



Henry County R-I
Windsor High School
Course Descriptions
2016-2017

High School Courses

COMMUNICATION ARTS



(4 credits required for graduation)

English I Course Number H1218 1 credit

Students will analyze, interpret, draw conclusions, and question literary elements including characters, setting, plot, conflict and theme at a level that will enable them to make and support a thesis statement. Literature will be analyzed to determine the purposes, motivations, and points of view of various authors. Course cannot be repeated for credit. (required English core)

English II Course Number H1221 1 credit

Students will analyze, interpret, draw conclusions and question literary devices including flashback, foreshadowing, symbolism, simile, personification, and alliteration. They will be able to use technology to gather and organize research to support an expository essay. By using personal writing strategies the students will write a quality theme with an introduction, thesis, and body with 2-4 major points supported by examples, transitions, and a conclusion. Course cannot be repeated for credit. (required English core)

English III Course Number H1224 1 credit

Students will be studying American Literature from the 1600s to today. Students will also be reading one or two novels by American authors in addition to writing personal narratives and at least one research paper. Students will be able to interpret fiction and nonfiction. Course cannot be repeated for credit. (required English core)

English IV Course Number H1227 1 credit

The students will write high quality, traditional, college-level themes and also present oral and written literary analyses. They will participate in discussion of a variety of literature. Students will be required to write an in-depth,

persuasive research paper. Course cannot be repeated for credit. Dual credit (H1228) students are responsible for paying tuition. (Core English)

Mythology Course Number H1235 ½ credit

In this class, students will learn about Greek, Roman and other mythological gods. Students will conduct research on mythological gods, make a poster with information about the gods they studied, and present their information to the class. Course cannot be repeated for credit. (English Elective)

Dual Credit American Literature Course Number H1231 ½ credit

Students will focus on a thematic or historical overview of major American authors and works from the Colonial Period to the present, emphasizing the development of concepts that have shaped American life and literature. This class is offered for 3 dual credit hours through State Fair Community College. Course cannot be repeated for credit. (English Elective)

Practical English Course Number H1233 ½ credit

This English elective will offer students the opportunity to study basic English content for practical everyday use. This course cannot be repeated for credit. (English Elective)

Creative Writing Course Number H1236 ½ credit

This English elective will offer students the opportunity to study various writing styles for a variety of uses. This course cannot be repeated for credit. (English Elective)

FOREIGN LANGUAGE



Spanish I Course Number H1616 1 credit

Spanish I students will communicate with basic social expressions and conventions, use correct pronunciations, understand some basic structures of the language, and use present tense. They will be able to communicate effectively in many simple real life situations. Course cannot be repeated for credit. (General Elective)

Spanish II Course Number H1619

1 credit

Spanish II students will demonstrate all of the first year outcomes with greater depth and complexity, in the past, present, and future tense in survival situations, communicate in spoken and written forms, and comprehend the written and oral message. This will allow them to function as a tourist on a survival level in Spanish speaking countries. Course cannot be repeated for credit. (General Elective)

Spanish III Course Number H1620

1 credit

Students will demonstrate all of the first and second year outcomes at a level of reading/writing/speaking/listening comfort and ease including some idiomatic usage. Students will communicate in writing and speak at a level comprehensible to native speakers who are familiar with non-native speakers. Course cannot be repeated for credit. (General Elective)

Spanish IV Course Number H1621

1 credit

This advanced class will allow students to be able to demonstrate the entire first, second and third year outcomes with comfort and ease in reading/writing/speaking/listening. Student will read Spanish magazine and newspaper articles for understanding of current events and issues of cultural concern. Student will initiate and maintain conversations on a variety of topics of interest and need. Course cannot be repeated for credit. (General Elective)

MATHEMATICS

(3 credits required for graduation)



Introduction to Algebra Course Number H2027

1 credit

The students will be able to evaluate formulas, operate with rational numbers, and translate life problems into algebraic expressions and equations. They will apply math to life by developing abilities in higher thinking, communications, and goal setting. Course cannot be repeated for credit. (Math core)

Algebra I (or a combination of Algebra 1A and Algebra 1B) Course Numbers H2032, H2026, H2028 1 or 2 credits

The Algebra I students will be able to determine, solve, and graph linear equations with one or more variables. Also they will be able to use polynomials, solve and graph linear inequalities, and solve equations, which contain rational expressions. In addition, they will be able to solve quadratic equations by factoring and solving problems using linear and quadratic equations. Course cannot be repeated for credit. This course does not fulfill the required high school math credits when taken in junior high. (Required Math core)

Geometry Course Number H2035 1 credit

Pre-requisite Algebra I or a combination of Algebra 1A and 1B

An understanding of the basic terms and symbols of geometry, area, perimeter, and volume will be accomplished by the geometry student. They will be able to use concepts of congruence and similarity to compare lengths, areas, and volumes and understand angle, line, and circle relationships. Course cannot be repeated for credit. (required math core)

Algebra II Course Number H2039 1 credit

Prerequisite Geometry

In this course, the basic concepts from Algebra I are enriched. Topics studied include graphing, analyzing, and interpreting functions including polynomial, rational, exponential, and logarithmic functions; systems of linear equations and inequalities; matrices; conic sections; exponents and radicals. Calculators and computer software will be used when appropriate to enhance instruction. NOTE: A grade of “C” or better in both Algebra and Geometry is recommended for success in this course. Course cannot be repeated for credit. (math core)

Trigonometry Course number H2051 1 credit

Prerequisites Algebra I and Geometry

The students will gain a working knowledge of trigonometry such as finding amplitude, period, and phase. In addition, they will be able to manipulate trigonometric identities. The students will solve, graph, and analyze higher degree polynomial functions by various methods. (This class is offered for Dual Credit to 11-12 grade with a 3.0 GPA and payment of college tuition) Course cannot be repeated for credit. (math core)

College Algebra Course number H2050

1 credit

Prerequisite Algebra II

This course is offered as a Dual Enrollment course for students with a 3.0 GPA. (Students will receive 1 unit of high school credit and three college credit hours). Topics studied include polynomial, logarithmic, and exponential functions; matrices and determinants; and sequences and series as listed in the syllabus. Students will be responsible for paying tuition. Course cannot be repeated for credit. (math core)

Math Analysis Course number H2053

½ credit

Prerequisite Algebra II

This accelerated course is designed for students interested in pursuing a math related curriculum in college. Topics include analysis of functions, series, sequences, matrices, complex numbers, conic sections, polar and parametric equations, linear regression, vectors, applications of trigonometry, and an introduction to Calculus. Since this course is designed to prepare students for Calculus, the focus will be on problem solving using mathematical models to represent real world situations. Technology will be incorporated throughout the curriculum. NOTE: A grade of “B” or better in Honors Algebra II or Algebra II is recommended for success in this course. Course cannot be repeated for credit. (math elective)

SCIENCE



(3 credits required for graduation)

Physical Science Course Number H3027

1 credit

This course will provide the student with an investigative approach in the development of scientific concepts in the areas of physics and chemistry. Students will develop skills in using the laboratory equipment and the

scientific method to solve real-life problems. Course cannot be repeated for credit. (required science core)

Biology I Course Number H3032 1 credit

The Biology I course is designed to provide students with the basic concepts and understanding of life science. The course will include the study of organisms (both plant and animal) from the cellular level to the complete organism, including proper procedures for handling materials and equipment in laboratory experiments. Course cannot be repeated for credit. (required science core)

DC Anatomy and Physiology Course number H3036 1 credit

Anatomy is designed for students desiring to enter a medically related career. This course is designed to offer students basic concepts of human anatomy and physiology including laboratory activities. This course is also offered for Dual Enrollment for 1 H.S. credit and 5 college credit hours (for students with a 3.0 GPA and payment of tuition). Course cannot be repeated for credit. (science elective)

DC Advanced Biology Course number H3034 1 credit

This course includes a detailed summary of modern biological concepts. Emphasis will be on key biological principles and their application in cytology, genetics, medicine, zoology and other related biological fields. This course is offered for Dual Enrollment for 1 H.S. credit and 4 college credit hours through Wentworth Military College (for students with a 3.0 GPA and payment of tuition). Course cannot be repeated for credit. (science elective)

Chemistry I Course number H3046 1 credit

Chemistry I includes the study of properties of matter and their relationships. The course will combine chemical theories and problems related to chemical formulas, reactions, atomic structure, and bonding using the periodic table. Study will also include investigations of acid/base reactions, oxidation/reduction reactions and an introduction to organic chemistry. Course cannot be repeated for credit. (science elective)

DC Chemistry II Course number H3038 1 credit

This course is designed to further interest in the field of chemistry. Emphasis will be on laboratory applications and independent research projects. (This

course is offered for dual enrollment for 1 H.S. credit and 5 college credit hours). Course cannot be repeated for credit. (science elective)

Physics Course number H3053 1 credit

Physics is a study of the physical world and explains how matter and energy are related. Students will study motion, forces, energy, matter, heat, sound, light, and the structure of atoms. Course cannot be repeated for credit. (science elective credit)

Ecology Course number H3044 ½ credit

This course documents and seeks to explain patterns of distribution and abundance of organisms in the natural world. Study is made of populations, coevolution density factors, competition; physical environment; concept of community, tropic structure, biotic succession, characterization of biomes, man in ecosystem. Much of the work in this class will be done in the outdoor classroom. Course cannot be repeated for credit. (science elective credit)

Zoology Course number H3045 ½ credit

Zoology is the study of how animals obtain and spend energy for maintenance, homeostasis, locomotion; control coordination and reproduction, and the mechanisms of evolution. Course cannot be repeated for credit. (science elective)

Robotics 1 credit

This specialized course will require students to design, develop and create a working robot. This robot will compete in after-school competitions throughout the country. Students must apply for acceptance into the course and must show proficiency in science, communication arts and math. Course may be repeated for credit. (science elective)

SOCIAL STUDIES

(3 credits required for graduation)

World History Course Number H4630 1 credit

The World History student will gain an understanding of key political, economic, military, religious, and geographic forces that shape our world. They will also possess a chronological and thematic perspective of world history. Course cannot be repeated for credit. (Social Studies required course)

American History Course Number H4621 1 credit

This course is a survey of United States History from Reconstruction onward. Some content may be reviewed from the pre-Civil War period. Students will use a variety of learning methods to accomplish objectives, both individually and in learning teams. Various angles of United States history will be presented and alternate readings other than the required text shall be provided. Course cannot be repeated for credit. (Social Studies required course)

U.S. Government Course Number H4632 1 credit

This course explores the structure and dynamics of American national government, providing a broad-based introduction to the ideas and institutions that shape politics in the contemporary United States. Students will focus their learning on the Constitution and the debates of the founding era, the institutions of modern American government, and the political behavior of the American mass public. Course cannot be repeated for credit. (Social Studies required course)

World Geography Course Number H4651 1/2 credit

The study of World Geography helps students to develop a better understanding of spatial relationships among world geographic regions, focusing on the physical, cultural, political, and economic characteristics within each region and on how geographic regions interact with each other. Course cannot be repeated for credit. (Social Studies elective)

American Law Course Number H4682 ½ credit

This course involves the study of general concepts used to interpret American Law and familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. law. In this one semester course, students examine our protections under the Bill of Rights, study major Supreme Court decisions and current constitutional issues and their impact on our lives, learn the skills of legal analysis, and engage in mock trials. In addition, the course provides students with frequent practice in analyzing and interpreting case laws and implementation of these cases into our society. Course cannot be repeated for credit. (Social Studies elective)

Political Science Course Number H4683 ½ credit

This course will be an introduction to international and national relations focusing on contemporary issues in national as well as world politics such as

conflict and cooperation, business and trade, population, environment, and human rights. Students will focus on the fundamental questions in the study of political science and the role of political parties and interest groups in the American political system. Course cannot be repeated for credit. (Social Studies elective)

Psychology Course Number H4623 ½ credit

Students will understand human behavior with emphasis on the “life adjustment” aspect of individual behavior. Course cannot be repeated for credit. (Social Studies elective)

Sociology Course Number H4624 ½ credit

Sociology students will study human groups with emphasis on the interaction such as social values, culture, social conflict, etc. Course cannot be repeated for credit. (Social Studies elective)

Current Events Course Number H4681 ½ credit

Students will study the events affecting the world they live in every day. Students will make presentations, read, write and research current news topics and evaluate how they affect their everyday lives. This course cannot be repeated for credit. (Social Studies elective)

Practical Arts

(1 credit required for graduation)

AGRICULTURE (1yr. = 1.0 Practical Art)

Agricultural Science I Course Number H5120 1 credit

A course designed for instruction in animal science, agricultural mechanics, career exploration, leadership and personal development, and Supervised Agricultural Experience. Students will be encouraged to join FFA. Course cannot be repeated for credit. (Practical Arts credit)

Agriculture Science II Course Number H5123 1 credit

Prerequisites: Ag I

A course designed for instruction in plant and crop science, soils, grassland management, and forestry. Additional instruction in agricultural mechanics, career development, leadership, and Supervised Agricultural Experience will

also be taught. Students will be encouraged to join FFA. Course cannot be repeated for credit. (Practical Arts credit)

Agribusiness Sales and Marketing Management (even years) Course
Number H5122 1 credit

Prerequisites: Ag I & Ag II

This course includes human relations, personal inventory, careers in selling, and other experiences necessary for employment in agribusiness engaged in marketing and selling products. This course also combines farm management, agribusiness management, and content based on agricultural economic principles. Students will continue to maintain their Supervised Agricultural Experience project and be encouraged to join FFA. Course cannot be repeated for credit. (Practical Arts credit)

Advanced Animal Science (odd years) Course Number H5122 1 credit

Prerequisites: Ag I & Ag II

Advanced study in animal production, management, marketing, nutrition, breeding, production records, selection and animal health. This is a college credit class through Missouri State University. Students will receive 4 credit hours that can be transferred to any post-secondary institution either as an animal science credit or an elective. Students will also continue to maintain their Supervised Agricultural Experience project and will be encouraged to join FFA. Course cannot be repeated for credit. (Practical Arts credit)

Ag Construction Course Number H5121 1 credit

Prerequisites: Ag I & Ag II, or 2 years of Ag

Units of instruction will be arc welding, MIG welding, oxy-acetylene cutting, woodworking and project design and construction. Intensive safety instruction over all tools in the agricultural mechanics laboratory will be followed by daily project construction. Students interested in this class must have a large metal or wood project to build. No projects may be built without complete, detailed plans. Grading for this class will be daily and will be based on being on time and getting to work, working safely and efficiently, and cleaning up tools/area/person at the end of the period. Students will continue to maintain their Supervised Agricultural Experience project and be encouraged to join FFA. Course can be repeated for credit. (Practical Arts credit)

BUSINESS

(1 yr. = 1.0 Practical Art)

Accounting I Course Number H5320 1 credit

This course is designed to build a basic understanding of manual and automated accounting principles, concepts, and procedures. Activities include the accounting equation, the accounting cycle, entering transactions in journals, posting to ledgers, preparing end-of-period statements and reports, payroll systems, banking activities, taxes, and other related topics. Course cannot be repeated for credit. (Practical Arts credit)

Accounting II Course number H5321 1 credit

This course will reinforce basic principles of record keeping learned in Accounting I. However, emphasis will be on corporate accounting and financial analysis of records. New coverage includes inventory, not-for-profit accounting, and departmentalized accounting. Course cannot be repeated for credit. (Practical Arts credit)

Computer Applications Course Number H5334 1 credit

This course is designed to improve keyboarding skills while introducing students to new software skills. Students will learn to: execute basic computer operations; proficiently use Word, Excel, PowerPoint, and ACCESS software; effectively work with pictures and graphics in all programs; demonstrate presentation skills using PowerPoint software and evaluate presentations; and apply the use of the software to produce quality projects appropriate for education and/or business use. Course cannot be repeated for credit. (Practical Arts credit)

Marketing Course Number H5345 1 credit

Marketing is an instructional program for students who are interested in a career in the field of marketing and management. This course includes instructional areas designed to provide an understanding of the fundamental marketing processes and an orientation to the American free enterprise system. The program may utilize the Marketing Education internship to support classroom instruction. Course cannot be repeated for credit. (Practical Arts credit)

Marketing Work Experience (MWE) Course Number H5347 1 credit

Students in this course will work off-campus in a Marketing related field. They will learn job skills. Students are required to be enrolled in Marketing and work 10 hours per week for one credit. This is a senior class only. Course cannot be repeated for credit. (Practical Arts credit)

Multi-Media Course Number H5182 1 credit

Prerequisites: JH Keyboarding

Students will develop an understanding of the techniques and technologies used in various multimedia fields and applications. Instruction will cover computer graphics, computer animation, photography, video and audio productions, and web design. Students will use state-of-the art multimedia equipment including computers, scanners, cameras, video cameras, and printers as well as the following computer applications: Photoshop, Dreamweaver, Flash, Roxio and PowerPoint. Course cannot be repeated for credit. (Practical Arts credit)

Graphic Advertising Course Number H5342 1 credit

Prerequisites: Multimedia, Art I

Students will develop proficiency in promotion, branding, marketing and consumer behaviors. Students will use graphic arts/desktop publishing software and video software to create advertising media, print media, broadcast media, direct-mail media, outdoor/transit media, electronic media, and specialty media. Students will use state-of-the art multimedia equipment including computers, scanners, cameras, video cameras, pen tablets and printers as well as the following computer applications: Photoshop, Illustrator, InDesign, Roxio and PowerPoint. Course cannot be repeated for credit. (Practical Arts credit)

Desktop Publishing (Yearbook) Course Number H5181 1 credit

This course is designed for students interested in business, ad sales, photography, computers, and the Internet. Emphasis will be placed on proper skills and techniques in budgeting for, and the designing and constructing of the high school yearbook. Students will work with layouts, text, typography, graphics, and various printing options. Students must apply for a position on the staff. They must have a B average in English and get two recommendations from teachers. Students are responsible for selling ads and yearbooks to meet

the budget. Students will also produce a portfolio of their work throughout the year. Course can be repeated for credit. (practical arts credit)

FAMILY AND CONSUMER SCIENCES

Nutrition and Wellness Course Number H5420 1 credit

This course prepares the student to understand the principles of nutrition the relationship of nutrition to health and wellness, the selection, preparation techniques, and time, energy, and money management in the kitchen. Course cannot be repeated for credit. (Practical Arts credit)

Family Living Course Number H5424 ½ credit

Topics include: the role of the family in fulfilling individual needs, causes and effects of family dynamics and the reciprocal relationship between work and goals, decision-making and resources. These topics are interrelated as evidenced in the study of families, establishing and maintaining relationships, preparation for marriage, and the socialization and development needs of individuals. Course cannot be repeated for credit. (Practical Arts credit)

Child Development Course Number H5428 ½ credit

This course prepares the student to understand children's physical, mental, emotional, and social growth and development. The student will understand that parenting is a lifelong commitment and gain an understanding of the impact of parental guidance on a child's development. "Baby Think It Over" is also required for each student. Course cannot be repeated for credit. (Practical Arts credit)

World Foods Course Number H5430 ½ credit

An understanding and appreciation of the cuisine of many cultures will be obtained through the planning and preparation of foods of the world. Course cannot be repeated for credit. (Practical Arts credit)

Housing Course Number H5470 ½ credit

This course prepares the student to understand the physical, psychological and social influences pertaining to the complex housing decisions required for creating a desirable living environment. Students learn the history of housing, and exterior and interior aspects of housing design. Course cannot be repeated for credit. (Practical Arts credit)

Hospitality & Tourism Course Number H5473 1 credit

Thirteen million people work in restaurants throughout the United States and 1.8 million people are employed in the lodging industry. This area accounts for over 9 percent of the workforce in the United States. Most young people are hired in these industries while in high school and college as a first-time job. This class is designed to help the student develop and practice performing the knowledge, skills, and tasks required for success as an employee in the hospitality and tourism industry. Course cannot be repeated for credit. (Practical Arts credit)

PHYSICAL EDUCATION

(1 credit required for graduation)

Physical Education- Coed/Girls/Boys Course Number H6020 1 credit

Students will be able to demonstrate knowledge and skills which better enable participation in group and team sports. They will also be able to assess physical fitness levels and participate in activities that improve physical fitness, wellness and cardiovascular capacity. Course can be repeated for credit. (Physical Education credit)

Lifetime Sports Course Number H6027 1 credit

The students will participate in sports and activities that may keep them active across their lifespan. The students will acquire knowledge of skill acquisition, rule comprehension, and historical value of each sport. Activities include (but are not limited to): Fitness, Biking, Volleyball, Golf, Ultimate Frisbee, Disability Sport, Bowling, Racket games, Basketball, Archery, Dancing, and Softball. Course cannot be repeated for credit. (Physical Education credit)

Conditioning Course Number H6026 1 credit

Students will be able to demonstrate knowledge and skills in various weight lifting techniques. They will also participate in activities that improve strength, physical fitness, wellness and cardiovascular capacity. Course can be repeated for credit. (Physical Education Credit)

Coed Aerobics Course Number 1 credit

Students will gain knowledge of fitness through various workouts including weight lifting, T25, yoga, P90X, and student led activities. Course can be repeated for credit. (Physical Education credit)

Health Course Number H6050 ½ credit

The student will understand and build upon self-awareness in light of health topics. Topics covered within this class include nutrition, physical activity, first aid, body system development and care, contraceptives, STDs, and drugs. Course cannot be repeated for credit. (Health credit, required course)

Fine Arts

(1 credit required for graduation)

ART

Art I Course Number H7026 1 credit

The student will be able to create quality drawings using a variety of tools and media. They will understand how technology affects the world of commercial art and be able to create products using technology. Paintings will be produced using watercolor, oil, acrylic, and mixed media. Three types of sculpture will be produced. Course cannot be repeated for credit. (Fine Arts credit)

World Arts (Crafts) Course number H7029 1 credit

World Arts is less about drawing and more about making things. Many multicultural projects and "Pinteresting" possibilities: paper bowls, weaving, clay, paper-mache, and book making are some of the projects. Course cannot be repeated for credit. (Fine Arts credit)

Advanced Art Course Number H7034 or H7050 1 credit

Advanced art will work in multiple 2-d and 3-d media with additional requirements in quality and meaning behind the artwork. Students will critique artwork, study art history, research an artist, and work in altered books. This course may be repeated for credit. (Fine Arts elective)

MUSIC

High School Band Course Number H7129

1 credit

The student will be able to demonstrate proper instrumental techniques, possess written and performing knowledge, perform literature from various periods and cultures, and meet performance expectations. Students will be required to attend performances outside of the regular school day

Chorus Course Number H7135

1 credit

The student will be able to demonstrate proper vocal techniques in performing music from various periods and cultures. Written assignments will be used to enhance the learning process. Students will be required to attend performances outside of the regular school day. (Fine Arts Elective)

Jazz Band Course Number H7131 1 credit

Jazz Band is a full year performance course. The students study a variety of jazz styles and other music genres through listening, written, and performance. Activities include but are not limited to: inner-district and public performances, performances at local events, and concerts. Students will be required to attend performances outside of the regular school day . This course may be repeated for credit. (Fine Arts Elective)

Music Appreciation Course Number H7140 1 credit

Students will possess an awareness of music from different cultures and periods. Study units will include pre-twentieth century music and composers, music of the twentieth century, the history of jazz music, the history of rock and roll, and how social expectations affect the music of each generation. Students will also possess knowledge of music technology by learning how music in film has progressed from silent films to current practices of film making. Course cannot be repeated for credit. (Fine Arts Elective)

Theatre Arts Course Number H7141 1 credit

This course is designed to serve as an introduction to the theatre. Students will creatively explore the fundamental skills of the theatre arts including voice and diction, listening critically and speaking effectively, movement, improvisation, character development, scene design, theatre history, play analysis, and writing production literature. Acting projects will provide

positive group experiences with collaborative assignments, developing self-discipline, evaluating the performances of others, and accepting constructive criticism. This course may be repeated for credit. (Fine Arts Elective)

ELECTIVE COURSES

Library Research Skills Course Number ½ credit

This class is designed as an introduction to research for the college bound student. Students will begin to learn the skills required to define a research topic, build a knowledge base surrounding the topic, searching and retrieving electronic and print sources, evaluating, citing, and using information. Students will disseminate their results in an appropriate writing style. Course cannot be repeated for credit. (General Elective)

FTA Course Number H5346 1 credit

Future Teachers of America (FTA) provides instruction for those students that want experience in teaching. Students will also join the club and be a member of the FTA organization. Students must be a junior or senior and meet attendance of 95% and grade point average of 2.5 (C+) to enter the program. Students will be evaluated by their supervising teacher and given instruction in teaching their grade level of choice. Course cannot be repeated for credit.

ACT Prep- H1226 (English), H2033 (math) ½ credit

The purpose of the course is to prepare students to be successful in taking the American College Test (ACT). By using and making available various resources, students will be informed about the format and content of the exam; will learn study and test-taking strategies for the exam; will perform pre- and post-tests and several practice tests comparable to the exam; and will be tutored in identified weak areas for the exam. (General elective)

Speech I Course Number H1418 1 credit

The students will be able to present quality informative, demonstrative, and persuasive speeches. Also, they will be able to prepare and present an interpretation of different literary genres following MSHSAA guidelines. Course cannot be repeated for credit. (General Elective)

Advanced Speech Course Number H1421 1 credit

Prerequisite- Speech I

Advanced techniques will be taught. Contest participation will be required. Advanced Speech students will be required to produce a finished product for the Night of Forensics. This course may be repeated for credit. (General Elective)

Personal Finance Course Number H5491 ½ credit

This course prepares the student to understand the values, needs, wants, goals, and resources in order to make rational decisions that contribute to family stability and quality of life. Includes instruction in budgeting and spending plans, use of credit savings, investments, taxes, consumer buying, and consumer rights and responsibilities. Course cannot be repeated for credit. (Required elective course)

Study Skills Course number H9607 1 credit

This is an independent study course for those students struggling with other course work. They will learn organization and study skills designed to support their learning in other classrooms. Students may spend an extended amount of class time reviewing course work for other classes.

HS Success Skills Course number H9605 1 credit

This course is designed to support student's reading skills in the regular classroom. Students will be tested several times during the year to develop an individual growth plan in the areas of reading fluency, accuracy and comprehension.

Greyhound Time Course number H9608 0 credit

Greyhound time is a 20-30 minute session daily. This session is used for advisory programs, assemblies, meetings, office referrals, and individual or small-group instruction. All certified staff will be assigned an intervention group during greyhound time. All students will participate in greyhound time if they are on a full-day schedule. Students will receive a grade for greyhound time.

Teacher Aide Course number H9609 0 credit

This no credit hour allows students who are on-track to graduate to work with a teacher and/or staff member to assist them with clerical or instructional duties.

Online Dual Credit

A variety of on-line dual credit courses are offered through Windsor High School agreements with local universities or colleges. Students are encouraged to meet with the high school counselor to discuss any courses they may be interested in taking.

TECHNICAL PROGRAMS

The following courses are offered at the Clinton Technical School. They are for juniors and seniors only upon approval of an application submitted to the counselor. These courses also offer an embedded English IV credit, in which the student will earn .5 English credits for each year they attend CTS. For more information, see the high school counselor.

Auto Mechanics Course number H9118 3 credits

The Automotive Program at Clinton Technical School will provide students with basic training in the operation, diagnosis and repair of all automotive systems including engine repair, engine performance, brakes, suspension and steering, electrical systems, transmission and drive terrain, and air conditioning. Students will learn by studying theory of operation and by hands-on experiences in the shop, which is equipped with the most modern, state-of-the-art tools and diagnostic equipment necessary to service today's sophisticated automotive systems.

Building Trades Course number H9121 3 credits

The Building Trades program is designed for students who want to work in the construction field. Students must be a junior or senior to enroll in this program. A good understanding of mathematical skills will be helpful.

Students receive training in rough framing, roofing, finishing work, drywall applications, concrete finishing, painting, plumbing, and the operation of a skid steer loader. Students will be involved in the actual construction of a residential home.

Welding Course number H9136 3 credits

Welding is a two-year course open to Juniors, Seniors and Adults. Students will have the opportunity to learn and use Arc Welding, Gas Welding, TIG and MIG Welding. The class will include instructional welding and small and large project construction. Students will have the opportunity to join SkillsUSA.

Machine Tool Technology Course number H9130 3 credits

In Precision Machine Tool Technology students will learn a practical skill in a hands on environment. Integrating science, math, and technology to operate various machines, students can master the ability to make literally, ANYTHING! Students will learn to operate the lathe, which works on the principle of a piece of work rotating into a cutter, for shaping round stock. The mill works on the principle of a multi-toothed cutter rotating into a piece of work, and students will learn how to operate it to make flat surfaces. The Computer Numerical Controlled (CNC) lathe, involves students inputting a program in a special language, a G-Code, into a computer which in turn will “tell” the machine how to make specific projects. In addition, students will be introduced to the world of Automated Manufacturing., the branch of technology that deals with the design of a part using Solid works, and Computer Aided Drafting, and Feature Cam, a computer aided manufacturing program, as they machine their projects in class using a Computer numerical Controlled (CNC) Mill .

Computer Networking Course number H9133 3 credits

In this course, students will design and build computer systems, install and upgrade hardware and software and have the capabilities to do networking and troubleshooting of computer systems. Some of the skills attained will include: assemble and configure a microcomputer, design industry-standard computer systems, remove and install common field replaceable units, identify the major operating systems, their purpose, location, and available switches, install and configure Cisco switches and routers in multiprotocol internet works using LAN and WAN interfaces, planning, designing, installation, operation and troubleshooting of Ethernet, TCP/IP Networks. Upon completion of the course, students will able to take the PC Pro certification exam.

Health Occupations Course number H9132 3 credits

Health Occupations is a program utilizing knowledge, skill, and professional attitudes to explore the wide range of careers available in health services. It also provides the student with the opportunity to develop the skills and attitudes necessary to become a Health Care Professional. Prospective students should have high reading/comprehension ability, math skills, and the strong desire to help others. Knowledge of science, biology, and psychology are helpful. Students should be neat and clean, relate well to others, use good

gram-mar, and be able to listen attentively, take notes, and follow directions accurately.

Embedded English Course number H9140 1 credit

This course is offered through the career and technical school in Clinton Missouri. It allows students to earn a maximum of 1 English credit while attending the vocational program. Students earn $\frac{1}{4}$ credit per semester of attendance.

SPECIAL SERVICES

Learning Resources English Course number H9612 1 credit

Students in this course will learn to read, write, speak, listen, take notes, and formally present information to their peers, and appreciate fiction and nonfiction text. They will learn to compare, contrast, predict, and state opinions in both written and spoken forms. In addition, they will be able to write friendly and formal letters, book reports, journals, and summaries. Students will analyze, interpret, draw conclusions, make inferences, and question literary elements including characters, setting, plot, conflict and theme. Classroom assignments and curriculum based assessments are in accordance to child's ability level.

Learning Resources Social Studies Course number H9615 1 credit

Students will learn the fundamental basis for cultures throughout the world, the five themes of geography, physical and human geography, as well as their role in American Citizenship. Students will learn the fundamental basis for events that forged and shaped our nation as we know it today. Course may be repeated for credit. (Social Studies Core)

Learning Resources Science Course number H9614 1 credit

Students will study three different subjects of science that include Life Science, Earth Science, and Physical Science. For Life Science students will learn the life cycles of plants and animals. Students will learn how to classify animals and recognize the parts of a plant. Students will learn about heredity and growth, and adaptations and behavior within their environments. Students will understand the importance that animals and plants have on each other. For Earth Science, students will learn about the surface of the

Earth. Students will learn how the earth's surface changes. Students will learn what natural resources our Earth provides and how the resources are used in society. Students will learn about the different kinds of weather, along with the different seasons. Students will also learn about the water cycle. For Physical Science, students will learn about matter, how to measure matter, and the different changes in matter. Students will learn about movement, location and forces. Students will learn about magnets. Students will also learn about heat, sound, and light energy and how people use this energy. Course may be repeated for credit. (Science Core)

Learning Resources Math Course number H9613 1 credit

Students will be able to determine, solve, and evaluate algebraic equations. An understanding of the basic terms and symbols of geometry, area, perimeter, and volume will be accomplished by the geometry student. They will be able to use concepts of congruence and similarity to compare lengths, areas, and volumes and understand angle, line, and circle relationships. Classroom assignments and curriculum based assessments are in accordance to child's ability level. (math core)

Adaptive Physical Education Course number 1 credit

This course will support individual student's needs in regards to physical education content for students with a disability which would cause them to not be able to participate in any other physical education course. This course can be repeated for credit. (Physical Education core)

Life Skills Course number H9602 1 credit

Students will learn basic life skills such as cooking, cleaning, shopping, maintaining a budget, hygiene, simple tools, and exercise. Students will also learn many aspects of being a good person and will learn about respect, character, values, morals, being kind, manners etc...Students will also learn basic communication skills which include introducing their self, talking on the phone, and self-advocating for their needs and wants. Course may be repeated for credit. (General Elective)

Community Based Instruction Course number H9603 1 credit

Students are provided the opportunity to work at a place of business within our community to learn on the site job skills. Placement is decided upon ability. Course may be repeated for credit. (General Elective)

Junior High Courses

English 7 Course Number H1212

Students in this course will learn to read, write, speak, listen, take notes, infer, analyze, interpret, draw conclusions, formally present information to their peers, and appreciate varied creative literacy forms including newspapers and magazines. They will learn to compare, contrast, relate, predict, recommend, and state opinions in both written and spoken forms. In addition, they will be able to write friendly and formal letters, book reports, journals, and summaries. Students will also evaluate peer presentations and incorporate technology for research and completion of projects.

English 8 Course Number H1215

Students in this course will read, write, speak, listen, take notes, analyze, interpret, draw conclusions, and appreciate varied creative literacy forms and popular media messages including newspapers and magazines. They will compare, contrast, relate, predict, recommend, and state opinions in both written and spoken forms. In addition, students will write formal and friendly letters, essays, book reports, summaries, journals, and a research paper using MLA style. They will also incorporate technology for completion of other projects.

Math 7 Course number H2020

Students will be able to use a variety of strategies in the problem-solving process. Students will read, interpret, construct, and solve problems using graphs, charts, and tables. Students will solve problems using ratios, proportions, averages, and percentages.

Math 8 Course number H2021

Students will be able to use a variety of strategies in the problem-solving process. They will be able to read, interpret, construct, and solve problems using graphs, charts, and tables. Students will solve problems using ratios, proportions, averages, and percentages.

Advanced Math 7 Course number H2024

The students will be able to evaluate formulas, operate with rational numbers and translate life problems into algebraic expressions and equations. They will apply math to life by developing abilities in higher thinking, communications, and goal setting.

Advanced Math 8 Course number H2023

The students will be able to evaluate formulas, operate with rational numbers and translate life problems into algebraic expressions and equations. They will apply math to life by developing abilities in higher thinking, communications, and goal setting.

Social Studies 7 Course number H4616

Seventh grade social studies will focus on two disciplines: Civics and World Geography. Students will gain valuable insight into their role as a citizen and the basic foundation of the social contract theory in which our nation is based. The student will also possess a mental map of the physical characteristics of the world and understand how geography has shaped and changed cultures throughout history. They will understand how various cultures have shaped and changed our world's geography. The instructor will use a wide variety of instructional strategies which will allow for all student aptitudes and learning styles to be successful in the classroom setting.

Social Studies 8 Course number H4619

The eighth grade social studies student will learn and understand key influences that shaped our nation and possess a chronological perspective of early United States history. The course will begin with the Bering Land Bridge 20,000 years ago through the completion of the American Civil War. Students will possess a visual sense of early U.S. history and view it from various perspectives. The instructor will use a wide variety of instructional strategies which will allow for all student aptitudes and learning styles to be successful in the classroom setting.

Life Science (7th grade) Course number H3020

Each student will learn about our solar system and the effect it has on the earth in relation to oceanography and weather patterns and how this affects our lives on the planet Earth. They will also learn and understand the physical properties of their environment including: forms of heat, electricity, magnetism, and the physical laws of force, motion and work.

Earth Science (8th grade) Course number H3023

Each student will learn and understand the physical, chemical properties, and changes of the matter. They will be able to determine why the Earth has changed internally and externally over millions of years due to the extreme forces of weathering, erosion, and plate tectonics. They will also learn the characteristics of all living organisms from the cell, to the systems of the human anatomy, and explain how the existence of each plays a vital role in the survival of others in their surrounding environment.

JH Spanish Course number H1614

The students will be able to use Spanish to greet people in different situations, imitate language sounds, respond to basic questions, use simple sentences, and respond appropriately to classroom directions in Spanish. They will also possess an introductory knowledge of the geography and culture of countries that use Spanish as a language.

JH Foreign Language Course number H1618

The students will be able to use German, French and Spanish to greet people in different situations, imitate language sounds, respond to basic questions, use simple sentences and respond appropriately to classroom directions. They will also possess an introductory knowledge of the geography and culture of countries that use German, French and Spanish as a language.

JH Safety Course number H6051

Students will learn environmental and community safety procedures to promote and practice healthy decision making skills. First Aid techniques will be examined covering a variety of situations. Students will be introduced to basic athletic training concepts.

JH Success Skills Course number H1322

This course is designed to support student's reading skills in the regular classroom. Students will be tested several times during the year to develop an individual growth plan in the areas of reading fluency, accuracy and comprehension.

JH Art Course number H7027

The student will understand and appreciate the cultural and historical context of art by gaining an understanding of the elements of design in nature and human-made forms. They will be able to create artwork which is unique and explain it using the elements of design.

JH Family and Consumer Science Course number H5417

Students are given the opportunity to explore Family and Consumer Sciences subject matter areas. Instruction includes the areas of nutrition and wellness, clothing and textiles, and resource management. The importance of proper nutrition is emphasized, along with learning basic cooking skills. Wardrobe planning and clothing care are a major emphasis in the clothing and textiles unit. The student will learn to operate a sewing machine and construct a simple project. Time and money management are covered in the resource management unit. Concepts in the areas of housing, childcare, and personal development are incorporated in the three main units of instruction.

JH Careers Course number H5418

This semester course is a career exploratory elective designed to expand student knowledge and interest in a variety of careers.

JH Music I Course number H7120

Students will possess an awareness of music from different periods and cultures. They will learn to be able to listen actively to music, be a positive member of a concert audience, and how to be an informed consumer of music and musical equipment.

JH Music II Course number H7121

Students will possess an awareness of music from different periods and cultures. They will learn to be able to listen actively to music, be a positive member of a concert audience, and how to be an informed consumer of music and musical equipment. This is an extension of Music I.

JH Chorus Course number H7122

This performance course will require students learn and perform a variety of musical selections for a variety of reasons. These performances may occur outside of the regular school year. These performances will be a large portion of the student's grade for the course.

JH Band Course number H7130

The student will be able to demonstrate proper instrumental techniques, possess written and performing knowledge, perform literature from various periods and cultures, and meet performance expectations.

JH Physical Education/Health Course number H6021

Students will be able to demonstrate knowledge and skills which better enable participation in groups and team sports. They will be able to assess physical fitness and participate in activities that improve physical fitness, wellness and cardiovascular capacity.

JH Greyhound Time Course number H9608

Greyhound time is a 20-30 minute session daily. This session is used for advisory programs, assemblies, meetings, office referrals, and individual or small-group instruction. All certified staff will be assigned an intervention group during greyhound time. All students will participate in greyhound time if they are on a full-day schedule. Students will receive a grade for greyhound time.

JH Keyboarding I Course number H5340

This course is designed to teach students to (1) demonstrate proper keyboarding technique; (2) identify and understand the purpose of the various parts of the computer; (3) learn the keyboard and type by the touch method on the alphanumeric keypad; (4) proofread typewritten copy for accuracy; and (5) develop accuracy and speed. Students will also produce personal and business letters, memos, reports, electronic presentations, and other correspondence.

JH Keyboarding II Course number H5337

This course is an in-depth extension of Keyboarding I. It is designed to teach students to (1) demonstrate proper keyboarding technique; (2) identify and understand the purpose of the various parts of the computer; (3) learn the keyboard and type by the touch method on the alphanumeric keypad; (4)

proofread typewritten copy for accuracy; and (5) develop accuracy and speed. Students will also produce personal and business letters, memos, reports, electronic presentations, and other correspondence.

JH Business Communications Course number H5341

Junior High Business Communications is a course designed to equip students with effective reading, writing, speaking, and listening skills for business and social purposes. Business documents, oral presentations, grammar, spelling, and basic vocabulary skills are learned and practiced in a business and social environment. Emphasis will be on learning technology in Microsoft Software, Google Apps, Basic Adobe, and Digital/Social Media.

JH Learning Resources Science Course number H9598

Students will study three different subjects of science that include Life Science, Earth Science, and Physical Science. For Life Science students will learn the life cycles of plants and animals. Students will learn how to classify animals and recognize the parts of a plant. Students will learn about heredity and growth, and adaptations and behavior within their environments. Students will understand the importance that animals and plants have on each other. For Earth Science, students will learn about the surface of the Earth. Students will learn how the earth's surface changes. Students will learn what natural resources our Earth provides and how the resources are used in society. Students will learn about the different kinds of weather, along with the different seasons. Students will also learn about the water cycle. For Physical Science, students will learn about matter, how to measure matter, and the different changes in matter. Students will learn about movement, location and forces. Students will learn about magnets. Students will also learn about heat, sound, and light energy and how people use this energy. Course may be repeated for credit. (Science Core)

JH Learning Resources Social Studies Course number H9599

Students will learn the fundamental basis for cultures throughout the world, the five themes of geography, physical and human geography, as well as their role in American Citizenship. Students will learn the fundamental basis for events that forged and shaped our nation as we know it today. Course may be repeated for credit. (Social Studies Core)

JH Learning Resources English Course number H9600

Students in this course will learn to read, write, speak, listen, take notes, and formally present information to their peers, and appreciate fiction and nonfiction text. They will learn to compare, contrast, predict, and state opinions in both written and spoken forms. In addition, they will be able to write friendly and formal letters, book reports, journals, and summaries. Students will analyze, interpret, draw conclusions, make inferences, and question literary elements including characters, setting, plot, conflict and theme. Classroom assignments and curriculum based assessments are in accordance to child's ability level.

JH Learning Resources Math Course number H9601

Students will be able to determine, solve, and evaluate algebraic equations. An understanding of the basic terms and symbols of geometry, area, perimeter, and volume will be accomplished by the geometry student. They will be able to use concepts of congruence and similarity to compare lengths, areas, and volumes and understand angle, line, and circle relationships. Classroom assignments and curriculum based assessments are in accordance to child's ability level.

JH Adaptive Physical Education Course number H6028

This course will support individual student's needs in regards to physical education content for students with a disability which would cause them to not be able to participate in any other physical education course. This course can be repeated for credit. (Physical Education core)

JH Life Skills Course number H9606

Students will learn basic life skills such as cooking, cleaning, shopping, maintaining a budget, hygiene, simple tools, and exercise. Students will also learn many aspects of being a good person and will learn about respect, character, values, morals, being kind, manners etc.. Students will learn basic communication skills which include introducing their self, talking on the phone, and self-advocating for their needs and wants. Course may be repeated for credit. (General Elective)