

JAMESTOWN HIGH SCHOOL



COURSE OFFERINGS

2018-2019

Jamestown High School



Mission Statement

Learning for All

Prepared by
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Jamestown High School

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ASS'T PRINCIPAL
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Dear Students and Parents/Guardians,

The community of Jamestown, State of North Dakota, and the United States of America, through funding from all sources invites you to select your courses for the upcoming school year at Jamestown High School (JHS). We have a dedicated staff that has, and will, continue to develop courses and programs aligned with preparing all our students for their futures.

Our goal for all of our students at JHS is to graduate “choice ready” for employment or post –secondary school. No matter what your choice is after high school, you will need vital 21st Century skills, namely Critical Thinking, Creativity, Collaboration, and Communication commonly referred to as “the 4 C’s.” Being choice ready in the 21st Century goes beyond just knowing, and moves to having the skill and the will to do something with what you know.

Having high levels of knowledge means little if you cannot apply it to our increasingly complex world. No matter where your educational or career path takes you, being choice ready means: having high levels of literacy; being able to problem solve with mathematics; being civically engaged, responsible, and discerning; having knowledge about scientific processes, trends, and challenges; learning how you learn best; having social skills, and character; being inspired and finding your passion; and effectively communicating your ideas. These competencies are embedded in our curricula, basic graduation requirements, and overall school experience. To truly be “choice ready” our students and families should work together to develop plans of study that are challenging, and align with discovering their passions.

Decisions around your yearly plan or four year plan can be influenced by a myriad of items to consider in the present and the future. The State of ND offers an Academic or Career Technology Education (CTE) Scholarship that align with preparedness and resources for further education and we have course offerings that align with these outcomes. Some of our course offerings may have changed or may change based on enrollment, resources, and alignment with preparing our students for the 21st century.

Consider all of the hands on learning opportunities at the James Valley Career/Technology Center. These courses complement our “choice ready” philosophy as skills and knowledge are applied to real world opportunities. Ensuring your decisions align with these factors and your ambitions can best be supported by a team.

Please take time to familiarize yourself with this program of studies and feel free to contact JHS staff with questions about courses. Our counseling staff (Mrs. Nelson at 952-4011, Mrs. Skunberg at 952-4012 and Mr. Soulis at 952-4157) will be happy to answer any questions that arise.
Together, we will ensure all our students are ready for their future.

Sincerely,

Adam M. Gehlhar

NOTIFICATION OF NON-DISCRIMINATION POLICY

YOU ARE HEREBY NOTIFIED Jamestown Public Schools does not discriminate on a the basis of race, color, national origin, sex, or handicap in the educational programs or activities which it operates, and that it is required not to discriminate in such a manner. This requirement not to discriminate extends to educational programs and activities, as well as to employment therein.

YOU ARE FURTHER NOTIFIED that inquiries concerning the application of this Policy may be referred to the Assistant Superintendent, who has been designated as the person responsible for coordinating the efforts of Jamestown Public Schools to comply with and carry out these responsibilities, including any investigation of complaints alleging noncompliance. The office address and telephone number of our coordinator are as follows: 207 2nd Avenue SE, Jamestown, ND 58401, telephone number 252-1950.

EDUCATIONAL PHILOSOPHY

The philosophy of the Jamestown High School is to provide an educational experience designed to continue the intellectual, physical, emotional, and social development of each student to become a responsible and productive citizen in society. The Jamestown High School will provide the opportunities for students to grow and discover themselves, to clarify values and establish loyalties, to think and inquire intelligently and systematically, and to question rationally.

The objectives of the Jamestown High School are:

- To provide an academic curriculum which is varied, challenging, and adaptable to the needs of all students.
- To provide opportunities for students wishing to develop their skills and talents in co-curricular activities.
- To provide caring and competent staff, support staff, and administrators who are willing and able to help students with their academic and personal development.
- To provide an educational and social environment that encourages students to be responsible and accountable for their actions.

ACCREDITATION

Jamestown High School is fully accredited by the North Central Association of Colleges and Secondary Schools. The North Central Association is the largest educational accrediting agency in the United States. Its membership consists of selected colleges and secondary schools in a nineteen state region.

GENERAL INFORMATION

CREDIT REQUIREMENTS

A total of twenty-two (22) credits are required for graduation from Jamestown High School. The following are required:

Course	Credits	Course	Credits
Language Arts	4	Personal Finance	0.5
Social Studies	4	Computer Lit Course	0.5
Mathematics	3	Physical Education	1
Science	3	Health	0.5
Electives	2.5		
Fine Arts, Foreign Language, or Career Technology	3	Total	22

MAKING THE GRADE

Grades earned during a student's freshman, sophomore, and junior years determine senior class rank and grade point average. Colleges and other post-secondary schools frequently award scholarships based in part upon class rank and GPA.

During a student's high school years, he/she will be requesting recommendations from teachers, principals, and counselors. Students may be rated on such factors as attendance, motivation, attitude, honesty, appearance, participation, health, conduct, and insight. A student's awareness of these factors may help him/her compile the school record he/she desires.

CLASS STATUS

Class status is determined by number of credits earned.

In order to be a:	Number of credits needed:
Sophomore	5.5
Junior	11
Senior	16

DUAL CREDIT

Juniors and seniors at Jamestown High School can enroll in post-secondary academic and technical courses from regionally and nationally accredited colleges and receive both high school and college credit.

Students and parents or legal guardians are responsible for the costs related to receiving post-secondary credit. A student enrolled in an approved class will receive both high school and college credit. The counselors have information on courses available at Jamestown College, NDSCS at Wahpeton, and Lake Region State College at Devils Lake.

Students must register for and have the dual credit class approved before the class begins. Juniors or seniors considering dual credit must have a 3.2 or higher cumulative GPA. The process for registering for dual credit is: (1) Secure the dual credit enrollment form from the principal; (2) Have the college complete and sign their section; and (3) Return the enrollment form to the principal for final approval by the superintendent.

Financial Aid is available for students who qualify for free or reduced lunch and meet the criteria for dual credit classes.

TAKING THE ACT

Taking the ACT assessment is a first step in planning one's future after high school. The ACT consists of four academic tests and a writing assessment that measures educational development. It also has a detailed questionnaire that collects information relevant to educational and career planning. The ACT is recommended or required by many post-secondary institutions and scholarship programs. The ACT will be administered to Juniors at no cost in the spring on a date determined by the Department of Public Instruction.

TAKING THE SAT

The SAT is a three-hour, multiple-choice test that measures the verbal and mathematical abilities students have developed both in and out of school. The SAT is required for certain scholarships and is preferred over the ACT by certain colleges for meeting admissions requirements. Students are encouraged to take the SAT assessment during the second semester of their junior year or early in their senior year. Students should check college catalogs and review scholarship requirements to determine which of the two tests, the ACT, or the SAT, to take.

TAKING ACHIEVEMENT TESTS

Some colleges also require achievement tests developed by the College Board. The achievement tests are one-hour, multiple-choice tests in specific subjects. Achievement tests measure your knowledge of particular subjects and your ability to apply that knowledge. Some colleges require one or more achievement tests for admissions or placement purposes. Again, students should check the requirements of the college before deciding which tests to take.

HOUSE BILL 1400 SCHOLARSHIPS

North Dakota Academic Scholarship

This scholarship is for \$750 a semester up to eight semesters (\$6000 max). It is valid for up to six years after high school graduation and semesters do not have to be consecutive. The students must meet the requirements for the regular diploma and also the following:

- Math has to be through Pre-calculus
- Two credits of the same Foreign Language or CTE Plan of Study
- One credit in Fine Arts or Career and Technical Education
- One additional unit in any Foreign Language, Fine Art or Career and Technical Education
- One credit of Advanced Placement or Dual Credit
- Students may not have a grade lower than a C and must have a cumulative 3.00 GPA
- Students must have an ACT of 24 or higher *the ACT on the state scheduled date will be paid for by JPS

North Dakota Career and Technical Education Scholarship

This scholarship is for \$750 a semester up to eight semesters (\$6000 max). It is valid for up to six years after high school graduation and semesters do not have to be consecutive. The plan of study and Work keys is coordinated through the Career and Technical Center. The students must meet the requirements for the regular diploma and also the following:

- Math through Algebra 2
- Two credits in a Career and Technical Education plan of study
- Three additional credits, two must be Career and Technical Education
- A fifth credit requirement can be either a CTE, a fine art, or a foreign language credit
- Students may not have a grade lower than a C and a cumulative 3.00 GPA
- Students must have an ACT of 24 or higher or a Work Keys score of 15 or higher *the ACT or Work Keys on the state scheduled date will be paid for by JPS

SUGGESTED CURRICULUM FOR CAREER PLANNING

North Dakota Four-Year College Requirements:

Do you plan to attend a four-year university? The following six public universities in the North Dakota University System are:

Dickinson State University
University of North Dakota

North Dakota State University
Minot State University

Mayville State University
Valley City State University

ND University System Admission requirements are:

4 units of *English*: including the development of written and oral communication skills

3 units of *Mathematics*: algebra 1 and above

3 units of *Laboratory Science*: including at least 1 unit each in 2 or more of the following: biology, chemistry, physics or physical science, environmental science

3 units of *Social Studies*: excluding consumer education, cooperative marketing, orientation to social science, and marriage/family

If you plan to attend a four-year university, the North Dakota University System recommends that you take at least two foreign language courses. Additional courses may be required before you can be admitted to some college programs. Your school counselor can tell you more about specific requirements for the programs that interest you.

If you do not take the course required to attend a four-year university, you may attend a two-year college. After successfully completing 24 college credits, you may be eligible to transfer to a four-year university.

My High School Course Plan to Reach My Occupational Goal

Please note graduation credit changes for future classes. (The requirements are listed below under "JHS".) For those students planning to enroll in a four-year state college or university, additional courses are listed below under "UNIV.".)

Program Registration/Schedule Changes

Students make out their programs of study in February and March. The counselors and Principal approve their requests for classes. Students do not select their teachers. Courses may not be dropped without written consent of a parent or guardian. The only acceptable reasons for schedule changes are:

- 1) computer error
- 2) did not pass the required or prerequisite courses and
- 3) schedule is not complete.

Course Plan to Reach My Occupational Goal

Required	Jamestown High School	UNIVERSITY
English	4	4
Mathematics	3	3
Science	3	3
Social Studies	4	3
Health/Physical Education	1.5	
Computer Literacy Course	.5	
Foreign Language, Fine Arts, or Career Technology	3	
Personal Finance	.5	
Electives (Minimum)	2.5	
Total	22	

4 Year Course Planning Sheet

Required Credits	9th Grade	Cr	10th Grade	Cr	11th Grade	Cr	12th Grade	Cr
English - 4								
Mathematics - 3								
Science - 3								
Social Studies - 4								
Health Physical Education - 1.5								
Computer Literacy - .5								
Foreign Language, Fine Arts, or Career Tech - 3								
Personal Finance - .5								
Electives								
Total							Required To Graduate	22

ART

ART 1 ----- Elective 9–12 ----- 1/2 credit

---- This course is an introduction to the basic principles of art. The areas to be covered are: elements and principles of design, drawing, shading, perspective, print-making, painting, digital art, sculpture and pottery. This course is designed for the beginning art student.

ART 2 ----- Elective 9–12 ----- 1/2 credit

---- **Prerequisite: Art 1**

---- This course deals with art principles on a more technical level. The areas to be covered are: color theory, painting, design, composition, value, figure drawing, sculpture, and pottery. This course may also provide a discussion and exploration of career opportunities in the art world. Although this course focuses on creation, it may also include the study of major artists, art movements, and styles.

ART 3 ----- Elective 10–12 ----- 1/2 credit

---- **Prerequisite: Art 1 & 2**

---- This course is designed for the advanced art student and it provides the student with the knowledge and opportunity to explore an art form and to create individual works of art. This class will involve projects in the areas of drawing, painting, pottery, sculpture, and print-making.

ART 4 ----- Elective 10–12 ----- 1/2 credit

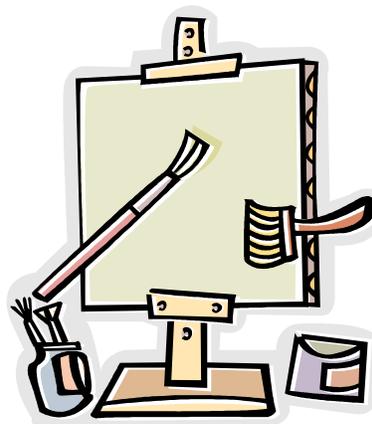
---- **Prerequisite: Art 3 (with permission of instructor)**

---- This course is designed for the advanced art student. As students advance and become more adept, the instruction regarding the creative process becomes more refined, and students are encouraged to develop their own artistic styles. This class will involve projects in the area of: drawing, painting, sculpture, glass etching, collage, ink, and watercolor.

AP STUDIO ART ----- Elective 11–12 ----- 1/2 credit

---- **Prerequisite: Art 4 (with permission of instructor)**

AP Studio Art is for highly motivated students who are seriously interested in the study of art; the program demands significant commitment. It is highly recommended that studio art students have previous training in art. As in any introductory college course, students will need to work outside the classroom, as well as in it, and beyond scheduled periods. Students will develop technical skills and familiarize themselves with the functions of visual elements as they create an individual portfolio of work for evaluation at the end of the course. The emphasis of this class is on critical analysis and innovative art-making processes and products. This is a dual credit class.



BUSINESS/INFORMATION TECHNOLOGY

Why take Business Education or information technology classes? Business Education courses add new dimensions to learning: hands-on in addition to eyes-on. Many students learn better that way. A business course relates academic subjects to the real world and shows how reading and math can be applied in "real world" situations. Self-confidence, self-awareness, good work habits, problem solving, critical thinking, punctuality, reliability, teamwork, and leadership are learned in Business Education classes. Students will explore career interests and learn applications that will be used for a lifetime. Students must take ½ credit in a computer literacy course. Courses that meet this requirement are denoted in the list. *Some information provided by www.nbea.org

WORD PROCESSING -----Meets 9–12 Requirement-----1/2 credit

Prerequisite: None.

Are you ready to create professional looking documents for your teachers? You will begin with a foundation of the basics skills needed to prepare an assortment of business documents using Microsoft Word. We will also explore other application software such as PowerPoint. You will select and apply software to common tasks. Students will also learn about internet safety and ethics through the I SAFE program. This course is for students who have not taken Word Processing previously.

COMPUTER APPLICATIONS Meets -----9–12 Requirement ----- 1/2 credit

Prerequisite: None, Recommended MS or HS Word Processing

This is a practical course that trains students to use a wide range of computer applications programs. Students will practice using Word, Excel and Publisher. The course will familiarize students with computers and their applications. Students will apply skills that will be used throughout high school, college, and future careers.

WEB PAGE & GRAPHIC DESIGN-----Meets 9–12 Requirement-----1/2 credit

Prerequisite: None, Recommended Word Processing/Computer applications

Students will plan and design personal web pages using WordPress and Adobe Dream Weaver software. Throughout the course, the students will also learn to take digital pictures, edit those images and manipulate them to create various graphic designs using Adobe Photo Shop. Students will learn to incorporate their graphic designs into the web pages they create and maintain. We will also explore various careers that involve web and graphic design. This class is the stepping stone for you being a webmaster in Web Page and Graphic Design 2.

WEB PAGE & GRAPHIC DESIGN 2 -----Elective 9–12 -----1/2 credit

Prerequisite: Web Page and Graphic Design

Are you ready to take on the role of WEBMASTER? During this course you apply all of your skills from Web Page and Graphic Design and much more. You will act as the webmaster for assigned pages on the high school web, which will include the design, creation, maintenance and publishing of your pages. You will develop strong communication skills while interviewing and obtaining information from a variety of sources to keep our website up-to-date.----- Throughout the course, you will also be diving into some advanced features of web design, Photoshop and much more.

PROGRAMMING -- Meets 9–12 Requirement --- Elective 10–12 ----- 1/2 credit

Prerequisite: Word Processing, Computer Applications or Web Design

Programming is a semester course designed to provide the student with basic programming concepts that can be transferred to other programming languages. Foundational concepts and fundamentals of computer programming are explored and students are provided with opportunities to increase their communication, teamwork, and critical thinking skills. Languages used will include HTML, JavaScript, and Visual Basic. This is an upper level class.

ACCOUNTING 1 and 2 ----- Elective 9–12 ----- 1 credit

Prerequisite: None, Algebra recommended

A study of topics in financial accounting including: the accounting cycle forms of business organizations, assets, liabilities, owner's equity, and financial statement preparation and analysis. Students will work with an online automated accounting system and complete a business simulation. This is a vital course for any student who desires to gain a better understanding of how businesses function and maintain accurate records of their operations.

ACCOUNTING 3 and 4 ----- Elective 10–12 ----- 1 credit

Prerequisite: Accounting 1 & 2

This course is designed to meet the needs of students interested in entry-level jobs in accounting and/or business or who are interested in furthering their study in a post-secondary school. Students will perform daily activities and end-of-fiscal period work for a departmental merchandising business organized as a corporation. An automated simulation on a corporation and a manufacturing cost for a business simulation will also be included.

PERSONAL FINANCE ----- Required 11–12 ----- 1/2 credit

Prerequisite: None

Get ready for the "Real World"! This class will provide you with a strong foundation of personal finance skills to help you become effective citizens. You will learn the responsibilities and realities of acquiring, handling, and spending money and the legal responsibilities that go along with each of these. We will sharpen your ability to manage your own finances and make you aware of some of the inducements and temptations you will face as you choose how to manage your money. Units covered are Financial planning, Budget, Credit, Banking, Investment, Insurance, Careers and living on your own.

MULTIMEDIA I ----- Meets 9–12 Requirement ----- 1/2 credit

Prerequisite: None, Computer Applications, or Word Processing recommended

Students will utilize multimedia software to create images, logos, backgrounds, and navigation tools for digital display in multimedia and internet applications. Students will learn the basics of digital and audio/video editing, how to create digital animations and create basic multimedia applications.

MULTIMEDIA II ----- Elective ----- 1/2 credit

Prerequisite: Multimedia I, Web Design

Students will utilize multimedia skills to enhance school and community communications. Students apply digital and audio/video editing to school wide projects and utilize more sophisticated tools in graphics design and production. Students must be able to demonstrate a professional attitude and ability to work independently and in groups.

FAMILY AND CONSUMER SCIENCE

CLOTHING/TEXTILES 1-----Elective 9–12 -----1/2 credit

Students in Clothing and Textiles Class will explore such topics as clothing and society, the fashion world, careers in fashion and the textiles industry, color and design, fibers and fabrics, clothing selection – within a budget, care and repair of clothing and textiles in home decor, sewing techniques – both machine and hand stitching and needlework crafts. The students will complete 2 major projects, one of which is constructing a quilt using the various techniques learned in class. The skills learned in this class will be used throughout life when planning, selecting and caring for clothing and other textile items in the home. There will be a cost involved for the project the students complete and take home.

NUTRITION & FOOD PREP 1 ----- Elective 9-10 -----1/2 credit

This course is designed to introduce students to the world of Foods and Nutrition and to begin to develop a love of cooking. It will increase their knowledge and skills when working with food. It allows students to discover how the food they eat affects their health. They will investigate and analyze healthy diets and various eating disorders. Students will learn how to plan nutritious and appealing meals. They will prepare foods from each of the food groups as well as teen favorites, including salads, soups, breads, cakes, cookies, appetizers, meats and dairy products. They will also have an opportunity to sample various foods prepared for them as demonstrations by the instructor. They will learn of the importance of safety and sanitation in the kitchen and practice these skills when cooking in the kitchen labs. Students will have a chance to share a food tradition or family favorite food during the two family tradition feast days.

NUTRITION & FOOD PREP 2-----Elective 11–12 -----1/2 credit

Students will have an opportunity to practice many cooking techniques as they prepare a variety of foods from the food groups and various meal courses. Tasting new foods through demonstrations and cooking labs is an important part of the class. Students will spend time investigating food cultures and cuisines of people around the world, preparing many foods from the various countries and enjoying recipes prepared by guest cooks. A highlight of the class is the ethnic taste day and project. Students will also review safety and sanitation in the kitchen as well as the nutrition information necessary for healthy food choices. The skills learned in the class can be used throughout life when planning, selecting and preparing food for themselves and their families.

INDEPENDENT LIVING ----- Elective 11–12 -----1/2 credit

Independent Living class is designed to help students become better prepared to live on their own. They will begin by taking a close up view of themselves – their growth and development, personalities, attitudes and decision making skills. The second part of the class deals with skills for life, such as careers, a place to live, clothing selection, maintenance and repair, meeting food needs, and managing time and money. The students will learn basic sewing techniques and complete a sewing project, practice safety and sanitation in the kitchen when preparing food items, and complete a room design project. This is a class that will benefit everyone as they graduate high school and become independent citizens in our society.

FAMILY LIVING ----- Elective 11-12 -----1/2 credit

Family Living class is designed to help students meet the challenges of shifting life styles and prepare them for future roles. The class looks at past and present customs and family traditions. Through the use of videos, guest speaker presentations, and class discussions, students will look at: dating and peer pressure, decision making and communication skills, marital and family adjustments, family crisis and how to cope, parenting, aging parents, and other current topics related to family living. Students will go through the process/customs involved in becoming engaged, planning for marriage and a wedding – preparing a cost sheet illustrating the actual cost of a wedding. The class is an excellent way to strengthen one's self, to be more effective in their present families, and in turn be effective parents, should they choose to have families of their own.

CLOTHING/TEXTILES 2 (Offered when numbers justify) -- Elective 10–12 -----1/2 credit

This course is a continuation of Clothing/Textiles 1. It provides students with knowledge and skills to identify and incorporate design details in textile items for the home or in garments. Students will assess and use commercially produced patterns, and design patterns for use in quilt making. This is a project-oriented class that incorporates all curriculum areas. Sewing lab experiences may include design and construction of one or more projects related to the concepts taught. Students will create a quilt of their own design or approved pattern. There will be a cost involved for materials for the projects the students make and take home.



FOREIGN LANGUAGE

GERMAN

German is spoken by between 175-220 million people in the world and about 20% of Americans trace their ancestry to one of the German-speaking countries. German ancestry is reported by more than 46% of North Dakotans. Many jobs and careers require knowledge of a foreign language and many employers consider it to be a great asset. German is very useful in the business world and is especially recommended in the field of high technology, science, and music. More than 1,200 American companies have offices in the German-speaking countries. Self-motivation is necessary for a successful, enjoyable language experience.

GERMAN 1 ----- Elective 9–12 ----- 1 credit

First-year German introduces you to listening, reading, speaking, and writing in the German language. You will learn to use practical German to speak about yourself, your family, your interests, school, shopping, clothing, ordering food and drinks in a restaurant, and other useful topics. Cultural differences in these areas will be discussed. Additionally, you will learn to express yourself through conversations, skits, videos, audio exercises, songs, computer lab activities, and cooking labs. German Club is strongly encouraged to compliment the first-year German experience.

GERMAN 2 ----- Elective 9–12 ----- 1 credit

Prerequisite: German 1

Second-year German reinforces and reviews beginning German language and culture before continuing to develop and enhance higher proficiency skills through a variety of activities including dialogues, skits, audio exercises, computer lab exercises, cooking labs, games, and films. You will become more aware of the contrast between your culture and the German culture. Travel, food, sports, fashion, healthy living, helping at home, and going to the doctor are some of the topics covered. German Club is strongly encouraged to compliment the second-year German experience. Summer travel opportunities are offered on a circumstantial basis.

GERMAN 3 ----- Elective 10–12 ----- 1 credit

Prerequisite: German 1, 2

Emphasis of third-year German is on continued improved of oral and written proficiency skills. A great variety of reading materials, including current literary selections is used to accomplish these goals. Topics include relationships with friends, rights and obligations of young Germans, resistance in German history, environmental issues, plans for the future, and fairy tales. Journaling is expected and students are asked to participate in verbal exchanges in order to develop these proficiencies. German cooking labs are part of third-year German. German Club is strongly encouraged to compliment the third year of German. Summer travel opportunities are offered.

GERMAN 4 ----- Elective 11–12 ----- 1 credit

Prerequisite: German 1, 2, 3

The goal of fourth-year German is to build confidence in the use of the language while continuing to improve proficiency. Varied topics and literary selections are used to build reading and comprehension skills. Spontaneity and ease of speech should increase. German 4 is about finding you comfort zone and pushing the boundaries of it. Journaling is expected and students are asked to participate in verbal exchanges in order to develop proficiency. German Club is strongly encouraged to compliment the fourth-year of German. Summer travel opportunities are offered.

SPANISH

Spanish study reflects the needs of modern language learners who want to successfully live in an ever changing world. Spanish is one of the fastest growing languages in North America and is considered by employers to be a great asset. The processes, inherent in learning a foreign language, aid in the development of thinking skills such as; reasoning, conceptualizing, analyzing and problem solving. It helps develop a better understanding of the nature of language in general and in English in particular. Exposure to foreign language study helps develop sensitivity toward other people and cultures. In an increasingly “smaller” world, that understanding is crucial.

SPANISH 1 -----Elective 9–12 ----- 1 credit

This course is an introduction to the language and culture of Spanish. This introduction is through listening, reading, speaking and writing. The student will use the textbook provided along with tapes, filmstrips, videos, dialogs and cultural projects. Examples of vocabulary areas of basic communication are greetings, expressions for school, home, family, weather, numbers, and shopping and traveling. Students will be exposed to the variety of customs and traditions in the 22 countries that speak Spanish. Spanish Club is open to all Spanish students.

SPANISH 2 -----Elective 9–12 ----- 1 credit

Prerequisite: Spanish 1

Spanish 2 begins by reviewing the concepts learned in Spanish 1 and continues to assist the students in developing higher proficiency skills through expanded understanding of grammatical concepts, increased oral activities, school to work writing activities and additional listening opportunities. Students increase their cultural knowledge with country studies, which include personal relationships, types of work, appropriate behavior in social and work situations and the cultural differences. Technology is incorporated into the study units to enhance the learning environment. Movies, skits, music, literature and art work help the students develop further understanding of the cultural differences and similarities. Spanish Club provides opportunities to celebrate special events and holidays in the Hispanic countries as well as provides opportunity to see Spanish exhibits when in our area. Travel opportunities to Hispanic countries are also provided in certain situations.

SPANISH 3 -----Elective 10–12 ----- 1 credit

Prerequisite: Spanish 1, 2

Spanish 3 begins with a review and re-entry of the concepts learned in Spanish 1 and 2. Through study of Spanish-speaking countries, students continue to develop an understanding of the Hispanic world and its culture. With the incorporation of reading materials such as current Spanish magazines, novels and other articles the students develop an appreciation of the Spanish contributions to the arts, agriculture, architecture and the sciences. They create Spanish art projects, foods, advertisements, and etc. to enhance the learning. Emphasis is placed on growth in oral and written proficiency skills. Spanish Club is open to all Spanish students and opportunity for summer school travel is provided.

SPANISH 4 -----Elective 11–12 ----- 1 credit

Prerequisite: Spanish 1, 2, 3

Spanish 4 begins with a review, re-entry and expansion of Levels 1, 2, and 3. Emphasis is placed on more abstract vocabulary associated with intellectual activity, criticism and judgment. Students build confidence in the use of the language by reading a wide variety of material from newspapers to novels. The active vocabulary presented through a wide range of conversational topics allows the student to gain oral and written proficiency skills which allow them to communicate in the modern world. Cultural awareness is continued through music, dramatic arts, literature, and preparation of foods. Spanish Club is open to all Spanish students and summer school travel opportunities are provided.

LANGUAGE ARTS

Please Note: By virtue of the fact that all of the following courses emphasize the mastery of communication skills, it is inherent that such courses are relevant to post-secondary study and/or the real world of work.

ENGLISH 1 -----Required 9 ----- 1 credit

Prerequisite: None

This is a year-long required course that uses world literature as a foundation for the study of language arts. The students' communication skills are improved through units of study that stress reading, writing, and speaking. Units of study include: a research paper, Romeo and Juliet, The Odyssey, The Book Thief. Students also continue developing skills with MLA documentation.

ENGLISH 2 -----Required 10 ----- 1 credit

Prerequisite: English 1

English 2 is a year-long required course that uses world literature as a base for the study of language arts. Students receive instruction in writing, reading, grammar, speech, vocabulary and other related areas. The research project includes instruction in the MLA method of documentation. Highlights of this course include the reading of the novel To Kill A Mockingbird, The Tempest, and a historical fiction unit. Various exciting projects are based on the reading and discussion of these works.

ENGLISH 3 -----Required 11 -----1 Credit

Prerequisite: English 1 & 2

In English 3, the student will complete units focusing on informational texts and literature, poetry, drama, short stories, novels and essays from early American literature through the present. Types of composition assignments linked to the literature units include: exposition, description, narration, and argumentation.

ENGLISH 4 -----Elective 12 ----- 1 credit

Prerequisite: English 1, 2, & 3

English 4 is a year-long elective course that uses world literature as a base to the language arts. All strands of the language arts are woven together so that the students receive instruction in writing, reading, grammar, speech, vocabulary and other related areas. The literature is arranged in thematic units of mixed-genre selections. The language workshops include assignments in the following: narration, description, persuasion, exposition, creative expression, and research reports.

NOVEL -----Elective 11-12 -----1/2 credit

Prerequisite: English 1 and 2 with a "C" average or better

Emphasis is on reading and discussing novels written since 1900. Class assignments and discussion help students with psychological and philosophical treatments of character, theme, and mood. Novels read in novel class include: Lord of the Flies, Night, Animal Farm, The Catcher in the Rye, The Hobbit, A Separate Peace, Of Mice and Men, In Cold Blood, The Secret Life of Bees, Light in the Forest, The Lucky One and The Things They Carried.

DRAMA (Offered odd years) -----Elective 11-12 -----1/2 credit

Prerequisite: English 1 and 2 with a "C" average or better.

Drama students gain an understanding and appreciation of theater arts through studying theater history, stage crafts, and acting. Students will read informational texts and dramatic literature. Writing assignments include informative, narrative, and argumentative genres. The course emphasizes verbal and non-verbal communication.

WRITING 4 (Offered even years)-----Elective 11-12 -----1/2 credit

Prerequisite: English 1, & 2 with a “C” average or better.

This is a course in modern composition that helps students develop the higher order critical thinking skills of analysis, synthesis, and inference. Literature, discussion, research, and study of writing modes prepare students to write a wide variety of essays, analyses, and other forms of writing including a unit on writing an MLA research paper. This course includes a memory book project. All steps of the writing process are emphasized, and students will be expected to compose multiple drafts and use revision techniques including peer-editing. This course is intended for the college-bound student.

WORLD LITERATURE -----Elective 11-12 -----1/2 credit

Prerequisite: English 1 and 2 with a “C” average or better.

This is a course intended to provide students with a diverse and focused background in world literature. In-depth units of study are based on cultures and time periods such as “The Classical Age of Greece and Rome,” “Traditions in Chinese and Japanese Literature,” and “Modern and Contemporary Literature 1900-Present.” A rich diversity of traditional and modern literary forms is offered to develop the student’s understanding and appreciation of not only the literature of other cultures, but the cultures themselves. Thought-provoking composition topics are extensions of the units of study. In addition to readings from the textbook, an African novel unit on Chinua Achebe’s *Things Fall Apart* will be incorporated. This course has a dual credit option through NDSCS in Wahpeton

SPEECH and DEBATE -----Elective 11-12 ----- 1/2 Credit

Prerequisite: English 1 and 2 with a “C” average or better.

Thousands of speeches are given every day throughout the world. The chances are good that no matter what profession you choose, you will be called upon to speak in front of people. A one-semester course, “Speech and Debate” is designed to provide the skills needed to be successful when that time comes. The preparation for and presentation of different forms of speeches will be the focus of the course. Some of the types of speaking which will be covered are: Public Speaking (Impromptu, Inform, Persuade), and Debate.

CREATIVE WRITING (Offered odd years) -----Elective 11-12 -----1/2 credit

Prerequisite: English 1 and 2 with a “C” average or better.

Creative Writing provides students an opportunity to hone their writing and storytelling skills through various projects across many genres. Analysis of literary forms, elements of the writing process, use of technology, and critique methods are integrated to create unique writing experiences.

AP ENGLISH LANGUAGE and COMPOSITION -----Elective 11 ----- 1 credit

Prerequisite: Completion of English 2 with English teacher recommendation, consideration of STARS scores, parent approval, and student commitment statement.

This course is a rigorous, year-long course. It is designed for the motivated 11th grader who wishes to complete a college-level course while in high school. The focus of “Language and Composition” will include both critical reading (style analysis and rhetorical analysis) and writing (argumentation). The student who enrolls in this course will have the opportunity to take an Advanced Placement exam at the end of the year with the possibility of earning college credit. Payment for the exam will be each student’s responsibility (cost approximately \$92.00).

AP ENGLISH LITERATURE and COMPOSITION -----Elective 12 ----- 1 credit

Prerequisite: Completion of English 3 or AP English, with English teacher recommendation, parent approval, and student commitment statement.

This course is a rigorous, year-long course. It is designed for the motivated student who wishes to complete a college level course while in high school. The student will read a variety of literature drawn from multiple genres, periods and cultures. Students will reflect on the reading material through discussions, writing and rewriting. The student who enrolls in this course may take an Advanced Placement exam at the end of the year with the possibility of earning college credit. Payment for the exam will be each student’s responsibility (cost approximately \$92.00).

JHS MULTI-TIERED SYSTEM OF SUPPORT (MTSS)

We, at Jamestown Public Schools, are constantly striving for ways to support all of our students in becoming academically successful. Through our Multi-Tier System of Supports (MTSS), we are able to teach each child at their level of performance and rate of progression. Students who are identified as needing additional support in their learning will be receiving instruction in a research based reading or math intervention. These interventions have been proven to show results in student achievement. To determine whether a student qualifies for a reading or math intervention, our schools use the STAR Assessment, NDSA data, Easy CBM data, grades, and teacher perception data. The STAR Assessment is a universal screening that we use to show the progress of all students in our district. Once a student is identified, they are given a placement test within the intervention for which they qualify. Data analysis and decision making occur at all levels of instruction and intervention within an MTSS system for English Language Arts and Math. Benchmark, Strategic, and Intensive class offerings are informed directly by student performance data. All measures used at JHS produce normative data based on national sample populations.

ALL Students Take:	SOME Students Take:	FEW Students Take:
<p><u>STAR Reading Enterprise</u></p> <ul style="list-style-type: none"> - Measures 46 reading skill areas within 11 domains - Short computer assessment (15 to 30 minutes) <ul style="list-style-type: none"> - Valid, Reliable and Immediate results - Used as a primary screening tool and for differentiation <p><u>STAR Math Enterprise</u></p> <ul style="list-style-type: none"> - Measures Math skills within 21 domains - Short computer assessment (15 to 30 minutes) <ul style="list-style-type: none"> - Valid, Reliable and Immediate results - Used as a primary screening tool and for differentiation 	<p><u>easyCBM Reading</u></p> <ul style="list-style-type: none"> - Measures inferential and evaluative reading comprehension - Multiple choice computer or paper format <ul style="list-style-type: none"> - 15 to 30 minutes (20 questions) - Used as a secondary screening tool <p><u>easyCBM Math</u></p> <ul style="list-style-type: none"> - Measures conceptual understanding of Algebra - Multiple choice computer or paper format <ul style="list-style-type: none"> - 10 to 20 minutes (16 questions) - Used as a secondary screening tool 	<p><u>Corrective Reading Placement</u></p> <ul style="list-style-type: none"> - For students needing intensive reading intervention - Measures reading comprehension - Provides curriculum based placement <p><u>TransMath Placement Test</u></p> <ul style="list-style-type: none"> - For students needing intensive math intervention - Measures math skills under 3 levels - Provides curriculum based placement - Multiple choice computer format (1 to 3 tests) <p><u>Connecting Math Placement Test</u></p> <ul style="list-style-type: none"> -For students needing intensive math intervention

Our Intervention program descriptions are listed as pre-approved courses in our course offerings for each content area.

SENIOR WORK BASED LEARNING COURSES

Work Based Learning offers students an opportunity to gain hands on experience in the 21st Century world of work. These courses are designed for JHS Seniors to enhance their educational experience and personal growth. Students may earn up to one credit in Work Based Learning Courses. Jamestown High School offers two options for Work Based Learning:

Notes:

- **Work Based Learning Courses are available to seniors as their 6th or 7th credit**
- **Senior Internship and Senior Innovation and Invention Project are period 7 and 8 courses with some flexibility stipulated in the Handbooks.**
- **Students must complete Innovation and Invention or Internship Application and return it with registration form.**

**SENIOR INTERNSHIP (out-of-school) -----Elective 12----- 1/2 or 1 credit
----- (60 hours on site per 1/2 credit)**

Internships are work based opportunities where students apply the knowledge and skills they have gained at JHS at local internship sites. Internships should be targeted toward meaningful experiences that explore careers requiring additional degrees, certifications or on-the-job training following high school. Unlike typical high school employment the students participate in structured activities, feedback, and reflection that is connected to their classroom experience and employability skills. The internship offers students an extensive employment opportunity to confirm their future education and training decisions or to choose another path. Students will develop an internship portfolio, attend weekly seminars, complete reflections, and develop a learning plan and presentation of learning. Please refer to the JHS internship handbook for further guidance.

SENIOR CAREER INVENTION PROJECT -----Elective 12----- 1 credit

Senior Career Invention Projects are semester long projects focused on applying the knowledge and skills you have gained at JHS to an authentic design project in a career field that interests you. Individually, or in teams of up to three, students will apply by developing design project proposals outlining the design project they intend to pursue. Students will work to find a local or regional mentor/expert for the project, develop timelines, attend weekly seminars, and complete reflections on the progress of the project and the application of their employability skills. This culminating project reflects individual or group commitment to a shared purpose and outcome. Students are challenged by mentors and teachers serving as facilitators of learning to apply the Design Process and entrepreneurial skills in real world contexts. Students focus on solving real world problems utilizing prior knowledge and skills to advance their current state while generating enthusiasm for lifelong learning. Each student is expected to develop and publish artifacts and reflections that demonstrate educational and personal growth. Please refer to the JHS Career Invention Project Handbook for further guidance.

COOPERATIVE WORK EXPERIENCE

Please note if you have taken the pre-requisites for Cooperative Work Experience through the CTC please explore those options in Agriculture Experience, Child Care, and Health Careers.

SERVICE LEARNING COURSES

Service Learning offers students a chance to do something significant for other people in their community while enhancing their educational experience and personal growth. Students may earn up to one credit toward graduation by serving as a volunteer in the school or through a non-profit agency. Jamestown High School offers several options for service-learning.

Notes:

- **Service Learning Courses are available to juniors and seniors as their 6th or 7th credit**
- **Service Learning Courses are only available for sophomores as their 7th credit**
- **Students are required to complete a weekly reflection journal and additional journal assignments, which must be signed by their supervisor. A final grade of Satisfactory (S) or Unsatisfactory (U) will be given.**
- **Students must complete Service Learning Application and return it with registration form**

WORK STUDY/TEACHING ASSISTANT ----- Elective 10-12 -----1/2 credit

A Service-learning experience during school hours is an opportunity to provide service in the school community. Students work with a teacher to provide service for 50 minutes every day during the semester.

COMMUNITY (out-of-school)- ----- Elective 10-12 -----1/2 credit

An out-of-school service-learning experience is an opportunity for students to serve the community through the school or a non-profit organization. It is open to individuals or groups that are interested in carrying out a service project within the school/community. Projects will be vetted with school administration and experiences may include fundraising, designing solutions, research, planning, and community presentations. It can be project-based or a series of projects throughout the semester providing service to others. An out-of-school service experience requires a minimum of 60 service hours.

TEACHER AIDE (out of school) ----- Elective 10-12 -----1/2 credit

Students will be assigned a cooperating teacher and will spend a minimum of 50 minutes in the classroom each school day during the semester. A block will be used for travel and a minimum of 50 minutes of service in an elementary or middle school classroom.

MAKERSPACE AND TECHNOLOGY HELPDESK ----- Elective 10-12 -----1/2 credit

The Makerspace and Technology helpdesk service learning opportunity is available for up to seven students per semester and includes monitoring and supporting activities in the school Makerspace as well as providing initial Technology support for student and staff devices.

COMMUNITY GATHERING TEAM ----- Elective 11-12 ----- 1/2credit

Community Gathering Organizer is a service learning opportunity for a team of up to 20 students. This school team focuses on the development of programs for Monday community gatherings. The purpose of community gatherings is to build school culture through teambuilding, scholarship, and career exploration. This is only a period 1 or 8 elective course and participants will gain valuable experience in event planning, connecting with community resources, leadership, and event coordination.

STRATEGIC INITIATIVES TEAM ----- Elective 11-12 -----1/2 credit

The Strategic Initiatives Team is a period 8 elective available for grades 11-12. This student led team works with community partners and site administrators to identify and develop new programs and relationships that strengthen the school and community. The experience develops and refines leadership through experience in solving complex problems and navigating the change process.

PEER TUTORING ----- Elective 11-12 -----1/2 credit

Peer tutoring provides an opportunity for students to develop and hone their academic skills while supporting others. Peer tutoring can take place during any period of the day or before/after school as scheduled in the restricted study hall or library.

LIBRARY AIDE ----- Elective 10–12 ----- 1/2 credit

Students will gain experience as librarians by finding material for students during research classes, by assisting in simple duties with book processing and by working at the circulation desk giving service to students and teachers. Other duties include learning library and computer skills and assisting in routine tasks.

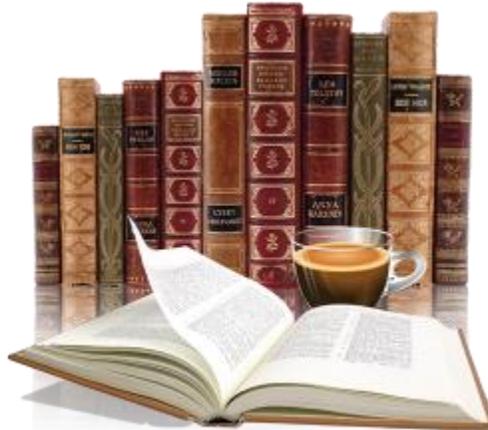
The senior high principal or assistant principal and librarian must approve students assigned to Library Aide.

STUDY HALL CAMPUS ----- Elective 9–12

Students will be on campus, assigned to the study hall teacher for rostering. Students who abuse the privilege would go to the restricted study hall MTSS.

STUDY HALL MTSS ----- Elective 9–12

This is a restricted study hall for extra support and an environment for assigned credit recovery through Edgenuity.



PREAPPROVED COURSES

APPLIED COMMUNICATIONS 1 ----- Elective 9 ----- 1 credit

Applied Communications I follows the four Common Core modules as the regular English 1 classes, except the pace is slower to meet the needs of the students. Students are given direct instruction, differentiated instruction, and tools to help them become better readers and writers. Some of the main things covered throughout the year are writing an argument essay, reading Shakespeare's *Romeo and Juliet*, Homer's *The Odyssey*, *The Book Thief*, historical narrative writing, and an independent reading unit.

APPLIED COMMUNICATIONS 2 ----- Elective 10 ----- 1 credit

Prerequisite: Completion of English 1 and teacher committee recommendation:

During Applied English 2, the student uses world literature as a base for the study of language arts with emphasis on strategy building for comprehension and literacy. Students receive instruction in writing, reading, grammar, vocabulary and other related areas. Various projects are based on the reading and discussion of these works. This course combines improving basic skills in reading through literature study, remedial instruction in speaking, thinking, listening and writing. It requires a recommendation from the student's previous English teacher and the counselors. Permission to take the course is granted on a limited basis.

APPLIED COMMUNICATIONS 3 ----- Elective 11 ----- 1 credit

Prerequisite: Completion of English 1 and 2

During Applied English 3, the student will complete units in the following areas of American literature; informational texts, poetry, dramas, short stories, novels, and essays from early American Literature through the present. Types of composition assignments linked to the literature units include: exposition, description, narration, and argumentation. This course combines improving basic skills in reading through literature study, remedial instruction in speaking, thinking, listening and writing. It requires a recommendation from the student's previous English teacher and the counselors. Permission to take the course is granted on a limited basis.

APPLIED COMMUNICATIONS 4 ----- Elective 12 ----- 1 credit

Prerequisite: Completion of English 1 and 2

In Applied Communications, students study and practice essay writing fundamentals, develop reading fluency and comprehension skills, expand vocabulary and polish grammatical skills. Students will read informational texts along with British and American literature short stories, essays, plays and poetry. The course objectives revolve around improving basic literacy skills. This course requires a recommendation from the student's previous English teacher and the counselors. Permission to take the course is granted on a limited basis.

GENERAL MATH ----- Elective 9 ----- 1 credit

This course covers basic concepts of fractions including adding, subtracting, dividing and multiplying; converting from improper to mixed fractions and vice versa; converting back and forth from percentages, decimals and fractions; and adding and subtracting positive and negative integers. This course will include an online computer program. Students will be placed in this class only with the recommendation of the math department and counselors.

MTSS MATH FLEX ----- Elective 9-12 --- .25 credit/semester

This intervention course is geared for students in Algebra I that are in the strategic range. This support class will run alongside the Algebra course to pre-teach, reteach, enrich, and remediate for the students that qualify in order to prevent against lowering/altering standards for the existing curriculum and increase achievement. – Math Elective Credit (Does not count toward Math graduation requirement)

MATHEMATICS

The recommended sequence for students planning to attend college is Algebra 1, Geometry, Algebra 2, Pre-Calculus, and Calculus. Three credits of mathematics are required for graduation. A student must pass Algebra 1 or Informal Algebra and Geometry, Geometry 10, or Informal Geometry before graduation. A student entering the ninth grade is placed in the appropriate math class as determined by the math department, i.e. General Math, Algebra 1, Informal Algebra, or Geometry.

TRANSMATH 3-----Elective 9-11----- 1 credit

Transmath is a mastery-based intensive intervention that provides key foundational skill-building and problem-solving strategies needed to be successful in Algebra. Students are placement tested into one of the three levels and will continue on to the next level. Upon completion of level three, students will take Algebra 1.

Transmath 2 focuses on making sense of rational numbers. This includes multiplying and dividing fractions, mixed numbers, decimal numbers, percent's, integers, etc.

Transmath 3 focuses on understanding algebraic expressions. This includes variable, inequalities, algebraic patters, expressions, equations, square roots, irrational numbers, etc. **Students will be placed in this course only with the recommendation of the Math Department and the counselors.**

CONSUMER MATH -----Elective 11-12 ----- 1 credit

This math course is designed to prepare students to function as wise consumers in our society. It is intended primarily for those students planning to enter the world of work immediately upon graduation from high school. Topics include: basic geometry, personal finance, checking and savings accounts, insurance, installment buying, credit costs, investments, taxes, sales commissions, net pay, wages, overtime and other skills required to function as an independent adult. **Students will be placed in this course only with the recommendation of the Math Department and the counselors.** This course does not meet the math requirements for the ND State Board of Higher Education.

ALGEBRA 1 -----Elective 9-10----- 1 credit

Prerequisite: "C" grade or better in previous math course or authorization.

This course is pre-vocational in the sense that it is a prerequisite to further work in preparing for an engineering career or for scientific research. It is an elective for those students who find algebra an entrance requirement for the college of their choice. Algebra teaches the use of letters in the number system and how the laws of arithmetic function with letters used as numbers.

Mathematical Thinking and Design Lab -----Elective 10-12 -----1/2 credit

Prerequisite: Algebra and Geometry

This course will focus on hands-on opportunities for students to apply math concepts in real-world contexts. The Engineering Design Process will be utilized in engaging students in creating projects, products, and presentations. Students will gain a better understanding of how math concepts apply in the world around them and the course will help students develop 21st Century Skills such as communication, collaboration, critical thinking, decision making, and creativity.

GEOMETRY -----Elective 9-11 ----- 1 credit

Prerequisite: Algebra 1 "C" grade or better or authorization.

Plane & solid geometry is the study of relationships among points, lines & planes. Logical thinking is learned as step by step proofs are developed in working problems. Practice is given in construction of geometric figures with a compass & straightedge.

INFORMAL ALGEBRA 2 ----- Elective 11–12 ----- 1 credit

Prerequisite: Geometry 10, Informal Geometry

The class is a continuation of mathematical ideas from Algebra 1. The structure of the number system, more symbolism and greater competence in computation, and the application of algebra to real life situations are stressed. **Students will be placed in this course only with the recommendation of the Math Department and the counselors.**

ALGEBRA 2 ----- Elective 10–12 ----- 1 credit

Prerequisite: Algebra 1 & Geometry "C" grade or better or authorization

This class is a continuation of mathematical ideas from elementary algebra. The structure of the number system, more symbolism and greater competence in computation, and the application of algebra to life situations are stressed.

PRE-CALCULUS ----- Elective 11–12 ----- 1 credit

Prerequisite: Algebra 1, 2, & Geometry "C" grade or better or authorization.

This is basically a college preparatory course. Pre-Calculus is strongly recommended for students planning to enter the world of math, science, or engineering. Some of the topics included are: a continuation of Algebra 2 and analytic geometry, analytic trigonometry, function concepts, and exponential growth.

PROBABILITY & STATISTICS ----- Elective 11–12 ----- 1/2 credit

Prerequisite: Completed Algebra 2

This is a college level course for students interested in careers in mathematics, science, engineering, and data analysis. Topics focus on methods of gathering, presenting, and analyzing data. A graphing calculator is required for this class.

ADVANCED PLACEMENT CALCULUS ----- Elective 12 ----- 1 credit

Prerequisite: Pre-Calculus prior to senior year.

AP Calculus is taught as a college level Calculus 1 course. This course involves: limits, differentiation of algebraic functions with applications, logarithmic and exponential functions, anti-differentiation, the definite integral with applications, and techniques of integration. Students are expected to take the Advanced Placement exam in May. Students who pass the exam can receive college credit at most colleges and universities in the nation.

****If a student passes the first semester of a math course but does not pass the second semester and does not make up the failed semester during summer school, the student will be encouraged to repeat the entire year of the failed course rather than just the 2nd semester. The 1st semester will count as an elective credit for graduation and serve as a review of necessary math concepts to help the student be successful in the 2nd semester of the course.**



MUSIC

WIND ENSEMBLE----- Elective 11-12 Audition Only ----- 1 credit

The Wind Ensemble is an auditioned group of juniors and seniors. Members are selected by an audition in the spring of the previous school year. Wind Ensemble is a course, so the group rehearses every school day and students' grades counts towards their Grade Point Average. The Wind Ensemble performs a variety of concert band repertoire at the highest level of difficulty of all bands in the school. Students from the Wind Ensemble along with the Concert Band and Symphonic Band make up the Marching Band and Pep Band.

CONCERT BAND----- Elective 10-12 ----- 1 credit

The Concert Band is a non-auditioned group of sophomores through seniors. Concert Band is a course, so the group rehearses every school day and students' grades counts towards their Grade Point Average. The Concert Band performs a wonderful variety of concert band repertoire. Students from the Concert Band along with the Wind Ensemble and Symphonic Band make up the Marching Band and Pep Band.

BAND 9 (SYMPHONIC BAND ----- Elective 9 ----- 1 credit

The Symphonic Band is a group of freshmen musicians who just finished their middle school band experience. Due to unique scheduling circumstances, there will occasionally be older students in this class. Symphonic Band is a course, so the group rehearses every school day and students' grades counts towards their Grade Point Average. The Symphonic Band performs a variety of concert band repertoire that continues to develop technique and musicianship. Students from the Symphonic Band along with the Wind Ensemble and Concert Band make up the Marching Band and Pep Band.

BLUE JAY JAZZ ENSEMBLE9-12 Audition Only no credit

The Blue Jay Jazz Ensemble is an auditioned group that is comprised of talented woodwind, brass, percussion and keyboard musicians from any of the three concert bands at JHS. Members are selected by an audition in May of the previous school year. This group rehearses on Mondays and Thursdays from 7:00 am – 7:40 am. During the winter and spring months, the Blue Jay Jazz Ensemble will perform a number of concerts in the city of Jamestown and participate in a jazz festival out of town. Instruments to be seen in the jazz ensemble are **saxophone, trombone, trumpet, bass, guitar, piano, and drums.**

PRIVATE INSTRUMENTAL LESSONS ----- Voluntary ----- no credit

Students have the opportunity to take free instrumental lessons. Private lessons are a great way to prepare for auditions, solos, ensembles and music from band class.

ORCHESTRA ----- Elective 9–12 ----- 1 credit

The orchestra consists of members from grades nine through twelve. Members are admitted when their playing proficiency allows them to function effectively within the group. String students in grades 9-12 rehearse together five hours a week for one credit. This grade counts toward their GPA. String members of the orchestra have the opportunity to perform solos and in smaller ensembles as well. This group participates in the State Orchestra Festival, instrumental contest, and All State Orchestra.

CONCERT CHOIR----- Elective 10–12 ----- 1 credit

Choir rehearses five times each week and members receive 1 credit for their participation in the group. The grade received counts toward their GPA. The Concert Choir is actively involved in providing music for concerts, special school events and civic functions. A fundamental techniques course of study is followed with testing each nine weeks – the results make up part of the nine weeks grade received in choir.

CHOIR 9 ----- Elective 9 ----- 1 credit

Choir rehearses five times each week and members receive 1 credit for their participation in the group. The grade received counts toward their GPA. The Choir is actively involved in providing music for concerts, special school events and civic functions. A fundamental techniques course of study is followed with testing each nine weeks – the results make up part of the nine weeks grade.

SHOW CHOIR ----- Audition Only ----- no credit

Prerequisite: Must be enrolled in Concert Choir

This group meets Tuesday and Friday at 7:00 am. They perform pop and show tunes with choreography. They perform for competition and for many community events.

VOCAL JAZZ ----- Audition Only ----- no credit

Prerequisite: Must be enrolled in Concert Choir

Vocal Jazz meets Monday and Wednesday at 2:15 pm. They perform for competition and for many community events. Their focus is to study jazz and techniques.

MUSIC THEORY ----- 11 - 12 ----- 1/2 credit

Music Theory is a year-long class that meets twice a week during 8th hour with an additional one hour per week computer time required. Students enrolled in the class should be able to read music notation. Students will work with notation, chord structures and composition.

PRIVATE VOCAL LESSONS/ENSEMBLES/POP GROUP-----Voluntary ----- no credit

Students have the opportunity to take free voice lessons, participate in an ensemble of their choosing or form a "POP" group which can be expanded to include choreography. All opportunities for extra participation meet once each week with the choral director. Participation in Honor Groups and District and State Festivals is encouraged.

INTRODUCTION TO GUITAR & WORLD MUSIC----- 9-12 ----- 1/2 credit

Meets two days a week and one additional day of independent study. (Student will be enrolled in study hall for the additional two days.) This is a hands on class designed for any student who is interested in learning **beginning guitar**. No experience is necessary. Students will practice as a class on guitar. Students will work within a classroom setting two days a week. Each student will be assigned to 1 day a week in the practice room to improve their individual skills and develop muscle memory. Students will learn to read musical notation, learn chords and strumming patterns. The class will be exposed to a variety of musical styles from around the world. Guitars will be provided for class use.



NATURAL SCIENCE

Ninth grade physical science is the first unit counting toward graduation requirements. The recommended sequence of science courses is biology in the 10th grade, chemistry in the 11th grade, and physics and/or anatomy–physiology in the 12th grade. Three credits of science are required for graduation. North Dakota University System requires three credits of science to meet admission requirements.

PHYSICAL SCIENCE ----- Required 9 ----- 1 credit

Physical science is the study of basic Chemistry and Physics. The first semester of the course covers mostly Chemistry topics. Topics will include: the study of atomic structure, study of the periodic table, chemical bonds, chemical formulas, chemical reactions, solutions, acids, bases and salts and nuclear decay. The second semester covers mostly Physics topics. Topics will include: forces, motion, energy, waves, optics of lenses and mirrors, sound and electricity. Physical Science is a laboratory centered program which introduces the use of proper lab techniques and safety. The course will include about 30-35 different lab experiments and computer simulations. Emphasis is placed on building a strong background in science vocabulary and lab procedures.

BIOLOGY----- Elective 10–12 ----- 1 credit

Biology is the study of life. The course of study begins at the molecular level and proceeds through cell tissues, organisms, the origin of life, populations and ecosystems. Approximately forty percent of class time is spent in the laboratory. Students are required to complete a laboratory project each of the first three nine weeks, such as a twenty–five specimen plant collection.

ENVIRONMENTAL SCIENCE ----- Elective 11-12 ----- 1 credit

Prerequisite: Physical Science, Biology, or authorization

Environmental science is an interdisciplinary study of natural systems, environmental issues, risks associated with these problems and alternative solutions. Students will study science as a process, energy in ecosystems, Earth systems, human impacts, societal context and designing solutions. The course is designed for students of all ability levels and interests.

CHEMISTRY STUDY ----- Elective 11–12 ----- 1 credit

Prerequisite: Algebra 1 "C" grade or better or authorization.

The purpose of the course is to help students gain some understanding of the facts and principles of chemistry so that they can better deal with their world. This course places emphasis on college preparation. Students interested in career outlook clusters such as: natural resources, engineering/industrial technologies, and health and human services should consider this course. Chemistry is the study of matter, its structure, properties, composition, and the changes that matter undergoes. Students will: attend lectures, do problem solving, and participate in laboratory activities.

PHYSICS ----- Elective 11–12 ----- 1 credit

Prerequisite: Algebra 2, Geometry and Pre-Calculus or authorization

The purpose of this course is to help students gain some understanding of this ever-evolving body of information and how it applies to them. Emphasis is placed on college preparation. Students interested in career outlook clusters such as: natural resources, engineering/industrial technologies, and health and human services should consider this course. The course covers the branch of science concerned with matter and energy, especially as these relate to mechanics, heat, electricity, magnetism, and atomic phenomena. Students will attend lecture, participate in problem solving sessions, and do laboratory investigations.

ANATOMY/PHYSIOLOGY ----- Elective 11–12 ----- 1 credit

Prerequisite: Biology

Anatomy/Physiology is the study of structure and function of the human body. It provides an above average high school vocabulary which will help students in basic and advanced college science courses. The class consists of hands on dissection of the cat as well as other labs pertaining to human anatomy. A strong biology background is recommended. This course has a dual credit option through NDSCS in Wahpeton.

PHYSICAL EDUCATION/HEALTH

One credit is earned in the 9th grade. Electives in P.E. are available during the 10th, 11th and 12th grades and are one-half unit of credit. One credit of physical education and ½ credit of health is required for graduation.

PHYSICAL EDUCATION/HEALTH -----Required 9 ----- 1 credit

P.E./Health meets five times per week. The two classes will alternate days. The P.E. class will be broken down into three units; swimming, aerobics, and weight training. Students will learn about cardio fitness, proper weight training techniques, and over all fitness. The Health class will cover the physical, mental, and emotional health of an individual. Appropriate clothing is required.

LIVING SPORTS -----Elective 11- 12 -----1/2 credit

Living sports is designed to teach the rules, skills, and appreciation of sports and activities that may be carried on throughout a student's lifetime. The course will include both individual and team sports that provide a wise use of leisure time and the means to stay fit for life.

The sports concentrated on are, but not limited to: yard games, volleyball, softball, tennis, golf, horseshoes, disc golf, basketball, whiffle ball, badminton, ice skating, bowling, and archery.

Proper dress will be athletic clothing when the activity calls for it. Students will be notified when casual clothing will be appropriate. Clothing must also follow the dress code outlined in the JHS planner. There will be a moderate charge to students taking the class.

DANCE-----Elective 10 – 12-----1/2 credit

Dance class meets five times per week. Dance will provide students with experiences in different dance forms and are usually introductory in nature. The areas of dance concentrated on are, but not limited to, country line dance, circle, folk, fox trot, Latin, line, polka, square, swing and waltz. Proper dress will be athletic clothing and shoes. Clothes must follow the dress code as outlined in the JHS planner.

ADAPTED PE-----Required 9 - 12 ----- 1 credit

This is a class that involves basic activities such as basketball, volleyball and swimming that are modified to the student's abilities.

PERSONAL FITNESS 1 -----Elective 10 - 12 -----1/2 credit

This is a semester class that will concentrate on the importance of aerobic fitness, weight training, and swimming. Students will understand the basic concepts of lifts and safety of lifting. One day a week will be set aside for an activity outside the fitness room.

PERSONAL FITNESS 2 -----Elective 10 - 12 -----1/2 credit

Prerequisite: Personal Fitness 1

This is a semester class that emphasizes the importance of weight training and cardio-vascular fitness. Students will develop a fitness program the second nine weeks of the semester. One day a week will be used as an activity day outside the fitness room.

STRENGTH & CONDITIONING-----Elective 10-12-----1/2 credit

The focus of the class will be on improving strength and conditioning performance factors. High intensity levels of training will be done focusing on development of speed, agility, quickness, jumping ability, and mobility. Strength training and the use of Olympics lifts will be utilized to develop muscular power. The course runs during zero hour 6:30am - 7:20am.

SOCIAL STUDIES

Ninth grade civics is the first credit counting toward graduation. Four credits of social studies are required for graduation.

CIVICS -----Required 9; Elective 10-12*-----1/2 credit

***This course does not replace the required Social Studies courses for 10-12 students (World History, United States History, Government and Economics) but may be used as an elective.**

Civics is the study of what it means to be an American citizen. This course provides a broad overview of democratic principles, federal government structures, state/local government issues, the political process, the American economy and what it means to be an active participant in society. Special attention will be given to preparation for the required ND citizenship exam.

NORTH DAKOTA STUDIES -----Required 9 -----1/2 credit

***This course does not replace the required Social Studies courses for 10-12 students (World History, United States History, Government and Economics) but may be used as an elective.**

North Dakota Studies is the study of North Dakota social studies in several areas including history, culture, geography, politics, and the economics. It is the freshman companion course to Civics.

WORLD HISTORY-----Required 10----- 1 credit

World History is more than just a series of dramatic events. It is the story of the human community – how people lived on a daily basis, how they shared ideas, how they ruled and were ruled, and how they fought. World History includes subjects like economics, politics, and social change. It covers past and present cultures, religious inspiration, artistic movements and the study of human movement through Geography.

UNITED STATES HISTORY -----Required 11----- 1 credit

Gain insight into relationships among people, ideas, and events, learn and use significant facts of United States History. Students will develop an appreciation of history, including literature, music, architecture, and the fine arts while improving fundamental skills, such as reading, listening, speaking, writing, interpreting graphic material, using maps, outlining and use of source material. Critical thinking skills such as recognizing and defining problems and issues, evaluating information and sources, and distinguishing fact from opinion will be emphasized. Value concepts, such as dignity of human being, respect for law, freedom and equality, duties as well as rights, and a democracy as an ideology and way of life are examined. Time period covered is 1900 to present.

AP US GOVERNMENT & POLITICS-----Elective12 -----1/2 credit

This course will give students an analytical perspective on government and politics in America. Topics will include: constitutional foundations of American government, political beliefs and behaviors, political parties, interest groups and mass media, institutions of national government, public policy, and civil rights and civil liberties. This course is an elective, but would replace regular Government as a required class. The student who enrolls in this course will have the opportunity to take an Advanced Placement exam at the end of the year with the possibility of earning college credit. Payment for the exam will be each student's responsibility (cost approximately \$87.00).

ECONOMICS-----Required 12-----1/2 credit

The science of economics deals with making choices about using resources and spending money. This course's major focus is the study of how the goods and services a society wants are produced and how they are distributed among people. The course emphasizes significant aspects of our free enterprise system and better decision making on the part of consumers. This course has a dual credit option through NDSCS in Wahpeton.

GOVERNMENT-----Required 12-----1/2 credit

This course focuses on the study of how power, politics, & government work in America. Special emphasis will be given to the need for citizen involvement, current events as they relate to the course outline & problems in our democracy.

PSYCHOLOGY ----- Elective 12 ----- 1/2 credit

This course deals with the study of how the human mind works together with the body to produce thoughts and actions. Topics include: Historical psychology philosophy, careers, research, learning, human development, personality, mental disorders and treatment. This is an excellent class for those who may take a psychology class in college or be interested in a career in a mental health profession. The class is taught as a college prep course. Student assessment will include writing papers. Computer access is also important.

SOCIOLOGY ----- Elective 12 ----- 1/2 credit

The study of people's behavior in groups is the focus of this class. Emphasis will be placed on: culture, social institutions, social problems and the process of change in society. Specific topics can include: deviance and social control, the family, education and gerontology.



SPECIAL EDUCATION

Jamestown Public Schools offer a variety of services for students who are found eligible. Eligibility is based upon a team process including individualized testing and teacher, specialist, and parent input. Appropriate services are then determined.

The following services/programs are available through Jamestown High School:	
Emotionally Disturbed	9-12
Learning Disabilities	9-12
Speech/Language Pathology	9-12
Hearing Impaired	9-12
Basic Education	9-12
Transition Learning Services	12+
Vocational Special Needs/Career & Tech Resource Ed	----- 9-12

THE LEARNING CENTER (LC) ----- Elective 9-12----- 1 credit

The learning resource center serves identified students with different learning needs who are on an IEP, 504 plan, or special referral. Students receive an elective credit with an S/U grading scale. It utilizes the student's curriculum to teach different learning strategies. The objectives of the learning resource center are to support students' class work, improve study skills, encourage social growth, remediate areas of academic weakness, develop areas of academic strengths, correlate regular curriculum goals with IEP goals, facilitate communication with teachers and parents, and encourage students to reach their highest potential in and out of school as they transition to post-secondary life.

BASIC ENGLISH ----- Required 9 – 12----- 1 credit

This yearlong course uses world literature as a foundation for the study of language arts. The student's communication skills are improved through units of study that stress reading, writing, and speaking. Students receive instruction in writing, grammar, speech vocabulary and other related areas. Other units of study are: book reports, research paper, and poetry. The computer lab is utilized extensively for many of the fun, yet challenging projects in this course.

BASIC MATH 9----- Required 9 ----- 1 credit

This course is designed to help the student develop the math skills needed to succeed in today's world. Topics covered are: math reasoning, math computation, fractions, decimals, percents, measurements and other basics of mathematics.

BASIC PRE-ALGEBRA 10----- Required 10----- 1 credit

This course is recommended for those students struggling with math. Topics covered will be properties of real numbers, solving, graphing, equations, decimals, factors and multiples, fractions, coordinate planes, integers, proportions, variable expressions, variable equations and connections to geometry.

BASIC CONSUMER MATH 11----- Required 11----- 1 credit

This course is designed to prepare students for real-life situations. Topics include: personal finance, checking and savings accounts, insurance, credit cards, budgeting, wages and other skills required to function as an independent adult.

BASIC PHYSICAL SCIENCE 9 -----Required 9 ----- 1 credit

Physical Science is the study of basic Chemistry and Physics. The course of study begins with the study of atomic structure, periodic table, chemical reactions, solutions, acids, bases and salts; followed by the study of forces, motion, energy, waves, optics of lenses and mirrors, sound and electricity. The course introduces the use of proper lab techniques and safety. The course will include about 15 different lab experiments. Emphasis is placed on building a strong background in science vocabulary and lab procedures.

BASIC BIOLOGY 10 -----Required 10 ----- 1 credit

Biology is the study of Life. The course begins with a study of cell tissues, organisms, and the origin of life, populations and ecosystems. Lab assignments vary from completing projects such as: leaf, grass collection, simulated zoo habitat, virtual pig and frog dissection.

BASIC ENVIRONMENTAL SCIENCE -----Required 11 ----- 1 credit

Environmental Science is a study of natural systems, environmental issues, risks associated with these problems and alternative solutions. Students will study science as a process, energy in ecosystems, earth systems, human impacts and earth's resources.

BASIC CIVICS 9 -----Required 9 -----1/2 credit

This course provides the basic understanding of the system of government of the United States. It provides an overview of how federal, state, and local governments work, the political process, the American economy and what it means to be an active citizen of the United States.

BASIC NORTH DAKOTA STUDIES 9 -----Required 9 -----1/2 credit

This course studies the culture, geography, politics and economics of North Dakota. Oral tradition, letters, documents, art, music, literature are among the many topics stressed in this class.

BASIC WORLD HISTORY 10 -----Required 10 ----- 1 credit

The study of world history shows the connections of the rise and fall of many nations. It stresses the ideas of the great thinkers, the incredible richness of many cultures, timelines of important events and the areas in which these important people lived.

BASIC UNITED STATES HISTORY 11 -----Required 11 ----- 1 credit

This course will give the student a better understating of the history of the United States. They will learn how the country began, how people contributed to its growth and development, and how the United States became a powerful leader. Time period covered is the Civil War to the present.

BASIC ECONOMICS 12 -----Required 12 -----1/2 credit

The science of economics deals with making choices about using resources and spending money. This course's major focus is the study of how the goods and services a society wants are produced, how they are distributed among people and helping people make better decisions when consuming.

BASIC GOVERNMENT 12 -----Required 12 -----1/2 credit

This course focuses on the study of how power, politics and government work in America. Special emphasis will be given to the need for citizen involvement, current events as they relate to government and democracy.

THE TRANSITION LEARNING CENTER (TLC) --- Elective 12+ -----N/A

The Transition Program provides a post-secondary educational choice for students with disabilities who choose to continue working on transition skills through their Individual Education Plan (IEP). Program participation takes into account individual student needs, preferences, and interests. Students need to have completed all requirements for graduation before coming to the Transition House.

VOCATIONAL SPECIAL NEEDS/CAREER & TECH RESOURCES ED

VOCATIONAL WORK EXPERIENCE ----- Elective 9 – 12 ----- 1 credit

This course provides students with the opportunity to learn about and practice work skills. This course will cover work skills needed to find, secure and keep a job, look at various training options for post-secondary employment. There is a hands-on component to this class to put the skills discussed in class into practice.

BASIC PERSONAL FINANCE ----- Required 10 – 12 ----- 1/2 credit

Prerequisite: Word Processing or Basic Computer Literacy

This course helps students get ready for the “Real World”. The class will provide a foundation of personal finance skills to help them become responsible citizens. Students will learn how to manage money, write checks, pay taxes, and apply for loans. Students will learn of the temptations they may face as they manage their money.

BASIC COMPUTER LITERACY ----- Required 10 – 12 ----- 1/2 credit

This course is designed to develop students' computer literacy and keyboarding skills and to meet each students programming needs. The student will learn from hands-on learning experiences with emphasis on skills in word processing, spreadsheets, and graphical presentations in the Windows environment.

CAREER AND TECHNOLOGY CENTER

CTC Courses require a two hour block of time unless otherwise indicated.

Coop courses are only available for juniors and seniors as their 6th or 7th credit.

Coop courses are only available for sophomores as their 7th credit.

AGRISCIENCE 1 (offered even years) ----- Elective 9-10 ----- 1 credit

AgriScience integrates biological and technological concepts with the basic principles of agriculture. This course encourages the student to realize the importance of agriculture in the sciences. Topics of learning include: biotechnology, career options in AgriScience, leadership development and the FFA, natural resource management, aquaculture, soils and hydroponics management, integrated pest management, and plant physiology and reproduction. Units in welding/carpentry are included. FFA participation is strongly encouraged.

AGRISCIENCE 2 (offered odd years) ----- Elective 9-10 ----- 1 credit

AgriScience integrates biological and technological concepts with the basic principles of agriculture and encourages the student to realize the importance of agriculture in the sciences. Topics of learning include, but are not limited to: crop science, vegetable production, specialty crop production, turf grass use and maintenance, trees, animal anatomy, animal nutrition, animal health, genetics, breeding and reproduction, small animal care, horse management, food science, and agricultural business. Units in welding and carpentry are included. FFA participation is encouraged.

SMALL ANIMAL CARE ----- Elective 9-12 ----- 1/2 credit

This course is designed to provide students with the skills and concepts involved in the care and management of companion animals including dogs, cats, rabbits, birds, fish, and reptiles. Students will learn basic information on breed characteristics, nutritional requirements, health requirements including common species diseases, grooming, handling, training, housing needs, and the retail pet business. The student will be studying animal/human relationships and how animals play a very large role in our lives today. Career and hobby opportunities in small animals are also explored. The current pet situation in our society will be discussed. Students will be encouraged to develop their definition of animal welfare and animal rights.

INTRODUCTION TO VETERINARY SCIENCE ---- Elective 10-12 ----- 1/2 credit

This course is designed to introduce students to the exciting field of veterinary science as it relates to the animal owner/veterinary assistant. This course will cover many facets of veterinary science that deals with the health, behavior, and well-being of animals including animal anatomy, physiology, nutrition, diseases, and common surgical procedures. The student will learn technical skills and knowledge necessary in caring for animals.

INTRO TO FOOD SCIENCE ----- Elective 9-12 ----- 1/2 credit

This semester-long course is designed to introduce students to the food industry in America focusing on the processes of food from harvest to consumer. Topics include the nutrition, composition, preservation, chemistry, environmental concerns, and world needs of our food supply. The focus is on the basic understanding of the industry of food science as it is today in America.

SUPERVISED AG EXP PROGRAM/SS ----- Elective 9-12 ----- 1/4 credit

This course provides credit for FFA Supervised Agricultural Experience Programs (SAEs) conducted by FFA members. Assessment is in the form of proficiency awards and degrees obtained. The instructor acts as an advisor assisting the student to develop and maintain accurate records and inventory in his/her entrepreneurship/placement SAE.

INTRO TO AGRICULTURE SCIENCE-----Elective 9-10-----1/2 credit

This semester-long course is designed to introduce students to the scientific applications in agriculture. Topics include agricultural research and advancements, genetics, genetic engineering, biotechnology, soil science, aquaculture, fiber science, the forestry industry, and cell science. This course will give you a better understanding of how agriculture relates to the sciences.

COOPERATIVE WORK EXPERIENCE-----Elective 11-12-----1/2 credit

This course provides students with a regularly scheduled, supervised employment opportunity related to agriculture occupations in order to develop and improve work skills. This course will cover skills needed to find and secure a job including how to write a resume and cover letter, fill out a job application, keys to a successful interview, and what to do once the interview is over.

HORTICULTURE -----Elective 9-12-----1/2 credit

This course introduces students to the horticultural industry by providing hands-on-lab activities in a greenhouse. Students will produce greenhouse/nursery plants, maintain plant growth and examine the importance of soils, plant structure and anatomy, plant reproduction and entomology. The course is designed to reinforce and extend student understanding of science by associating basic scientific concepts to the field of horticulture.



AUTO COLLISION TECHNOLOGY 1-----Elective 11-12 ----- 2 credits

Students will work on repairing damaged automobiles and body parts of automotive vehicles. They will learn to: fix dents, weld and work with panel bonding and plastic materials, use arc plasma cutter, cutting torch and mig wire feed welder. They will file, grind and sand repaired surfaces by using power and hand tools. They will also refinish repaired surfaces by applying primer-surfacer coat and sanding. Students may find work as an auto collision tech or assistant.

AUTO COLLISION TECHNOLOGY 2-----Elective 12 ----- 2 credits

Prerequisite: Auto Collision Technology 1

Students will learn to do a complete refinish paint job, identify and apply different types of primers, single-stage topcoats and basecoat/clear coat finishes. They will identify and remedy different paint problems. Students will learn the installation of different automotive hardware, glass and vinyl decals. Students will study automotive estimating and shop layout. Students are prepared to be an auto collision tech, or assistant. Cooperative Education Experience is available to qualified students. This program is ASE certified in paint and refinishing.

AUTOMOTIVE MAINTENANCE & LIGHT REPAIR----- Elective 11-12 ----- 2 credits

This program is a hands-on experience class involving activities that relate directly to maintenance, repair, and service. It begins with an orientation to the eight areas of NATEF standardized programming – Engine Repair, Automatic Transmissions, Manual Drive, Suspension and Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning and Engine Performance. This is a sequential course and is a prerequisite to Automotive Maintenance and Light Repair 2. Students may be involved in Skills USA Club. (Students are allowed to work on their own vehicles or projects.)

AUTOMOTIVE MAINTENANCE & LIGHT REPAIR 2 ---- Elective 11-12 ----- 2 credits

Prerequisite: Automotive Maintenance & Light Repair 1

The second year of this program is a hands-on experience class involving activities that relate directly to maintenance, repair, and service. Continuation of a two-hour course orientation in Engine Repair, Automatic Transmissions, Manual Drive, Suspension and Steering, Brakes, Electrical/Electronic Systems, Heating and Air Conditioning and Engine Performance. Automotive Maintenance and Light Repair is a preparatory program to enter college Automotive Technology and prepare students to be eligible for the ASE certification. The students may be involved in Skills USA Club. (Students are allowed to work on their own vehicles or projects.)

SMALL ENGINE TECHNOLOGY ----- Elective 9-12----- 1 credit

The class will consist of shop safety, hand tools and power tool safety, fundamentals of small engines, theory of fuel, ignition and electrical systems. Students will learn engine operation, system testing and maintenance. Main reference will be to Briggs & Stratton or Tecumseh engines for training. Instructor allowed student projects with prior approval. Example of projects would be lawn equipment, lawn mowers, snow blowers, dirt bikes, 4-wheelers, mini bikes/scooters, etc. Major repairs or overhauls will depend on class time and special tools/equipment to complete project.

CONSTRUCTION ----- Elective 9-10----- 1 credit

This course is designed for the student who would like beginning hands on experience in the construction technology industry. Students will be instructed in basic carpentry skills. This course covers safety, tools, basic plumbing, electrical, and entry level construction skills. This is a valuable life skill course for any student who plans on using carpentry tools to repair, remodel, or construct a building, cabinets, or furniture.

CONSTRUCTION TECHNOLOGY 2 (CARPENTRY) ---- Elective 11-12 ----- 2 credits

Carpentry skills geared to the construction and finishing of buildings and structures, as well as precision carpentry are taught. Students will also be instructed in basic plumbing and wiring of house electrical systems. Entry level occupations include: construction worker, house repairman, apprentice mason and roofer.

CONSTRUCTION TECHNOLOGY 3 ----- Elective 12 ----- 2 credits

Prerequisite: Construction Technology 1

Building construction, planning, estimating costs, and advance carpentry skills, including some management training are taught. Entry level occupations include: carpenter apprentice, cabinet maker, apprentice electrician, drywall worker, and painter.

CHILD DEVELOPMENT ----- Elective 9-10 ----- 1/2 credit

Child Development is the study of how children grow and develop. Students will investigate how children grow – physically, mentally, socially, emotionally, and morally. Students will discover how to help children be healthy, secure, and happy. The child as a member of a family will be a topic, with emphasis placed on the importance of both mothering and fathering roles.

Current social issues affecting children will be addressed. These may include impact of family crises on children, child abuse and neglect, children with special needs, education, and non-family care. Consumer education will be included in topics such as the costs of bearing and raising a child.

CARE AND DEVELOPMENT OF THE YOUNG CHILD--Elective 11-12----- 2 credits

This course is open to males and females in the 11th and 12th grades. It provides classroom instruction relating to the physical, mental, and social growth and development of the preschool child. A unit on parenting and infant care is also included. Students learn to operate and manage a play school at the Career and Technology Center and get additional experience by assisting in elementary classrooms, local day cares and nursery schools. This is a valuable course for students interested in early childhood education, elementary education, or those planning to be a parent, nanny, or operate or seek employment in a day care center.

COOP LRNG - CHILD CARER -----Elective 12-----½ - 1 credit

Prerequisite: Care and Dev of the Young Child

This is a credit course designed for seniors who have successfully completed Care and Dev of the Young Child. It is designed to give students additional opportunity for skill development in their chosen occupational area. The student will meet with the teacher on a regularly scheduled basis while receiving experience working with children. Training plans and agreements are developed by the teacher and the student focusing on the career development of the student. This can be a paid or unpaid work experience.

INTRO TO HEALTH SCIENCE CAREERS -----Elective 10-12----- 1 credit

This program is designed to introduce students to today's health care community. Students will receive instruction on how the health care system works, current issues and trends, careers in health science, and units of study on professional ethics, confidentiality and patient rights. Students will participate in a project-based curriculum through the use of guest speakers and hands-on-activities throughout the year. All students have the opportunity to obtain CPR, First Aid, and Certified Nursing Assistant (CNA) certifications by May of the school year. This program is a one-year program providing students an opportunity to explore a variety of health careers.

HEALTH SCIENCE CAREERS -----Elective 11-12----- 2 credits

Prerequisite: Introduction to Health Science Careers (may be waved per approval by both Instructor & JVCTC director, depending on class size)

Health Science Careers is designed to provide students considering a career in health sciences the opportunity to develop a broader knowledge and insight into the work of the health science professionals. Health Science Careers uses classroom-based instruction, hands-on experience, speakers from the community and field trips to instruct the student. Students will expand their skills and knowledge in specific areas of career interest by being involved in actual on-the-job experiences. The program is a one-year program designed to give students a better understanding of their career focus and help them in making career decisions.

COOP LRNG – HEALTH SCIENCE CAREERS ---Elective 11-12 -----1/2 credit

Learn while you work. Work while you learn. Earn while you work and learn. That's co-op!

Prerequisite: Introduction to Health Science Careers, Health Science Careers or Medical Terminology.

Cooperative learning is open to students who have proved they are responsible, self-motivated, have a positive work attitude. The student will meet with the instructor/coordinator on a regularly scheduled basis. The student will receive employment experience in a health science career facility with the purpose of providing occupational training that gives the students a first-hand experience of work in their chosen field. Training plans and agreements are developed by the business-training sponsor, instructor/coordinator, and student focusing on the career development of the student. Students are normally paid according to the cooperative job performed and are released from school during approved training periods.

Special Note: The number of recommended hours of training is 10-15 per week for 36 weeks (540 hours) per credit. A student must be employed a minimum of 150 hours for 18 weeks, or the equivalent to earn ½ credit. Students are not normally allowed to be employed by a parent or relative.

MEDICAL TERMINOLOGY ----- Elective 11-12 ----- 1/2 credit

Medical abbreviations and terminology are used in all health care occupations and faculties. In order to communicate effectively, health sciences workers must be familiar with common abbreviations and terminology. Medical terminology will interest students who are contemplating entering the health science field as well as students who are consumers of medical services.

This course may be taken for dual credit with the student earning 3 college credits through Lake Region Community College-Devils Lake. The student must be a junior or senior and have a 3.0 GPA in order to be eligible for college credits.

INTRO TO SPORTS MEDICINE ----- Elective 11-12 ----- 1/2 credit

Sports Medicine is designed for students who have an interest in Athletic Training, Sports Medicine, Physical Therapy, or any other health sciences related field. The curriculum includes class work and practical hands-on application. The basics of sports medicine will be emphasized to include Anatomy and Physiology, as well as the prevention, treatment (including taping), emergency procedures, infection control, rehabilitation of athletic injuries and careers in sports medicine. All students have the opportunity to obtain CPR and First Aid Certification by the end of the semester.

MACHINE TOOL TECH 1 ----- Elective 11-12 ----- 2 credits

Machine Shop will provide the basic metal knowledge and dexterous skills required for a machine operator in the metal working industry. Training is provided on: metal cutting lathes and drill presses, the use of precision lay-out tools, blueprint reading, and shop math.

MACHINE TOOL TECH 2 ----- Elective 12 ----- 2 credits

Prerequisite: Machine Tool Tech 1

Machine Shop 2 is a continuation of developing more advanced machining knowledge and skills for industry. This class teaches advanced training in print reading with the understanding of the Geometric Dimension and Tolerance concept. Students must complete several advanced mill projects. Upon completion of the course students will have a very good understanding of safety, precision instruments, math, blueprint reading, and machine operation. This class will qualify a successful student as a machine operator in the work field. Cooperative Education Experience available to qualified students.