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ENGLISH

Business English/Tech Writing:

In Business English, students will study different genres of literature within the realm of four major units. These units are designed so that students can transition into the English I class. The class focuses on reading, language conventions, and writing. Students will be expected to think and engage in formal discussion about the literature they are reading. Students will also write formal essays in which they cite from the texts. All course material is aligned with the Louisiana State GuideBook 2.0 which can be accessed through www.louisianabelieves.com.

Business English/Tech Writing Course Outline:

Unit I: Remediation

Unit II: "Conservation as a National Duty" by Theodore Roosevelt (GuideBook 2.0 Unit in LearnZillion)

Unit III: Sugar Changed the World: A Story of Magic, Spice, Slavery, Freedom, and Science by Marc Aronson and Maria Budhos (GuideBook 2.0 Unit in LearnZillion)

Unit IV: Alice's Adventures in Wonderland by Lewis Carroll or The Hitchhiker's Guide to the Galaxy by Douglas Adams

English I

This course is a study of various forms of literature and fundamentals of composition. Reading comprehension and analytic skills are expanded through the study of the short story, the novel, nonfiction prose, poetry, and drama. One Shakespearean play and some modern works are included. Writing skills move from strengthening the paragraph essay. A minimum of ten writings is required. Improvement in vocabulary is stressed. Independent readings each nine weeks are also included.

Required state testing: LEAP 2025

English I Advanced

Students taking this course will complete the English I requirements at an increased pace in conjunction with honing skills of annotation and literary analysis, while also focusing on vocabulary and mythological allusions in preparation for the English II advanced course which will prepare them for Advanced Placement English courses. The literature assigned will cover a wide range of world literature with both anchor and supplemental texts designed to expose the students to all genres of literature (and teach them how to analyze each).

Required state testing: LEAP 2025

English II

This course consists of studying various forms of literature, grammar, composition, vocabulary, and spelling. The skills of analysis and critical reading are developed through the study of short story, the novel, poetry, drama, and nonfiction prose. To improve composition skills, the course includes continual work on sentence structure, spelling, usage, vocabulary, paragraph development, and essay organization. The major emphasis in composition is on techniques and organizational patterns of exposition and persuasion. Course credit requires the completion of ten compositions as well as independent reading.

Required state testing: LEAP 2025

English II Advanced

Students taking this course will complete the English II requirements at an increased pace in conjunction with honing skills of critical reading and composition, specifically persuasion and literary analysis, in preparation for English III Advanced Placement Language and Composition. Assessments will include interactive technology – both in- and out-of-class – and traditional in-class testing. The literature assigned will cover a wide range of world literature with focus on nonfiction, specifically rhetoric and analysis.

Required state testing: LEAP 2025

English III

This course studies the complex text of American Literature. English III encompasses literature, composition, grammar, vocabulary, oral communication, ACT practice, and End of Course testing strategies. Emphasis is placed on literature and composition. This course covers the literature of the United States, from the colonial days to the modern age. Students will be required to write compositions with focus on argumentative/persuasive and rhetorical devices, and a research paper as well as other required writing assignments. Outside reading will be required for the course.

Required state testing: ACT

English III Advanced Placement Language and Composition

This course is equivalent to a freshman level college composition class. Most of the reading material is nonfiction and essays. Important American literary works are also studied. Course instruction focuses on writing essays: compare/contrast, definition, analysis, synthesis, etc. Students learn to read analytically and to analyze author's use of rhetorical devices. Course work prepares students to take the AP test given in May. Students taking this course are required to take the AP test. The test fee is the responsibility of the student. Passing the test provides students with college credit. Success in Advanced English I and II is highly recommended, though not required, before registering for this class. A score of 2 is required to request another AP social studies class.

English IV

This course emphasizes literature and composition. The literature program covers the development of the English language from the literature of Anglo-Saxon England to modern literature of England. Special emphasis is placed on thematic units and literary analysis. Outside reading of novels is required for this course. Multiple research papers based on literary themes and rhetorical modes are required. In addition, a comprehensive ACT English preparation unit is included.

English IV Advanced Placement Literature and Composition

This course is equivalent to a freshman level college composition class. Reading material covers classics and contemporary literary works in both fiction and poetry. Writing focuses on analysis and the literary essay. Course work prepares students to take the AP test given in May. Students taking this course are required to take the AP test. The test fee is the responsibility of the student. Passing the test provides students with college credit. Success in Advanced English I and II is highly recommended, though not required, before registering for this class.

Gifted English I, II, III, IV

Students are selected for these courses based on English grades and their classification in gifted program. These classes have more extensive reading and writing than the regular English classes.

Prerequisite: Counselor & Teacher Approval.

MATH

Algebra I

Students taking this course should be average and above in their math skills. Topics studied are variables, operations and properties of real numbers, solving and graphing first-degree linear equations and inequalities, operations with polynomials, and solving simple quadratic equations.

Required state testing: EOC

Prerequisite: students scoring Basic on LEAP; teacher recommendation

Algebra I Advanced

All areas of the regular Algebra I course are included, but the assignments are more complex than in regular course. More time is spent on problem solving with more complex problems. This course provides challenge and enrichment for strong math students.

Required state testing: EOC

Prerequisite: students scoring Proficient or Mastery on LEAP or teacher recommendation

Geometry

This course utilizes deductive reasoning to understand the mathematical structure and to prove theorems. Concepts of parallelism, perpendicularity, congruency, and similarity are applied in the solution of problems. Students study the properties of the angle, triangle, circle, polygons, and other plane figures. Various methods are used to investigate geometric principles.

Required state testing: EOC

Prerequisite: Algebra I

Geometry Advanced

All areas of the regular geometry course are included, but the assignments are more complex than in the regular course. Problem-solving, critical thinking skills and enrichment provide students with a greater challenge.

Students must be prepared to be rigorous in their schoolwork.

Required state testing: EOC

Prerequisite: Honors Algebra I, Regular Algebra I with teacher recommendation

Algebra II

This course sharpens the understanding of concepts taught in Algebra I and extends the use of functions as models for real-world situations. Topics studied include quadratic, logarithmic, higher-order polynomial functions, conics, sequences, probability and matrices.

Prerequisite: Algebra I and Geometry

Algebra II Advanced

All areas of the regular Algebra II course are included, but the assignments are more complex than in the regular course. More time is spent on problem solving, with more complex problems. Several advanced mathematics, trigonometry, and analytical geometry topics are included. This course provides challenge and enrichment for strong math students. A scientific calculator or graphing calculator is needed.

Prerequisites: Honors Algebra I or Algebra I with teacher recommendation.

Sophomore co-requisite: Geometry

Algebra III

Students will solidify topics learned in Algebra II, while focusing on work with many types of functions such as polynomial, rational, radical, exponential, and logarithmic. Modeling real-life problems and fitting data to those models will be an integral component of this course. This course will give students the work needed in preparation for College Algebra.

Prerequisite: Algebra I, Geometry and Algebra II

Business Math :

Comprehensive coverage of personal and business related math topics. Basic math skills are essential for survival in today's business world. Learning day-to-day application of math concepts is necessary to become an educated adult and be successful in the work place.

Financial Mathematics (Literacy)

This course will serve as a foundation for students to learn to make mathematically sound decisions in their roles as consumers and/or entrepreneurs. Course topics include insurance, personal banking, financial planning, and analysis of financial management tools.

Prerequisite: Algebra I and part of student's diploma plan.

Mathematics Essentials

This course will include the following: ratio and proportion, probability, statistics, topics of geometry, exploring linear functions, step, piecewise, absolute value functions, quadratic functions, and other math topics.

Prerequisite: part of student's diploma plan.

Advanced Math Pre-Calculus Regular

This course is designed to prepare students for their first mathematics course in college. It includes the following topics: functions, real number properties, trigonometry and trigonometric functions, limits, sequences, logs, and matrix algebra. Graphing calculator is required. This is a college preparatory course.

Prerequisites: Algebra II

Advanced Math Pre-Calculus Honors

This course is a traditional advanced math trigonometry course. Topics include the ordered real number field, relations, functions, graphs, vectors, exponential and logarithmic functions, complex numbers, mathematical induction, sequence and series, probability and odds, analytical geometry, and the six fundamental trig functions. A minimum of scientific calculator is required. This is a college preparatory course.

Prerequisite: Algebra II

Gifted Advanced Math Pre-Calculus

This course serves as a foundation course for entry into Calculus at Sam Houston High or potential foundation for testing into college calculus. Topics covered: linear relations & functions, matrices, theory of equations, nature of graphs, trigonometric functions, graphs & inverses of trigonometric functions, polar coordinates and complex numbers, conics, sequences and series, and exponential and logarithmic functions. Vectors covered as time permits.

Calculus

Topics covered will be functions, limits, continuity, derivatives with applications, and integration with applications. This is a college preparatory course. A graphing calculator is required. Students must be prepared for a rigorous curriculum.

Prerequisite: Advanced Math II or Gifted Advanced Math II

Calculus Gifted AP

This course follows the course description set by the advanced placement program of the College Board. This is a college preparatory course. A graphing calculator is required. Students must be prepared for a rigorous curriculum. Students taking this course are required to take the AP test given in May. The test fee is the responsibility of the student.

Prerequisite: Advanced Math II or Gifted Advanced Math II.

Statistics AP

The purpose of the AP course in statistics is to introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students who successfully complete the course and exam may receive credit, advanced placement or both for a one-semester introductory college statistics course. Students taking this course are required to take the AP test given in May. The test fee is the responsibility of the student. A graphing calculator is required for the course. Student must purchase Math Excel for school access for this course.

Prerequisite: Algebra II

Gifted Algebra I and II, Geometry

Students are selected for these courses based on math grades and their classification in gifted program.

Prerequisite: Counselor & Teacher Approval

DUAL ENROLLMENT MATH COURSES

Student receives credit both in high school and the state supported universities. The price for these courses is determined by McNeese State University after the scholarship is deducted from tuition cost. All students are on a significant scholarship. There is also a computer access fee paid to the book company. CPSB pays for the textbook. A graphing calculator is required for these courses.

College Algebra (Math 113)

Fundamental algebraic operations, linear and quadratic equations and inequalities with applications, radical and rational equations, functions graphing, zeroes of polynomials, systems of equations and inequalities.

Prerequisite: must have scored a composite of 18 and at least 19 on the math portion of ACT

Advanced Math Functions and Statistics (Math 170)

Topics from advanced algebra to include real number properties, solutions of equations and inequalities, relations, functions graphs, polynomial and rational functions, exponential and logarithmic functions, complex numbers, systems of equations, and the theory of equations.

Prerequisite: Math 113 or at least 22 on ACT in math

Trigonometry (Math 175)

Topics include: Trigonometric functions, Analytic trigonometry, Applications of trigonometric functions, Polar coordinates, vectors, and analytic geometry

Prob. And Stats (MATH 231)

Calculation of simple probability in discrete and continuous variable cases. Descriptive statistics, measures of central tendency, binomial and normal distributions. Testing hypotheses using normal deviate and t-statistics. This course has been identified as a general education course and a Writing-Enriched Course. 20% of the course grade will be based on demonstration of writing competency.

SCIENCE

Physical Science

Physical Science is the foundation course for Chemistry and Physics. The first semester is an introduction to Chemistry which includes the topics of the periodic table, chemical bonds, chemical reactions, and matter. The second semester is an introduction to Physics which includes the topics of motion, work, energy, electricity, waves, and light. These topics will be learned through observation, experimentation, and problem solving.

Physical Science Advanced

Physical Science is the foundation course for Chemistry and Physics. The first semester is an introduction to Chemistry which includes the topics of the periodic table, chemical bonds, chemical reactions, and matter. The second semester is an introduction to Physics which includes the topics of motion, work, energy, electricity, waves, and light. These topics will be learned through observation, experimentation, and problem solving. Students in this course will complete Physical Science requirements at a quicker pace. Students will complete more essay and research assignments, and more labs.

Biology

The life processes common to all organisms from bacteria to humans are the focus of the course. These processes include growth, heredity, energy use, adaptation, and homeostasis. A variety of class and lab experiences encourage observation, analysis, and interpretation skills. Students may be required to complete class projects applying these skills in addition to the regular lab work.

Required state test: EOC

Biology II

This course is an expansion of the biological principles and concepts presented in Biology I. It is intended to prepare students for College Biology 101, and strengthen students' background for a career in medicine or the biological sciences.

Prerequisite: Biology I and Chemistry (or Bio I Teacher Recommendation)

Biology II AP

AP Biology is an introductory college-level biology course. Students cultivate their understanding of biology through inquiry-based investigations as they explore the following topics: evolution, cellular processes — energy and communication, genetics, information transfer, ecology, and interactions. Students taking this course are required to take the AP test. The test fee is the responsibility of the student.

Environmental Science

This course is a study of the biological, chemical, and physical aspects of the environment. Emphasis placed on environmental problems and remedies as well as on consumer education in the field.

Chemistry

This course is a study of the various phases of matter, their characteristics, and their atomic and molecular structure.

Prerequisite: Completed or taking Algebra II

Physics

This course stresses the importance of math in physics. Emphasis is on vectors, work, energy, and physical states of matter, heat, and electricity. This is designed for a student who will pursue a degree in a scientific field.

Co-requisite: Enrolled in Advanced Math, Gifted, Pre-Calculus or Calculus

SOCIAL STUDIES

Civics

This course is a study of the American political heritage and the American political process as well as the structure of national, state, and local governments. Students will engage in projects understanding how real life situations have affected government. In addition, students will analyze the steps taken to build the foundation of our government today, “The Constitution.” Students will analyze the characteristics of the American economic system. Included in the study of economics is business organizations stimulated by profit motivation and competition, supply and demand, scarcity, and international trade.

European History AP

The AP European History course focuses on cultural, economic, political, and social developments. These focus areas provide context for understanding the development of contemporary institutions, the role of continuity and change in present-day society and politics, and the evolution of current forms of artistic expression and intellectual discourse. Students taking this course are required to take the AP test. The test fee is the responsibility of the student. A score of 2 is required to request another AP social studies class.

Human Geography AP

This course introduces students to the systematic study patterns and processes that have shaped human understanding, use and alteration of Earth’s surface. Students employ spatial concepts, and landscape analysis to examine human social organization and its environmental consequences. Students taking this course are required to take the AP test. The test fee is the responsibility of the student. A score of 2 is required to request another AP social studies class.

U. S. Government AP

AP United States Government introduces students to key political ideas, institutions, policies, interactions, roles, and behaviors that characterize the political culture of the United States. The course examines politically significant concepts and themes, through which students learn to apply disciplinary reasoning, assess causes and consequences of political events, and interpret data to develop evidence-based arguments. Students taking this

course are required to take the AP test. The test fee is the responsibility of the student. A score of 2 is required to request another AP social studies class.

U. S. History

This course will be taught in a chronological sequence. Students will begin the year with a brief review of American history up to Reconstruction. Topics to be covered in this course over the full year include: Growth in the West, Industrialization and Immigration, The Progressive Era, Imperialism, World War I, the Roaring Twenties, the Great Depression, and the New Deal, the Rise of Dictators and World War II, the Cold War Era, the Civil Rights Era, the Vietnam War Years, and America in a Changing World, including current events as they relate to today. Reading comprehension, analytical skills, use of primary sources, and map reading are stressed, as well as key concepts and oral discussion. Writing skills are developed through short themes and constructed response questions to be included in district Common Assessments, as well as teacher- created assessments. Required state test: EOC

U. S. History AP

This course is a college-level survey course. It is designed to provide students with analytical skills and factual knowledge necessary to deal critically with issues and events in American history and with intermediate and advanced college courses. Advanced placement courses are taught and graded at the college level and require a high level of student commitment. Students can earn up to six (6) hours of college credit through testing. Student responsibility is greater than in traditional honors courses. The Calcasieu Parish School System will grant an additional grade point in the GPA computation for AP courses. Students taking this course are required to take the AP test. The test fee is the responsibility of the student. A score of 2 is required to request another AP social studies class.

Required state test EOC

World Geography

The emphasis of geography focuses on the interaction between peoples and places. Students will acquire map and globe skills and become familiar with physical geography, changing landscape, natural resources, climate, culture and human geography. Using technology, students will create projects analyzing how young people live throughout the world. Students will also acquire skills connecting other educational disciplines.

World History

This course is a study of social, economic, and political activities that have occurred throughout the world.

FOREIGN LANGUAGE

French I

This course is the first in a two-course sequence at the high school beginner level of French. The course consists of the study of the fundamentals of the language, using French as the language of instruction. Emphasis is on oral communication with grammar and vocabulary taught in context and francophone culture presented using interactive activities, discussion, and readings.

French II

This course is the second in a two-course sequence at the high school beginner level of French. The course continues the study of the fundamentals of the language, using French as the language of instruction. Emphasis is on oral communication with grammar and vocabulary taught in context. The culture of francophone countries will be presented using interactive activities, discussion, multimedia, and readings

Prerequisite: French I

French Immersion III, IV

In this course some French literature will be studied, but primarily the course concentrates on improving French speaking and listening skills to become bilingual.

Prerequisite: French II

Spanish I

This course is an introduction to the Spanish language and Hispanic culture. This is the first in a two-course sequence at the high school beginner level. Emphasis is placed on speaking, and understanding the written language by incorporating introductory vocabulary and grammar.

Spanish II

This is the second in a two-course sequence at the high school beginner level. In this college-prep class, emphasis is placed on intermediate grammatical and oral skill along with expansion of vocabulary in order to achieve beginner/intermediate speaking and listening skills.

Prerequisite: Spanish I

AGRISCIENCE

Agriscience I

This course provides students with basic knowledge of agriculture and the science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics, food science technology, and agricultural leadership. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, and internships. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies.

Agriscience II

This course provides students with basic knowledge of agriculture and science applications in agriculture. This course includes units in animal science, soil science, plant science, agricultural mechanics, and agricultural leadership. Work-based learning strategies appropriate for this course are school-based enterprises, field trips, and internships. Supervised agricultural experience programs and the FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Completion of Ag II counts as a science credit for Tops and Tops Tech.

Prerequisite: Ag I

Agriscience III

Agriscience III includes advanced woodworking and welding projects, small engine, troubleshooting, personal and leadership development, business management skills, and career development events. Students should take this course as a junior or senior.

Prerequisite: Agriscience II

Agriscience IV

This course provides students with the basic skills needed in the construction of building commonly used in agricultural occupations. Emphasis is placed on skill development in blueprint reading, carpentry, plumbing, masonry work, electrical wiring, oxy-fuel use, and welding. Mathematical and communication skills are reinforced in this course. Work-based learning strategies appropriate for this course are team projects, school based projects, home-based projects, internship, job shadowing, and cooperative education. Supervised Agricultural Experience (SAE) programs and the FFA leadership activities are integral components of the course provide many opportunities for practical application of instructional competencies. Local options may include but are not limited to Agricultural construction industries that are prevalent in the area.

Prerequisite: Agriscience III

Agriscience Leadership:

This course will prepare individuals for agricultural careers, build awareness and develop leadership for the food, fiber, and natural resources systems. The emphasis is on human relations, decision-making, promoting healthy lifestyles, maintaining a positive attitude, cooperative small and large group activities, and proper utilization of human resources. English speaking skills, higher order thinking, and basic communication skills will be reinforced in this course. . Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Prerequisite: Agriscience II

Horticulture

Horticulture is designed to provide students with an overview of the horticulture industry. Topics of study include an orientation to the horticulture industry in Louisiana, types of growing media, basic plant science, plant propagation, and plant production. Scientific, mathematical, economic, and technical principles are reinforced in this course, as are communication and critical thinking skills. Work-based learning strategies appropriate for this course are field trips and activities in the school greenhouse or lab facility. Supervised agricultural experience programs and FFA leadership activities are integral components of the course and provide many opportunities for practical application of instructional competencies. Curriculum used is the same used by the state of Louisiana for all Horticultural related licensing tests (Landscape Contractor, Horticultural Services, etc.). Prerequisite: Ag I or Biology (limited to 20 students).

BUSINESS EDUCATION

Accounting I

This class introduces students to basic accounting theory and procedures along with the current applications of computer technology in accounting, while emphasizing mastery of basic accounting concepts and procedures. Mathematical critical-thinking, problem-solving, decision-making, technology and team-building skills are reinforced in this course. Accounting provides students with entry-level skills for the accounting profession and/or preparation for further study in accounting.

Accounting II

Students have an opportunity to obtain the QuickBooks Certified User industry-based credential in Accounting II as skills learned in Accounting I are reinforced. Advanced instruction is given in journalizing, posting, preparation of payroll, taxes and business forecasting. Emphasis is placed on the incorporation of an advanced, automated accounting software system and computer-based simulations. Mathematical, critical-thinking, problem-solving, decision-making, technology, and team-building skills are reinforced in this course. Prerequisites: IBCA and Accounting I; BCA recommended but can also be taken in conjunction with Accounting II

Administrative Support Occupations (ASO)

ASO prepares students as support staff in a business sector. Emphasis is placed on the integration of business and communication concepts and skills necessary to prepare students for the workforce. Oral and written communications, time management, decision-making, interpersonal, critical-thinking, problem-solving, and technology skills are reinforced through business application projects. Prerequisite: IBCA and BCA

Business Computer Applications (BCA)

BCA acquaints students with basic principles associated with information processing. Students have hands-on experience with computers in a networked lab running word processing, database, spreadsheet, and graphics software. Students have an opportunity to obtain Microsoft Office Specialist (MOS) Word, Excel, Access, and PowerPoint Core certifications verifying software abilities to the potential employer. Prerequisite: IBCA

Introduction to Business Computer Applications (IBCA)

IBCA develops basic keyboarding skills on the computer. Students are taught how to key personal documents, letters, manuscripts, reports, and term papers, as well as basic operations of the computer. Microsoft Office and the most up-to-date keyboarding software are utilized in this class.

THIS CLASS IS THE PREREQUISITE TO MOST COMPUTER CLASSES OFFERED IN THE BUSINESS DEPARTMENT.

Principles of Business

This course provides knowledge about the American business system with units in careers, insurance, entrepreneurship, managing money, banking services, use of credit, saving and investing money. Special emphasis is given to leadership development, training for the Customer Service certification.

Prerequisite: Due to age requirement for the Customer Service certification, students must be a sophomore, junior, or senior.

Word Processing

This class provides students a detailed study in the operation of Microsoft WORD. Students have an opportunity to obtain Microsoft Office Specialist (MOS) WORD Core and Expert certifications verifying software abilities to the potential employer.

Prerequisite: IBCA and BCA

MUSIC

Band

Band is a performance oriented, co-curricular course consisting of marching, held the first semester, and concert band held the second semester. The band performs at football games, marching festivals, parades, concert festivals and concerts. There is a band fee collected from all band students at the beginning of the year. Students are graded based on participation, attendance and musical performance.

Color guard/Winter guard

Color guard is a specialty performing unit of the Band Program. Membership is determined by audition held in the late April/early May. A GPA of 2.0 is required for auditions. Color guard is a two semester ensemble.

Prerequisite: Audition, Band membership (Freshman & Sophomore years) (elective Jr. and Sr., years)

Applied Music

This course involves the building of individual technique through various small ensemble mediums. Mediums will include solos, duets, trios, and chamber ensembles. This course is open to students who are enrolled in a band class.

Prerequisite: Permission of Band Director.

Marching Band

Marching band is a performance oriented, co-curricular course held the first semester. The marching band performs at football games, marching festivals, and parades. There is a band fee collected from all band students at the beginning of the year. Students are graded based on participation, attendance and musical performance.

This course counts as a half credit course of P. E.

ART

Course content of the visual art classes at SHHS includes study in four fundamental areas, as determined by the Louisiana State Content Standards for the Arts. The four areas include creative expression, aesthetic perception, historical and cultural perception, and critical analysis. A \$25.00 supply fee is required for all art classes.

Art I

This is an introductory level course which includes basic drawing and painting. Students will learn the Elements and Principles of Design.

Art II

This course continues a study in the basic visual art areas, but with more advanced techniques and media.
Prerequisite: Art I

Art III

This course is an advanced level course, in which students refine their skills and build their knowledge base.
Prerequisites: Art I and Art II

Art IV

This course is a choice-based curriculum. Emphasis is placed on competition entries and special projects.
Prerequisites: Open only to those who have completed Arts I thru III

Fine Arts Survey

Fine Arts Survey is a survey of all the fine arts including music, art, dance, theatre, stage and other forms of fine arts. Requirement: \$20 lab fee

PHYSICAL EDUCATION

Physical, mental, and social skills are an integral part of the PE program. Students are introduced to team and life time activities, as well as topics concerning Substance Abuse, AIDS, CPR, and Suicide.

STUDY SKILLS

This course offers remediation in reading, spelling, math, written language, and study skills based on individual needs as I.E.P. conferences. Students might also receive tutoring in academic subjects. The study skills teacher maintains close contact with the regular education teachers in order to keep up with assignments and offer suggestions for modifications or accommodations for the resource student. These modifications, which are determined at the I.E.P. conference, include, but are not limited to, such things as oral testing, use of calculator, extended time on tests or assignments, and preferential seating. Please contact the counselor to determine if your child is eligible.

FAMILY & CONSUMER SCIENCE

All students enrolled in these courses can become a member of the Family, Career, and Community Leaders of America (FCCLA) club. These courses provide leadership activities and the opportunity to apply instructional competencies and workplace readiness skills to authentic experiences. Within FCCLA there's an opportunity for students to join our Hospitality Team (our school's in-house catering service).

Family and Consumer Science I

Through a variety of hands-on activities, students will develop skills and knowledge that relate to sewing, housing, childcare, self-esteem, resumes and career explorations, family relationships, nutrition, and food preparation. Sewing and Food Labs are included in this course. No prerequisite. (FACS I: 1 credit: 9th – 12th grades)

Family and Consumer Science II

Students will study time and resource management, career planning, developing human relationships, problem-solving skills, customer service, financial literacy, parenting responsibilities, developmental tasks and needs of children from birth through adolescence, problems of child abuse and neglect, and the importance of rearing responsible children. Real Carrier baby simulation is included in this course. Prerequisite is FACS I (FACS II: 1 credit)

Nutrition and Food

This course is a study of basic principles of nutrition, meal planning, preparation of simple meals, optimal use of the food dollar, proper measurements of ingredients, converting formula yields, and job opportunities in food-related occupations. Food labs are included in this class. Prerequisite is FACS I for freshmen and sophomores. No prerequisite for junior and seniors (Nutrition and Food: 1/2 credit)

Advanced Nutrition and Food

This course addresses more complex concepts in nutrition and food preparation, with emphasis on social, psychological, and cultural influences on food choices globally. Topics include nutrition and wellness for individuals and families across the life span; impact of technology on nutrition, foods, and related tools and equipment; management of food-related resources; acquiring, organizing, and evaluating information about foods and nutrition; and exploration of careers in all aspects of the food industry. Food labs are included in this course. This course also offers Dual Enrollment at SOWELA and offers ServSafe Certification. Prerequisite is Nutrition and Food (Advanced Nutrition and Food: 1/2 credit)

Baking Arts I

Students learn baking and pastry techniques with an emphasis on sanitation and food safety; basic baking fundamentals, tools used in baking industry; proper measurements of ingredients; and converting formula yields. Students will explore the difference between quick breads and yeast-leavened dough. The students will demonstrate skills in preparing various types of pies, tarts, cookies, and cakes as well as pastries, creams, custards, icings, frostings, glazes, and chocolate. The students will demonstrate skills in preparing specialty cakes, assembling tiered cakes and sugar decoration. Students will also be provided with an opportunity to evaluate career options offered in the baking industry. Baking labs are included in this course. Prerequisite: Advanced Nutrition and Foods. (Baking Arts: 1 credit)

MISCELLANEOUS ELECTIVES

Engineering Design I: Intro to STEM Careers

Engineering Design I is a course that is appropriate for students who are interested in design and engineering. The major focus of the course is to expose students to design process, research and analysis, teamwork, communication methods, global and human impacts, engineering standards, and technical documentation. The course gives students the opportunity to develop skills and understanding of STEM careers through activity, project, and problem-based learning.

Students will develop problem-solving skills and apply their knowledge of research and design to create solutions to various challenges that increase in difficulty throughout the course. It also allows students to develop strategies to enable and direct their own learning, which is the ultimate goal of education.

Journey to Careers

This course is designed to assist students with exploring careers and developing skills necessary to make meaningful decisions about their career choice. This course will assist the student in assessing their personal strengths and weaknesses as they relate to career decisions.

Psychology

This course is a study of behavior. The course covers basic principles of psychology enriched by student activities.

Publications I, II (Yearbook)

Students compile a history of the school year through the use of photography, writing, sales, and design.

Publications I is not open to seniors.

Prerequisite: Application & Teacher selection.

Speech I

Students will receive an overview of many levels of communication. Basic communication skills, public speaking, debate, interpretive reading, and drama are covered and practiced