

JOHN EDWARDS HIGH SCHOOL

2007 - 2008 COURSE DESCRIPTIONS

Port Edwards School District policy states that in order for one to graduate from John Edwards High School one must earn a minimum total of 22.0 high school credits. Of this minimum 22.0 credit requirement, 4.0 credits must be earned in English, 4.0 credits must be earned in Social Studies, 3.0 credits must be earned in Math, 3.0 credits must be earned in Science (1.0 credit of which must be Physical Science), 1.5 credits must be earned in Physical Education and 0.5 credit must be earned in Health. The remaining 6.0 credits needed to achieve the 22.0 credit minimum requirement may be selected from any of the available course offerings.

Most students at John Edwards High School who choose to take one study hall per semester will have the opportunity to earn 7.0 credits per school year. Therefore, ample opportunity is available to exceed the minimum credit requirement within four years of high school.

Students planning to attend college or university are strongly encouraged to take at least 4 credits of Math and at least 4 credits of Science as part of their high school program of study. At least two years of Foreign Language are highly recommended by colleges and universities. Currently, UW-Eau Claire and UW-Madison admissions standards require two years of Foreign Language. Technical colleges may also require higher standards, especially for admission into the science and health related programs.

Specific admission requirements vary at each technical college, college or university campus. See the guidance counselor or potential college for more details. Informational brochures, catalogues and website addresses are available in the guidance office. Please stop in to obtain this information.

All students are encouraged to meet with the guidance counselor at least once per year to discuss course selections, career plans and other important information.

Administration will take a variety of factors into consideration, including student requests for courses, in determining the master schedule plan for 2006-2007. If a student's schedule is affected by course cancellation, they will be asked to meet with guidance staff to make adjustments to their schedule.

ENGLISH

Students need to earn 4.0 credits of English in order to meet graduation requirements. Freshmen will take 1.0 credit of World Literature. Sophomores will take 0.5 credit of Survey of Literature and 0.5 credits of Oral and Written Communication. Juniors will take either American Literature or Pre-AP American Literature which is a prerequisite for 12th grade AP Literature & Composition. Seniors are allowed to select from the various English course offerings to fulfill the remaining 1.0 credit requirement.

World Literature – Full year course – .5 credit per semester – 9th grade

An overall study of reading, writing, speaking, listening, and thinking skills. Students will cover vocabulary, essay writing, short stories, drama, speech, poetry, and novels.

Survey of Literature – One Semester - .5 credit – 10th grade

As a survey course, this class will deal with a variety of genres and styles of literature. Text studied throughout the year will include Of Mice and Men, To Kill a Mockingbird, Forged by Fire, Lord of the Flies, Speak and Tuesday's with Morrie. In addition to these novels, various short stories, poems, and a Shakespearean play will also be covered. Students will complete numerous written assignments. This course will continue to concentrate on grammar, vocabulary, and the fundamentals of writing.

Oral and Written Communications – One Semester – .5 credit – 10th grade

In this course students will participate in and study the means of effective oral and written communication. Students will review the proper uses of the English language in written and spoken form. Students will participate in speech, debate, and short

dramatic readings. Writing and research will be incorporated throughout the semester as students analyze communication methods and write their own speeches and debates.

American Literature – Full year course – .5 credit per semester – 11th grade

Students will be exposed to a variety of genres, styles, and authors in American Literature. The emphasis will be placed upon stories that complement America's history. Students will write a research paper in standard MLA format. Other forms of writing to be completed include literary analyses, creative writing, and personal responses. Oral communication skills will also be touched upon, as well as continued concentration on grammar, vocabulary, and the fundamentals of writing.

Modern Fiction – One Semester - .5 credit per semester - 11th-12th grades

This is a writing emphasis course that focuses on contemporary fiction/literature. Students will be exposed to a variety of genres and writing styles. Units will be developed based upon a common theme, such as Mystery Literature, and students will read poems, short stories, essays, novels, etc. to accompany each unit. Film, mass media, and nonfiction will also be incorporated throughout the units. Students will display their knowledge by writing numerous literary analyses, personal responses and some creative writing projects. Oral communication skills will also be touched upon, as well as continued concentration on grammar, vocabulary, and the fundamentals of writing.

Many Voices: Journeys in America – One Semester - .5 credit per semester – 12th grade

This course will focus on multi-cultural/women authors. The students will read novels, short stories, poetry, and non-fiction from various authors. Writing will also be an emphasis in this course. Students will display their knowledge of the material by writing a variety of literary analyses, personal responses and writing projects. Some film interpretations of the stories read will be incorporated into the course. Some of the novels that will be read will deal with sensitive/adult subject matter. Books to be included in the course are: The Color Purple, The Joy Luck Club, The Awakening, and The House on Mango Street.

College Prep Writing – One Semester – .5 credit – 11th-12th grades

College Preparatory Writing is a course designed for students who desire to learn how to write college papers and to improve their writing techniques. A research paper is required. Students will write a variety of essays as well as study weekly vocabulary words. Types of essays students will write during the course may include: process, descriptive, compare/contrast, persuasive, cause and effect, and narrative. In conjunction with essay writing, students will hone their critiquing skills by critiquing each other's essays. Resume writing and other business communication skills will also be part of this course. This class is recommended to anyone who wants to improve upon, or practice, their writing skills.

Media Literacy: Thinking critically about Media – One Semester - .5 credit – 12th grade

This course is designed to help students focus on analyzing various media. Film and TV shows will be viewed. Music and advertising will also be studied. Students will gain an understanding of how to filter information they receive from the media and learn to think critically about what is being presented to them through the media. Movies and TV will also be viewed and discussed for media content and analysis and also as narratives. In this way students will view a movie, discuss it and analyze it like it is a novel. Students will be expected to write for a variety of purposes (analysis, creative, persuasive, etc) as well as read articles regarding media.

Pre-AP American Literature – Full year course - .5 credit per semester – 11th grade

This course will prepare students for the AP class available during their 12th grade year. The focus will be on writing a literary analysis, which is the basis of the AP Exam to be taken at the completion of the 12th grade AP class. The readings will focus on American literature and the different literary traditions established in American literature. Students will survey America's literature from colonization to present day. Students will read a variety of genres, styles, and authors. Texts to be studied throughout the year may include My Antonia, The Crucible, The Great Gatsby, The Grapes of Wrath, and others. Poetry will also be a focus of this course. Students will write for a variety of purposes, but the main goal is literary analysis.

AP Literature and Composition – Full year course - .5 credit per semester (12th grade – instructor approval)

An Advanced Placement English course in Literature and Composition will engage students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students will deepen their understanding of the ways writers use language to provide both meaning and pleasure for their readers. Students will be asked to consider a work's structure, style, and themes as well as smaller-scale elements such as the use of figurative language, imagery, symbolism, and tone. Students will be covering various genres, periods, and styles from authors including Toni Morrison, Alice Walker, T.S. Eliot, Langston Hughes, Edgar Allan Poe, William Shakespeare, Lorraine Hansberry, Chinua Achebe, Willa Cather, Stephen Crane, F. Scott Fitzgerald, Nathaniel Hawthorne, Ernest Hemingway, etc. Writing is an integral part of this AP

course. Writing assignments will focus on the critical analysis of literature with some creative writing assignments to help students see from the inside how literature is written.

There is an \$82 lab fee for this course to cover the cost of the AP Exam to be taken in May. Students who score a 3 or above on the exam will have this fee reimbursed. Scoring a 3 or above on the AP test will give the student college credits in English.

MATHEMATICS

Students need to earn 3.0 credits of mathematics in order to meet graduation requirements. Pay special attention to the indicated prerequisites as this lays forth the course sequence. Although only 3.0 credits of mathematics are required to graduate, students considering college or university study are strongly advised to take 4 credits of upper level mathematics. Students are advised to check admission recommendations for specific technical college, college or university campuses and programs and plan accordingly.

Algebra I – Full year course - .5 credit per semester

The purpose of Algebra I is to lay a solid foundation necessary to be successful in future math courses and in today's world. Topics to be studied include: properties of real numbers, solving and graphing linear equations and inequalities, analyzing functions and relations, solving systems of equations and inequalities, and working with various kinds of polynomials and nonlinear functions. Also included in the course are various topics in geometry, statistics, and probability. This course will prepare the student for Geometry and helps meet the mathematics requirements for post- secondary schooling.

Geometry – Full year course - .5 credit per semester - (Prerequisite: Algebra I)

This course will help students discover, learn, and apply geometry. It will provide opportunities to review and use algebraic concepts while studying geometry. Topics to be studied include: reasoning in geometry, parallels and polygons, triangle congruence, triangle inequality, quadrilaterals, perimeter and area, shapes in space, surface area and volume, proportions and similar shapes, circles, and trigonometry. Probability and statistics are discussed throughout the course. This course will prepare the students for Algebra II and helps meet the mathematics requirements for post-secondary schooling.

Integrated Math II – Full year course – .5 credit per semester – (Prerequisite: Geometry)

This course will focus on strengthening various algebra, geometry, statistics, and probability skills needed to succeed in Algebra II in a more individualized manner. The course reviews some skills from Algebra I and Geometry as well as introduce some of the topics to be covered in Algebra II.

Algebra II – Full year course - .5 credit per semester - (Prerequisite: Algebra I and Geometry)

This course will expand and review the skills learned in Geometry and Algebra I. Topics to be studied include: linear relations, graphs, matrices, systems, quadratic equations, functions, powers, roots, polynomials, conic sections, and trigonometry. Probability and statistics topics are interwoven throughout the course. This course will prepare the student for Pre-calculus and helps meet the mathematics requirements for post-secondary schooling.

Integrated Math III – Full year course – .5 credit per semester (Prerequisite: Integrated Math II or Algebra II)

This course will extend the content studied in Integrated Math II. The course will review algebraic concepts and expand those into exploration of functions, proofs and logic, calculus, trigonometric concepts associated with vectors, probability, and transformations.

Pre-calculus: Full year course - .5 credit per semester - (Prerequisite: Algebra II)

Pre-calculus is designed to prepare students for Calculus and higher college math courses. This course will review and expand on Algebra II concepts. Topics covered are: polynomial, exponential, logarithmic, trigonometric functions and their graphs, systems of equations, analytic geometry, matrices and determinants, statistics, series, and probability.

Calculus – Full year course – .5 credit per semester – (Prerequisite: Pre-Calculus)

This course will cover the basics of calculus. The topics will include some from previous mathematics work, such as functions, continuity, trigonometry, and statistics. The majority of the topics will be devoted to differentiation, integrals, the fundamental theorem, and the applications of each. Graphing calculators will be utilized throughout the course.

SCIENCE

Students need to earn 3.0 credits of science in order to meet the graduation requirements (1.0 credit of which must be Physical Science). Freshmen will take 1.0 credit of Physical Science. Sophomores will take 1.0 credit of Biology. Students are able to select from the various science courses offered in order to fulfill the remaining 1.0 credit requirement. Please pay close attention to the cited course prerequisites as they lay out the sequences within the department. Students planning to pursue technical college education, especially in the scientific or health related programs, and students planning to attend college or university are strongly advised to take Chemistry for their 3rd science credit in addition to at least a 4th credit selected from upper level science course offerings

Physical Science - Full year course – .5 credit per semester – 9th grade

Physical Science is designed to develop a better understanding of the natural and physical world. The following are explored by means of discussions, demonstrations, activities, and laboratory experiments: metric system, changes in matter, sound, simple machines, forces and motion, electricity, magnetism, light, and alternative energy sources. Emphasis is placed on the scientific method and mathematical applications.

Biology I - Full year course – .5 credit per semester – 10th grade

Biology is the study of plant and animal life. The main focuses are an introduction to ecology, cells, kingdoms, their development, levels of complexity and interrelationships. This culminates in an introduction to the study of the biology of man. All areas of study are coordinated with laboratory investigations.

Integrated Science – One Semester – .5 credit per semester – (Prerequisites: Physical Science and Biology)

A general science class that will incorporate thematic units from all three branches of science: life, Earth, and physical. Topics may include current science issues, household chemistry, nutrition, cartography, forces and motion, environmental issues and technology. Emphasis is placed on laboratory experiences, application of concepts to everyday life, and societal impacts of scientific technology.

Anatomy & Physiology – Full year – .5 credit per semester – 11th-12th grade – Prerequisite: C in Biology

The in-depth look at the eleven organ systems of the human body and how they interact. Main focuses are on the skeletal, muscular, digestive, circulatory, and nervous systems. Lecture material is supplemented with dissection of a preserved feline. Lecture and lab will be equally emphasized. Lab fee: \$20.00

Immunology – One Semester – .5 credit – 11th-12th grade – Prerequisite: Biology and Chemistry

This course's main focus is the immune system of man, the cells and molecules involved, the mechanisms of immune responses, pathogens, bacteria, diseases and viruses. Antibody and antigen relationships and how they are used in research, industry, and clinical applications will be the main focus of lab materials.

Astronomy – One Semester – .5 credit – Prerequisite: Physical Science

This class will focus on the large masses of our universe. Topics will include our solar system, the planets, moons, asteroids, galaxies, cosmos, stars, and constellations. One viewing per month will be required. A viewing is a class meeting outside of school hours at night.

Meteorology – One Semester – .5 credit – Prerequisite: Physical Science

The main focus of this course is the weather of the planet. Topics will include atmosphere composition, pressure, humidity, precipitation, wind, weather patterns, fronts and front movements, clouds, storms, and radiation and absorption of heat from the sun.

Historical Geology – One Semester – .5 credit – Prerequisite: C in Physical Science/ C in Biology

This class will center around geological formations, patterns, faults, and succession. The other focus of this course will be the fossil record of life on this planet and how it has genetically evolved.

Botany – One Semester – spring semester - .5 credit – Prerequisite: Biology

Botany is the study of plants and their physiology. Main units will include horticulture, hydroponics, greenhouse and forestry management, and landscape design. Lab fee - \$15.00

Independent Study Introduction to Scientific Greek and Latin – One Semester - .5 credit – Prerequisite: Currently enrolled in a study hall

In this course the student will learn root words, prefixes, and suffixes used in science and in life. Students will be required to take one quiz per week on SiPs to monitor progress.

Chemistry - Full year course – .5 credit per semester - (Prerequisites: Core 2 with a C average)

A science of matter and energy with an emphasis on matter. This course is based on modern theory and presents an introduction to fundamental terms and concepts of physical science: develops topics of atomic theory, periodic table, chemical bonding, organic chemistry, stoichiometry of chemical equations and types of reactions. Emphasis on computational skills needed to calculate reactants and products of reactions, and problem solving necessary for application of concepts. Provides a strong foundation for advanced chemistry or physics.

Advanced Chemistry/Environmental Chemistry – Full year course – .5 credit per semester - (Prerequisite: Chemistry)

This course builds on principles established in general chemistry. Theoretical quantitative and qualitative concepts will be reviewed. Laboratory work will be a large emphasis of the course; putting into application theoretical concepts. This is a critical course for those pursuing a science-related career at the technical college, college or university level.

Physics - Full year course – .5 credit per semester - (Prerequisites: B in Core 3) – 12th grade

Physics is a physical science which deals with forces, motion, energy and their interactions. The following are explored by means of discussions, demonstrations, activities and laboratory experiments: mechanics, heat, sound, light, magnetism and electricity.

Advanced Placement Biology - Full year course – .5 credit per semester - (Prerequisites: Biology and at least concurrent registration in Chemistry) – 11th-12th grade

This course is designed to prepare the student to take the Advanced Placement Examination in May to earn college credit in Biology. The student will have a rigorous schedule in a college biology textbook, accompanied by various outlines, concept maps, power points, and open-ended essay questions to guide study. Discussion sessions and laboratories will be the major focus. Lab Fee: \$20.00

There is an additional \$82 lab fee for this course to cover the cost of the AP Exam to be taken in May. Students who score a 3 or above on the exam will have this fee reimbursed. Scoring a 3 or above on the AP test will give the student college credits in Science.

SOCIAL STUDIES

Students need to earn 4.0 credits of social studies in order to meet graduation requirements. Freshmen will take 1.0 credit of World History and sophomores will take 1.0 credit of U.S. History. Students are able to select from the various social studies course offerings in order to fulfill the remaining 2.0 credit requirement. All students are strongly encouraged to earn 0.5 credit of American Government. All students planning to go to college or university are strongly encouraged to earn 0.5 credit of Political and Economic Theory.

World History – Full year course – .5 credit per semester – 9th grade

World History tells the stories of people, events, and institutions from the earliest civilizations to modern times. It touches upon people's beliefs, the ways they meet their economic needs, the social and political institutions they form, and the culture they transmit from one generation to another.

U.S. History – Full year course – .5 credit per semester – 10th grade

This course will cover the history of the United States from the first people in the Americas to modern times. The focus of the course will be the people, events, institutions, and the ideas that have formed America. This course will stress the important concepts that have shaped the history and image of the United States at home and throughout the world.

American Government – One Semester – .5 credit – 11th-12th grade

This course will be an overall view of the American system of government. By studying the forms, purposes, and institutions of the government, students will gain a better understanding of government action. Students will learn how the government influences their everyday lives and how they can influence the government through a variety of means.

Political and Economic Theory – One Semester – .5 credit - 11th-12th grade

The study of the development of various political and economic theories through history will be emphasized. Students will cover an in-depth study of such philosophers as Plato, Aristotle, Machiavelli, Marx, and Smith. College level reading and expectations will prepare students for post secondary education.

Microeconomics – One semester - .5 credit – 11th-12th grade

This course is an introduction to the basic concepts of economics. It will focus on the concepts of supply, demand, and prices. Personal money management and making wise monetary decisions will also be examined. Junior Achievement will be a key component of the class.

Modern US History – One Semester - .5 credit -11th-12th grade

This course will be an expansion of the modern era of U.S. history that students were introduced to in the U.S. History course. This course will offer an expanded look at the issues, people, and events that helped shape modern America. Students will do research on a topic of their choice to help stimulate their own interest in modern U.S. history.

The Holocaust and Intolerance – One Semester - .5 credit – 11th-12th grade

Students taking this course will examine the Holocaust in depth, studying a wide range of sources, including historic documents, literature, films and survivor testimonies. Student-centered discussion, independent research, and group projects are emphasized to help individuals develop a personal understanding of the Holocaust's meaning for today's world. Other examples of genocide such as Armenia, Rwanda, and Sudan will also be discussed.

Psychology – One Semester – .5 Credit – 11th-12th grade

Psychology is the study of human behavior and mental processes. This course will give students a basic overview of psychology, its purposes, practices, theories, and major contributors. Concepts of everyday human interaction, basic reasoning, and research techniques will be stressed.

World Geography – One Semester – .5 credit – 11th-12th grade

Students will take an overall look at the world, its peoples, cultures, and major geographical features. Areas emphasized will include Africa, Asia, the Middle East, and Europe.

Current Issues - One Semester – .5 credit – 11th-12th grade

Students will examine issues of today including the background and history related to the specific topics. Students will be required to research and discuss various issues. Research is a key skill and component of this course, students will be required to choose at least two books per quarter to read, evaluate, and discuss with the class related to a variety of topics. Students may also participate in a variety of service learning projects.

HONORS: 11TH & 12TH Grade Classes and Students

This option will be offered for all 11th & 12th grade classes and students. This option will allow students to do advanced studies on topics related to the course chosen. Students who choose the honors option will attend the regularly scheduled class as well as be required to do at least 2 projects per quarter beyond the normal coursework. Courses cannot be taken as a regular class one semester and honors the next. Upon completion of the honors course the transcript will be annotated to indicate that this was an honors course. However, the grade and grade point average associated with honors courses will not be weighted. Prerequisite: B average in all Social Studies classes and instructor approval.

PHYSICAL EDUCATION and HEALTH

Students are required to earn 1.5 credits of physical education and 0.5 credits of health in order to meet graduation requirements.

Physical Education – Grades 9-12 – .5 credit per semester (1.5 credits required for graduation)

Grades 9-12 physical education programs are offered in lifetime sports. It provides students with appropriate skills to maintain physical fitness and a healthful lifestyle throughout their adult years, offering individual as well as team activities.

Health Issues for Young Adults - One Semester – .5 credit – 9th grade required

Topics may include: communicable diseases, drug education, first aid, CPR, sexuality, stress and emotions, careers in the health field, utilization of “Newspaper in Education” through current health topic articles and discussion. Students are involved in curriculum selection process.

ART

Students are encouraged to experience art courses as part of their elective coursework. Please pay close attention to the cited prerequisites as they set forth the course sequences within the Art department. 2-D Foundations and 3-D Foundations, as their names indicate, are foundational courses within the Art department. This beginning level 2-D course must be taken prior to intermediate or advanced level 2-D courses and the same is true within the 3-D course sequence.

In choosing courses for next year, please note that all of the high school art classes have lab fees and that many have prerequisites. John Edwards High School currently offers two beginning, three intermediate, and two advanced level courses.

2-D Foundations - One Semester - .5 credit

This beginning level high school course focuses on understanding and applying the elements and principles of design through a variety of two-dimensional experiences including drawing, painting, collage and printmaking. Students cover many subjects and themes as they practice and explore mediums such as pencil, pen, pastel, printing, acrylic and watercolor painting. Time will be spent learning to critique their own artwork and studying famous artists throughout history. Students will experience and begin to analyze and respond to a wide variety of artwork.

LAB FEE -\$10.00

3-D Foundations - One Semester - .5 credit

This beginning level high school course will focus on understanding and applying the elements and principles of design through a variety of three-dimensional design and sculpture experiences. Students cover many subjects and themes as they practice and explore areas such as model construction, glass mosaic, paper mache, fibers, plaster, found object and clay sculpture. Time will be spent learning to critique their own art as well as studying the art of other artists and cultures throughout history. They will experience and begin to analyze and respond to a wide variety of artwork.

LAB FEE -\$10.00

STUDENTS MUST PROVIDE A PAIR OF SAFETY GLASSES

Drawing & Painting - One Semester - .5 credit (Prerequisite: 2-D Foundations)

In this intermediate level course, students will apply and synthesize the elements and principles of design through challenging projects in various 2-D mediums. Emphasis will be placed on individualized instruction, continued skill development, visual communication of ideas and higher-level analysis and critique of artwork. Mediums will include drawing, painting and printmaking.

LAB FEE- \$20.00

INTRO TO PHOTOGRAPHY & DIGITAL DESIGN - One Semester - .5 credit (Prerequisite: 2-D Foundations)

This intermediate level course is an introduction to the art of photography and digital design. Students will learn the history of photography, use and care of a complicated digital camera, correction and manipulation of digital images via computer and basic computer based graphic design. Emphasis will be placed on understanding how to use and apply the elements and principles of design to create quality, meaningful work. This rigorous course requires a certain amount of text and written work. It is suitable for responsible students who can manage their time productively, take ownership for learning technical procedures and are able to responsibly use expensive equipment.

LAB FEE- \$30.00

3-D Studies - One Semester - .5 credit (Prerequisite: 3-D Foundations)

In this intermediate level course, students will apply their knowledge of the elements and principles of design through open ended projects while learning technical skills in ceramics and stained glass. In ceramics, students will explore high-level hand building then learn and practice the basics of wheel thrown pottery. They will create decorative sculpture and functional ware. Students will learn and practice basic stained glass skills then apply them in a stained glass panel of their design. Time will be spent studying and critiquing the ceramic and stained glass work of other artists and periods in history.

LAB FEE- \$30.00 - \$40.00 STUDENTS MUST PROVIDE A PAIR OF SAFETY GLASSES

Advanced 2-D Studies - One Semester – .5 credit

(Prerequisite: 2-D Foundations, B+ or better in Drawing & Painting or Photography)

This advanced level course will allow those students with ability, motivation and drive the opportunity to intensively study a given 2-D medium, (drawing, painting, or photography), on a semi-independent basis. Together student and instructor will determine a course of study based on the student's skills and goals. Students must be able to manage their time productively, carry research and projects through independently and meet deadlines. Students will be encouraged to develop their own style, explore career opportunities and develop a digital portfolio of their work.

LAB FEE- \$30.00

THERE MAY BE ADDITIONAL COSTS BASED ON PROJECT CHOICES

Advanced 3-D Studies -One Semester - .5 credit

(Prerequisite: 3-D Foundations and a B+ or better in 3-D Studies)

This advanced level course will allow those students with ability, motivation and drive the opportunity to intensively study a given 3-D medium in which they have considerable previous guided experience, on a semi-independent basis. Together the student and instructor will determine a course of study based on the student's skills and goals. Students must be able to manage their time productively, carry research and projects through independently and meet deadlines. Students will be encouraged to explore and develop their own ideas and techniques and put together a digital portfolio of their work.

LAB FEE- \$30.00

THERE MAY BE ADDITIONAL COSTS BASED ON PROJECT CHOICES

BUSINESS EDUCATION

Students are encouraged to experience business education courses as part of their elective coursework. Freshmen will take Computer Applications 1. Students are strongly encouraged to earn .5 credit in Personal Finance during high school.

Publications – Full year course – 1 credit – Instructor Approval

This class will produce the school yearbook and the district newsletter using the desktop publishing software. Students will be responsible for page layouts, graphics, photography, selling advertising and meeting all required deadlines. Students will use scanners, digital cameras, and various resources supplied by the yearbook printing company. When the yearbook pages are complete, the students will work on various other desktop publishing projects. Adobe PageMaker and Adobe Photoshop will be used to develop the yearbook.

Business Applications – One Semester .5 credit (not available to 9th grade)

This course is designed to give students an opportunity to explore many areas of business. Some of the topics covered are entrepreneurship, marketing and advertising, business law, management, business finance, office procedures, business computer applications, and many more. Students use a business plan for a business they create.

Computer Applications I - One Semester - .5 credit – 9th grade students will take this course. MOS Certification

The emphasis of this course is on the concepts of computing and problem solving through hands-on computer applications most frequently used in business and at home. Students will become proficient in word processing, spreadsheet applications, database applications and using electronic presentation software. Composition and data entry skills will be developed with an emphasis on punctuation, spelling and proof reading. Additional activities may include web page design, and desktop publishing. Microsoft: Word, Excel, Access, and Power Point, Microsoft FrontPage and Publisher are used. Students will be given the opportunity to become MOS (Microsoft Office Specialist) certified—the leading industry standard for demonstrating desktop skills.

Personal Finance – One Semester .5 credit

The course includes such topics as money management, investing, comparison shopping, insurance, credit, housing, banking service, and taxes. The use of software packages dealing with personal finance will be integrated into the course when available and appropriate. The course will help students come face to face with aspects of personal and business law and with adult concerns such as bills, mortgages, and taxes before they are faced with them as consumers in real life.

Computer Applications II – One Semester .5 credit (Prerequisite: Computer Applications I and Instructor Approval)

Continues the study of computers in a business environment. Students will use the Internet, PowerPoint, Web Page Design, Publisher, Quicken, and Microsoft Office software in a variety of real-world activities.

Sports & Entertainment Management –One Semester .5 credit- 11th–12th grade

Sports and Entertainment Management is a specialized course for students with a career interest in the fields of sports, recreation, and entertainment. Students will use the general principals of management to make informed decisions through the effective use of people and other resources. This course is designed to provide knowledge in operations, human resources, marketing, and the use of information technology in the industry. Major areas that will be covered are professional sports, theme parks, TV and movie industries, concert and arena productions, and theme restaurants. Students will also obtain an understanding of the career options available within the fields of sports and entertainment. This course is project driven, designed to give students opportunities to learn what it would be like to work in the sports and entertainment industries.

FAMILY & CONSUMER EDUCATION

Students are encouraged to experience family and consumer education courses as part of their elective coursework. Please pay attention to cited prerequisites as they indicate sequence patterns for the department.

Introduction to Foods - One Semester - .5 credit

In this course students will explore basic principles of food service. Students will learn safety, sanitation, recipe quantification skills, basic cooking principles and entry level career opportunities. (If a student has taken Food Service and Advanced Food Service they are not eligible for this course.) This course is a prerequisite to Culinary Arts I and Culinary Arts II. \$20 semester lab fee

Culinary Arts I - One Semester - .5 credit - (Prerequisite: Introduction to Foods)

In this course students will study food service principles via the ProStart curriculum. Students will learn basic food service job skills, such as cooking, purchasing, receiving and storing food. Junior and senior students, who are eligible, could earn work credit. Students may plan and prepare for events such as Madrigals, Cabaret, and school lunch. This course is a prerequisite to Culinary Arts II. \$20 semester lab fee

Culinary Arts II - One Semester - .5 credit - (Prerequisite: Culinary Arts I)

In this course students will study advanced cooking and baking techniques via the ProStart II curriculum. Students will also learn food service management principles. Upon completion of Culinary Arts I and Culinary Arts II, students have the voluntary opportunity to take a ProStart test which if passed would allow for entry level work into almost any restaurant and/or hospitality establishment. Students may plan and prepare for events such as Madrigals, Cabaret, and school lunch. Junior and senior students who are eligible could earn work credit. \$20 semester lab fee

Parent/Child - One Semester – .5 credit – (Not available to 9th grade)

Even if one is not a parent or are not planning to be one for some time, this class will help you to become a more perceptive and caring individual in your relationship with others. Major areas of study include issues and concerns facing parents today, the parenting "role," the parenthood decision, and child development topics.

Family Relationships - One Semester - .5 credit - 11th-12th grade

This course explores the dynamics of human relationships in the student's role as an individual, friend, family member, consumer, and employee. Through their relationships, they make decisions that can have long-term effects. Students can choose to face reality, learn to accept responsibility, think about the future, learn to set reasonable goals, and learn sound decision-making skills, all which have an impact on the well-being of self, family and society.

Going to Work - One Semester - .5 credit

The intent of this course, is to prepare the student to enter the world of work. At the conclusion of this course the student will have completed job applications, employee-screening tests, a resume and job interviews. Resource speakers will address topics from education to job market statistics. A personal portfolio will be developed.

Life Skills - One Semester – .5 credit

In this course, the student will learn skills essential to survival in the everyday world. Major topics include communication, decision-making, problem solving, nutrition and consumer economics.

Introduction to Health Care Careers – One Semester - .5 credit – Prerequisite: 11th-12th grade and Biology

This course will focus on careers related to health, wellness, and human growth and development. Emphasis will be given to skills necessary for working in medical professions (nursing, pharmacology, etc.), as well as social service professions related to health care (counseling, dietetics, etc.). Students will explore various aspects of the health care industry (history, demographics, clusters within the industry such as biotech research) and examine a multitude of occupations related to health care.

Working With Children - One Semester – .5 Credit - (Prerequisite: Parent/Child)

This course examines the knowledge and skills necessary for teaching/working with young children with an emphasis on carrying those skills over into the world of work and the child care industry. Major areas of study include career opportunities in the areas of care giving and children; guiding and teaching young children in a mini-preschool lab experience, and issues related to operating/working in a child care center. Limit 10 students

Food, Nutrition, and the Human Body – One Semester – .5 credit

In this course students explore how the body utilizes different food components, such as protein. Students will examine food for nutritional value and overall quality. Students will also briefly explore worldwide hunger and global food scarcity. Labs will be a small portion of class and cooking will be based around quality, healthy, meal preparation principles.

FOREIGN LANGUAGE

Students planning to attend college or university are strongly advised to take at least 2.0 credits of a foreign language as part their elective coursework. Currently, UW-Eau Claire and UW-Madison require at least 2.0 credits of a Foreign Language as an admission standard.

Spanish 1 – Full year course – .5 credit per semester

In Spanish I students will be introduced to the language and cultures (beliefs, life styles, and characteristics) of the Spanish-speaking world. The Spanish language differs from the English language in grammar structures. The goal in Spanish I is to acquaint students with the everyday world of Spanish. In other words, students will learn and utilize vocabulary and grammar that deals with everyday life. Topics might include: family, self, school, hometown, home, friends, sports, and hobbies. This course builds on the material learned.

Spanish 2 – Full year course – .5 credit per semester

PREREQUISITE: Spanish II is open to all students who successfully receive a “C” or better for the Spanish I year and/or 7th and 8th grade Spanish. Currently, students pursuing a college degree need two years of the study of the same world language.

Spanish 2 is an intense continuation of the study of Spanish, the cultures and the language. The focus is on grammar with opportunities to verbally, and in writing, express these concepts. Vocabulary highlights the home, work and play. Several tenses for verbs are studied. Active participation and use of the target language is encouraged in the classroom. The standard for Spanish 2 emphasizes the language. Several folktales will be read with various interpretations of the stories done by the students in the target language. Throughout the year, oral and written assignments will meet the goal for language proficiency.

Spanish 3 – Full year course – .5 credit per semester

PREREQUISITE:

Open to all students who successfully complete High School Spanish II with a "C" Average. No one with less than a "C" average in Spanish II will be permitted to take the class without instructor's permission.

This course continues to develop the four language skills: reading, writing, listening and speaking, previously studied in lower levels. Different texts will be read and discussed with an emphasis in literary genres, grammar, vocabulary and spelling. Chilean and Latin American authors are studied, especially in narrative and poetry genres. Students learn how to write an essay, how to think with a particular point of view, how to explain their ideas to others, and how to listen to others.

Spanish 4 – Full year course – .5 credit per semester

PREREQUISITE: Open to all students who successfully complete High School Spanish III with a "C" Average or with instructor's permission.

This level emphasizes the study of Latin American and Spanish authors. The four literary genres and their particular characteristics are studied. Students are encouraged to express their opinion in a critical way and to explain and find solutions to today's problems. Vocabulary development is also stressed.

MUSIC

Students are encouraged to experience music as part of their elective coursework.

Concert Choir – Full year course – .5 credit per semester

The Concert Choir is open to any student who has the interest and enthusiasm to participate. The Concert Choir presents regular concerts throughout the year which include: Madrigal Dinner, Cabaret, musical, as well as several other performances. Participation in all performances is required. Choir is open to all students who have the thirst for fun and the desire to earn .5 credit.

Concert Band - Full year course – .5 credit per semester

Concert Band is open to any student who plays a band instrument in grades 9-12. Anyone interested and enthusiastic is encouraged to participate. The Concert Band performs for concerts, parades, athletic events, memorial services, and graduation. Participation in all performances is required. A prerequisite to register for band is participation the previous year or director approval.

TECHNOLOGY EDUCATION

Students are encouraged to experience Technology Education courses as part of their elective coursework. Please pay attention to cited user fees as well as prerequisites as they set forth the departmental sequence pattern for courses offered.

Exploring Technology and Careers – One Semester - .5 Credit

This class introduces students to all areas of technology and where it may take them in the future. Exploring Tech is hands on and project-based where students will get the opportunity to try cabinetmaking, welding, manufacturing, drafting, printing, construction, engineering and more! Students will learn that there is a definite need for employees in technical fields with excellent pay. They will learn what is out there and what it takes to get hired. *(Limit 20 students)*

Intro to Woodworking – One Semester - .5 Credit

This class is designed to teach students the fundamentals of woodworking. It is a hands-on class packed full of projects where each project is carefully picked to introduce a new tool or skill. This class goes at an easy, step-by-step pace to be sure that even the most timid student will succeed. Students will have a \$20 user fee to cover materials for this class. *(Limit 16 students)*

Advanced Woods and Cabinetmaking (Prerequisite –Intro to Woodworking) – One Semester - .5 Credit

This class takes woodworking to a career exploration level. Cabinetmaking can be a profitable job and this class will give students the tools needed to be successful. This is a fast-paced, project-based class where students will be building beautiful pieces of furniture. New skills and techniques will be introduced with each of the projects. Students wishing to keep their projects will have to pay for the cost of materials. *(Limit 16 students)*

Independent Woodworking (Prerequisite – Adv. Woods) – One Semester - .5 Credit

This class gives students the opportunity to build projects of their choice. Students must design and plan their project, then get instructors approval before building. Projects may include entertainment center, gun rack, dresser, desk, kayak, etc. Students will be responsible for paying for all of the materials used on their project. *(Limit 14 students)*

Machining and Welding – One Semester - .5 Credit

This class teaches students about machining, welding and fabricating metal. This is a project-based class where students will be getting excessive practice using both the arc and wire-feed welders, operating the mill and lathe, using the sheet metal

equipment and using the oxy-acetylene torch and plasma cutter. Students will have a \$35 user fee to cover materials for this class. *(Limit 16 students)*

Advanced Machining and Welding (Prerequisite – Machining and Welding) – One Semester - .5 Credit

This class will take welding and machining one step further where students will be building on what they have already learned. The projects will be larger and more complex. Students will get a feel for what it's like working at a real welding and fabrication shop. *(Limit 14 students)*

Drafting – One Semester - .5 Credit

-Drafting will become a prerequisite to taking Intro to Engineering in the future

This class is designed to introduce students to drafting and computer-aided drafting. Students will start with basic problems in engineering and gradually reach the level of 3-D modeling. Hands-on projects will accompany most large drawing assignments. Students will end the class with units in architecture where they will design the floor plans of a house and build a scale model. *(Limit 10 students)*

Transportation Technology – One Semester - .5 Credit

This class covers all areas of transportation including land, water, air and space. This is a project-based class, with dozens of projects where students will get to physically experiment with how things work such as wings, transmissions, sails, and rockets. Some of the projects include taking apart a real engine, building a model rocket, competing in a mini tractor pull, building a real working hovercraft, and creating a solar-powered vehicle.

Small Engine Repair (Prerequisite – Transportation Tech) – One Semester - .5 Credit

This class will go into depth on repairing small engines. In groups of two, the students will dissect a new lawnmower engine to learn what all of the components are and how it works. They will then have the option of bringing in an old engine from home or rebuilding an engine for someone else. (Engines must be one cylinder and no more than 8 horsepower.) Students will be responsible for paying for any extra parts and oil for their engine. *(Limit 16 students)*

Construction (Prerequisite: – Intro to Woodworking, 11 or 12 grade, & instructor's permission) – One Semester - 1 Credit

It is a privilege to be selected for this two-period class. Students will become an employee of the Blackhawk Construction Company where they will learn basic framing, electrical, plumbing, concrete and finish work. Students will have high expectations, just like a real job. Students will receive their own safety glasses, tool belt, hammer, measuring tape and utility knife as a payment for their work. This class may require students to leave school if the jobsite is off school grounds. *(Limit 14 students)*

Intro to Engineering and Manufacturing – (Prerequisite – Intro to Woodworking) – One Semester - .5 credit

- Drafting will also be a prerequisite in the following year

This class will teach students basic knowledge in the fields of engineering and manufacturing. Students will be faced with many real-world situations and complex problems that must be researched and designed to solve. The students will then set up the shop as a true manufacturing lab where products can be mass produced and sold for a real profit. Major emphasis will be on designing the tools and jigs needed to safely and quickly manufacture extremely accurate parts. *(Limit 14 students)*

INDEPENDENT STUDY GUIDELINES

Independent Study courses are available through cooperating faculty members. Please read the guidelines below carefully.

All students enrolled in IS courses must have approval from the instructor and principal. A "B" average must be maintained in each IS course taken or the student will not be allowed to enroll in other IS courses in that discipline for the remainder of the year. Also, any student who abuses the privileges extended in IS courses will not be allowed to continue in other IS courses in that discipline.

The School District shall not discriminate in course offerings or scheduling on the basis of sex, race, religion, national origin, ancestry, creed, pregnancy, marital or parental status, sexual orientation or physical, mental, emotional or learning disability. Discrimination complaints shall be processed in accordance with established procedures.

LEGAL REF.: Sections 118.13 Wisconsin Statutes
 120.10(16)
 120.13(6) & (10)
 PI 9.03(1) of the Wisconsin Administrative Code

CROSS REF.: *Discrimination Complaint Procedures*

ADDITIONAL INFORMATION

Individualized courses will be made available to students with approval of the principal when an IEP warrants such accommodation.

Nova Net or other computer-based courses are made available to students for credit or audit on a case-by-case consideration basis under certain circumstances, such as special needs or credit deficiency. Requests for consideration are to be made in the guidance office with the principal granting approval or disapproval.

Advanced Placement Information

What is the Advanced Placement Program?

The Advanced Placement program allows students to take college level AP courses and/or AP exams that may give them college credit, placement or both while they are still in high school.

What courses are available?

There are 32 courses in 19 different subject areas offered world wide. They cover almost all curriculum areas. We currently offer AP Biology and AP English at John Edwards High School.

How may I take the Advanced Placement courses?

Check with the guidance office to see if other AP courses are available through distance learning or the internet. Apex Learning ([www. APEXlearning.com](http://www.APEXlearning.com)) is a company that provides online internet AP courses.

How do I get college credit?

You must take an Advanced Placement exam in your subject area. Advanced Placement exams are administered in May. Exam scores range from 5 – 1 you must score a 3, 4, or 5 on the exam to be eligible for college credit or placement. The fee for each exam is \$82. You may take the AP exam to qualify for college credit without having taken an AP course.

Who pays for the Advance Placement exam?

Wisconsin Statutes 120.12(22) requires your school district to pay the fee for taking Advanced Placement exams for students who qualify for free or reduced priced lunches. Other students not qualifying for free or reduced lunches must pay their own exam fees.

Where may I find more information about the advanced placement program?

Contact your guidance counselor, high school teachers or principal. The College Board, the developer of the AP program publishes brochures and course guides that are available to students. They can be contacted online at www.collegeboard.org. The College Board has an online store where you can order their publications. It is <http://cbweb2.collegeboard.org/shopping/>.

The Wisconsin Department of Public Instruction WAPIP Grant

The grant assists school districts in providing certain Advanced Placement services such as teacher training, online student and teacher activities and vertical team curriculum development. All principals and school counselors have received information about this grant.