximum level of independence (based on each individual) in each of the 3 transition areas. The 3 areas are: community (home living, recreation, leisure); post secondary planning and employment. A portion of this program is community based as appropriate.

Moorhead High School in the last few years has added several course that are considered STEM classes. Science/Technology/Engineering/Mathematics

S.T.E.M./Project Lead The Way (PLTW)

Project Lead The Way prepares students to be the most innovative and productive leaders in Science, Technology, Engineering, and Mathematics and to make meaningful, pioneering contributions to our world. PLTW partners with middle schools and high schools to provide a rigorous, relevant STEM education. Through an engaging, hands-on curriculum, PLTW encourages the development of problem-solving skills, critical thinking, creative and innovative reasoning, and a love of learning. The PLTW middle and high school STEM education programs give students a brighter future by providing them with a foundation and proven path to college and career success in STEM-related fields. STEM education is at the heart of today's high-tech, high skill global economy.

Courses we offered at Moorhead High School:

PRINCIPLES OF ENGINEERING

*New This Year

Description is under Industrial Technology, Math and Science Departments

INTRO TO ENGINEERING DESIGN

Description is under Industrial Technology Department

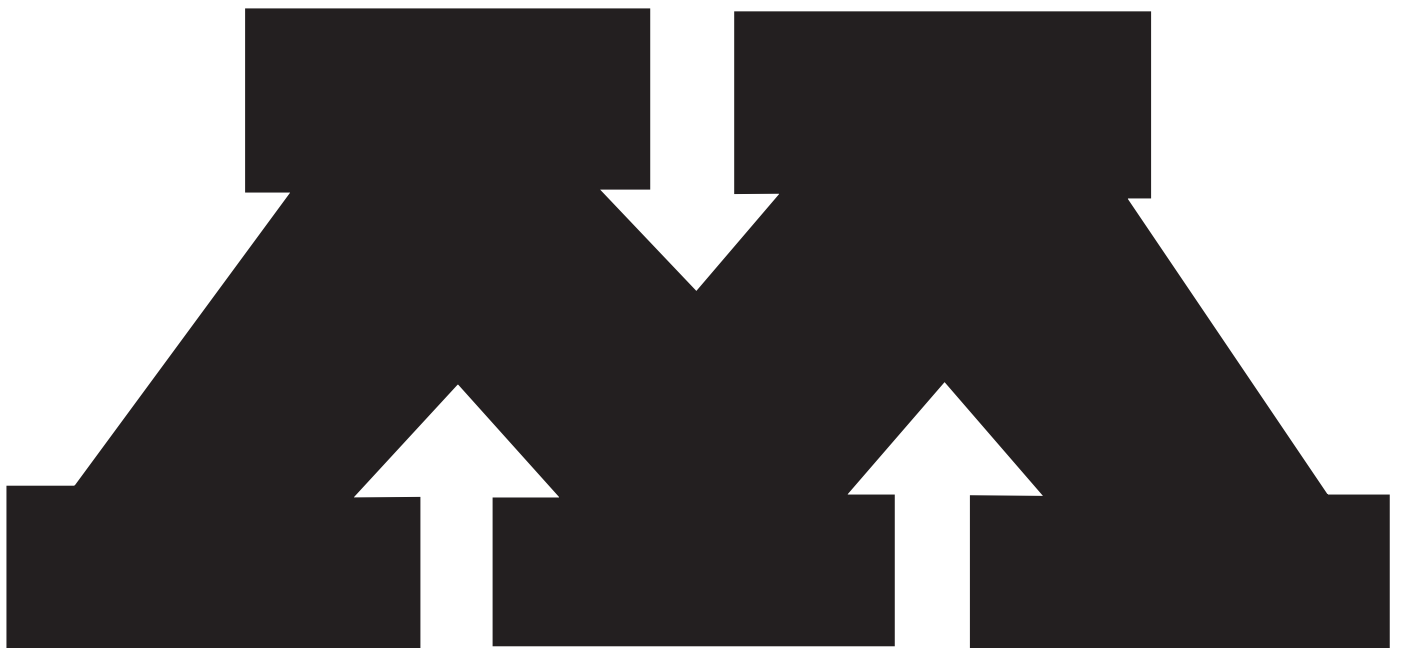
DIGITAL ELECTRONICS

Description is under Industrial Technology Department

Notes

Lined area for notes.

PLAN YOUR FUTURE



MOORHEAD HIGH SCHOOL