



Academic Electives

Agricultural Communications II

Grade Level: 10, 11, 12

Graduation Area: Practical Arts

Prerequisites: *Successful completion of Agriscience Foundations.*

Course Description: This program offers a sequence of courses that provides coherent and rigorous content aligned with challenging academic standards and relevant technical knowledge and skills needed to prepare for further education and careers in the Agriculture, Food and Natural Resources career cluster; provides technical skill proficiency, and includes competency-based applied learning that contributes to the academic knowledge, higher-order reasoning and problem-solving skills, work attitudes, general employability skills, technical skills, and occupation-specific skills, and knowledge of all aspects of the agriculture communications sector of the Agriculture, Food and Natural Resources career cluster. The content includes but is not limited to instruction in instruction in animal and plant production and processing; agriculture marketing and communications; employability skills; mathematics; basic science; biological sciences; and human-relations skills.

Course Number: 8117010

Credit: 1.0

Course Length: Year

Agricultural Communications III

Grade Level: 10, 11, 12

Graduation Area: Practical Arts

Prerequisites: *Successful completion of Agricultural Communications II.*

Course Description: This course is designed to develop competencies in the communications sector of the agricultural industry including instruction in developing and editing materials for printed media and media broadcast, utilizing photography and graphics, the importance of the internet in communications, writing technical papers and media scripts, ethical and professional issues in the industry, and advertising and marketing. Standards included in this course of instruction have been aligned to the academic courses shown below. This table shows the number of aligned benchmarks, the total number of academic benchmarks, and the percentage of alignment.

Course Number: 8117020

Credit: 1.0

Course Length: Year

Court Procedures

Grade Level: 10, 11, 12

Graduation Area: Elective

Prerequisites: *None*

Course Description: The primary content for the course pertains to the study of the structure, processes and procedures of the judicial systems of the United States and Florida. Content should include, but not be limited to, the structure, processes and procedures of county, circuit and federal courts, civil and criminal procedures, juvenile law, the rights of the accused, evolution of court procedures, comparative legal systems, and career choices in the judicial system.

Course Number: 2106390

Credit: 0.5

Course Length: Semester

Creative Writing I

Grade Level: 9, 10, 11, 12

Graduation Area: Elective

Prerequisites: None

Course Description: This course develops writing and language skills needed for individual expression in literary forms. These should include original poetry, short stories, plays, and novels, as well as essays and other non-fiction.

Course Number: 1009320

Credit: 0.5

Course Length: Semester

Creative Writing II

Grade Level: 9, 10, 11, 12

Graduation Area: Elective

Prerequisites: Successful completion of Creative Writing I.

Course Description: This course extends the development of those writing and language skills needed for individual expression in literary forms, as introduced in Creative Writing I. This course will include technical aspects of publishing students' work in literary publications.

Course Number: 1009330

Credit: 0.5

Course Length: Semester

Debate I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: None

Course Description: This course offers students instruction in the fundamentals of argumentation and problem solving. Students learn logical thinking, organization of facts, and speaking skills. Opportunities to practice research skills related to debate topics and to participate in frequent debate situations are included.

Course Number: 1007330

Credit: 1.0

Course Length: Year

Debate II

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Debate I.

Course Description: The purpose of this course is to enable students to develop basic skills and techniques for use in debate and forensic activities. The content should include, but not be limited to, the following: communication skills, logic and critical-thinking skills, techniques of public speaking, research skills, parliamentary procedure, argumentation and debate skills, analysis of debates, and timing and judging techniques.

Course Number: 1007340

Credit: 1.0

Course Length: Year

Advanced Placement (AP) Human Geography **Course Number:** 2103400

Grade Level: 9, 10, 11, 12

Graduation Area: Elective

Prerequisites: Students should be able to read college-level texts and apply the conventions of Standard Written English in their writing. **AP Expectations form is required.**

Course Description: The purpose of this course is to enable students to develop higher levels of concepts and skills related to Human Geography. Content includes regions, population studies, cultural concepts and spatial representations, political geography, land use, urbanization, issues related to space, place and scale and economic geography.

Credit: 1.0

Course Length: Year

Intensive Reading

Grade Level: 9, 10, 11, 12

Graduation Area: Elective

Prerequisites: *Student placement is based on FSA Reading scores.*

Course Description: The purpose of this course is to provide instruction that enables students to accelerate the development of reading/writing skills and to strengthen those skills so that they are able to successfully read and write grade-level text independently.

Course Number: 1000410

Credit: 1.0

Course Length: Year

Law Studies

Grade Level: 10, 11, 12

Graduation Area: Elective

Prerequisites: *None*

Course Description: This course provides students the opportunity to acquire an understanding of the American legal process. Specific content will include an understanding of the study of the history of law, constitutional guarantees of citizens, different kinds of laws, comparison of adult and juvenile justice systems, the value of law in society, the role of law enforcement officials, the evolution of interpretations, social values and their impact on interpretation of the law, and the supremacy of the Constitution.

Course Number: 2106350

Credit: 0.5

Course Length: Semester

Psychology I

Grade Level: 10, 11, 12

Graduation Area: Elective

Prerequisites: *None*

Course Description: This course provides students with the opportunity to acquire an understanding of human behavior, behavioral interaction, and the progressive development of individuals. Specific content will include the theories and methods of study employed by psychologists, human growth and development, self-concept development, adjustment, motivation and desire, intelligence, conditioning and learning, memory, personality and behavior, emotion and frustration, abnormal behavior, conformity, stress, mental health, and therapy.

Course Number: 2107300

Credit: 0.5

Course Length: Semester

Psychology II

Grade Level: 10, 11, 12

Graduation Area: Elective

Prerequisites: *Successful completion of Psychology I.*

Course Description: The purpose of Psychology II is to provide opportunities for students to explain their awareness of areas of psychology. The content should include, but not be limited to, statistical research, memory and thought, sensation and perception, motivation and emotion, sleep and dreams, stress and conflict, adjustment in society, and human interaction.

Course Number: 2107310

Credit: 0.5

Course Length: Semester

Advanced Placement (AP) Psychology

Grade Level: 10, 11, 12

Graduation Area: Elective

Prerequisites: *Students should be able to read a college-level textbook and write grammatically correct, complete sentences. **AP Expectations form is required.***

Course Description: Through the study of psychology, students acquire an understanding of and an appreciation for human behavior, behavioral interaction, and the progressive development of individuals. This will better prepare them to understand their own behavior and the behavior of others.

Course Number: 2107350

Credit: 1.0

Course Length: Year

Sociology**Grade Level:** 10, 11, 12**Graduation Area:** Elective**Prerequisites:** None

Course Description: Provides students with the opportunity to acquire an understanding of group interaction and its impact on individuals. Specific content will include an understanding of the methods of study employed by sociologists, social institutions and norms, social classes, group behavior, the socialization process (including the transmission of group behavior), social conflict, social roles, social participation, and the role of social organizations and institutions.

Course Number: 2108300**Credit:** 0.5**Course Length:** Semester**World Cultural Geography****Grade Level:** 9, 10, 11, 12**Graduation Area:** Elective**Prerequisites:** None

Course Description: The purpose of World Geography is to provide students the opportunity to acquire an understanding of the interrelationships between people and their environment. Appropriate concepts and skills will be developed in connection with the content that follows. Specific content to be covered will include, but not be limited to, an understanding of the relationship between physical geography, natural resources, and the economic, political, social, cultural, religious, and historic aspects of human activity as applied to a study of the following world regions: Western Europe, Eastern Europe, the Soviet Union, Anglo- America, Latin America, North Africa and the Middle East, Sub-Saharan Africa, Southern and Eastern Asia, and Oceania.

Course Number: 2103300**Credit:** 1.0**Course Length:** Year

Administrative Placement Electives

Leadership Skills Development (Pack Leader) Course Number: 2400300

Grade Level: 11, 12

Credit: 1.0

Graduation Area: Elective

Course Length: Year

Prerequisites: *Application is required.*

Course Description: The purpose of this course is to teach leadership skills, parliamentary procedure, problem solving, decision making, communication skills, group dynamics, time and stress management, public speaking, human relations, public relations, team building, and other group processes.

Leadership Techniques (Pack Leader) Course Number: 2400310

Grade Level: 11, 12

Credit: 1.0

Graduation Area: Elective

Course Length: Year

Prerequisites: *Application is required.*

Course Description: This course will provide an in-depth study of the leadership techniques of decision making, problem solving, meeting skills, communication, group conflict reduction, time and stress management, evaluation, team building, group dynamics, motivational strategy, and the role of leadership in a democratic society.

Peer I (Office or Media) Course Number: 1400300

Grade Level: 11, 12

Credit: 0.5

Graduation Area: Elective

Course Length: Semester

Prerequisites: *Application is required.*

Course Description: The purpose of this course is to enable students to develop basic knowledge and skills in communication, meeting human needs, and conflict resolution.

Peer II (Office or Media) Course Number: 1400310

Grade Level: 11, 12

Credit: 0.5

Graduation Area: Elective

Course Length: Semester

Prerequisites: *Successful completion of Peer I. Application is required.*

Course Description: The purpose of this course is to enable students to develop intermediate-level knowledge and skills in communication, personal and group dynamics, and conflict resolution.

Peer III (Office or Media) Course Number: 1400320

Grade Level: 11, 12

Credit: 0.5

Graduation Area: Elective

Course Length: Semester

Prerequisites: *Successful completion of Peer I and Peer II. Application is required.*

Course Description: The purpose of this course is to enable students to develop proficient knowledge and skills in communication, personal and group dynamics, and conflict resolution. Emphasis will be on the issues and concerns of students within the school.

Peer IV (Office or Media) Course Number: 1400330

Grade Level: 11, 12

Credit: 0.5

Graduation Area: Elective

Course Length: Semester

Prerequisites: *Successful completion of Peer I, Peer II, and Peer III. Application is required.*

Course Description: The purpose of this course is to enable students to develop advanced knowledge and skills in communication, personal and group dynamics, and conflict resolution. Emphasis will be on program development and intervention for students in the school and community.

Art

Art/2-D Comprehensive I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: None

Course Description: The purpose of this course is to enable students to communicate ideas or concepts through the use of two-dimensional design and composition.

Course Number: 0100300

Credit: 1.0

Course Length: Year

Art/2-D Comprehensive II

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Art/2-D Comprehensive I.

Course Description: The purpose of this course is to give students an extensive experience in the artistic expression of ideas through two-dimensional art media. The content includes the artistic qualities of original art, design principles, manipulative skills and organization, and the aesthetic merit and qualities of two-dimensional works of art. Also included is production and critiquing of ideas and/or images; the elements of color, value, line, space, shape/form and texture; principles of emphasis, balance, rhythm, unit, repetition, contrast and proportion; expressive ideas in painting and other two-dimensional art; and the development and refinement of skills, self-expression and knowledge in various selected media and areas of interest.

Course Number: 0100310

Credit: 1.0

Course Length: Year

Art/2-D Comprehensive III

Grade Level: 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Art/2-D Comprehensive II.

Course Description: The purpose of this course is to give students experience in the artistic expression of ideas through two-dimensional art media. The content includes perception and response to the expressive character of two-dimensional art; the production of drawings and paintings and other two-dimensional art; reconsideration of certain fixed ideas about darks and lights and positive and negative space; deliberate, precise and free approaches to subjects; development of skills of concentration, perceptual awareness, intense study, and creative imagination.

Course Number: 0100320

Credit: 1.0

Course Length: Year

Art/3-D Comprehensive I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: None

Course Description: The purpose of this course is to enable students to communicate ideas or concepts through the use of three-dimensional design and composition.

Course Number: 0100330

Credit: 1.0

Course Length: Year

Digital Art Imaging I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: None

Course Description: Students explore and develop concepts, terminology, techniques, and applications to design, create, print, and display original 2-dimensional graphic and fine works of arts. As they become more adept at using the tools and techniques available to them, students design digital still images through single or combines use of computers.

Course Number: 0108370

Credit: 1.0

Course Length: Year

Digital Art Imaging II

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: *Successful completion of Digital Art Imaging I.*

Course Number: 0108380

Credit: 1.0

Course Length: Year

Course Description: Students explore and develop concepts, terminology, techniques, and applications to design, create, print, and display original 2-dimensional graphic and fine works of arts. As they become more adept at using the tools and techniques available to them, students design digital still images through single or combines use of computers. Through the critique process, students evaluate and respond to their own designs and images and those of their peers to measure artistic growth with increasing sophistication.

Accounting Applications I Honors

Grade Level: 11, 12

Graduation Area: Career and Technical/Elective

Prerequisites: None

Course Description: This course emphasizes double-entry accounting; methods and principles of recording business transactions; the preparation of various documents used in recording income, expenses, acquisition of assets, incurrence of liabilities, and changes in equity; and the preparation of financial statements. The use of computers and appropriate software is required.

Course Number: 8203310

Credit: 1.0

Course Length: Year

Business Entrepreneurship Principles

Grade Level: 10, 11, 12

Graduation Area: Career and Technical/Elective

Prerequisites: Successful completion of *Digital Information Technology*.

Course Description: This course is designed to provide an introduction to business organization, management, and entrepreneurial principles. Topics include communication skills, various forms of business ownership and organizational structures, supervisory/management skills, leadership skills, human resources management activities, business ethics, and cultural diversity. Emphasis is placed on job readiness and career development. The use of computers is an integral part of this program.

Course Number: 8215120

Credit: 1.0

Course Length: Year

Digital Information Technology

Grade Level: 9, 10, 11, 12

Graduation Area: Fine Art

Prerequisites: None

Course Description: This course is designed to provide an introduction to information technology concepts and careers as well as the impact information technology has on the world, people, and industry and basic web design concepts. The content includes information technology career research; operating systems and software applications; electronic communications including e-mail and Internet services; basic HTML, DHTML, and XML web commands and design; and emerging technologies and web page design.

Course Number: 8207310

Credit: 1.0

Course Length: Year

Management and Human Resources

Grade Level: 11, 12

Graduation Area: Career and Technical/Elective

Prerequisites: Successful completion of *Business Entrepreneurship Principles*.

Course Description: This course explores the reach and impact of managing people, one of the most important resources of an organization. Students are required to perform higher level strategic thinking. Topics include management policy development, evaluating organizational effectiveness, sourcing and recruitment, hiring and retention planning, employee training, performance appraisals, compensation and benefit programs, maintaining working conditions and providing a safe working environment.

Course Number: 8301110

Credit: 1.0

Course Length: Year

Criminal Justice I

Grade Level: 9, 10, 11, 12

Graduation Area: Career and Technical/Elective

Prerequisites: *Application is required.*

Course Description: This course is designed to introduce the student to the history, goals, and career opportunities in the Criminal Justice Profession. It also covers ethics and professionalism, constitutional and criminal laws, court and trial process, juvenile justice system, and the correctional system. Students will also be instructed on personal, interpersonal, and communication skills, as well as demonstrate employability skills. Throughout the 4-year program, the students participate in firearm safety, and a virtual training system.

Course Number: 8918010

Credit: 1.0

Course Length: Year

Criminal Justice II

Grade Level: 10, 11, 12

Graduation Area: Career and Technical/Elective

Prerequisites: *Successful completion of Criminal Justice I. Application is required.*

Course Description: This course will introduce the student to the characteristics and procedures of patrol, complete written reports, and crime prevention programs. Students will also describe guidelines for use-of-Force, perform CPR/ first aid techniques, and procedures to protect from blood-borne pathogens. Students are also introduced to the crime scene safety, conducting criminal investigations, conducting forensic processing, and complete property control procedures. Students will conduct a traffic crash investigation and completing the proper report forms.

Course Number: 8918020

Credit: 1.0

Course Length: Year

Dance

Ballet I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: None

Course Description: The purpose of this course is to acquire knowledge and skills in basic ballet techniques. Acquisition of technique should be stressed. The content should include knowledge and application of basic barre warm-ups; center techniques; turns; across-the-floor-work; knowledge of basic terminology. ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300340

Credit: 1.0

Course Length: Year

Ballet II

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Ballet I and teacher approval.

Course Description: Students develop intermediate-level classical dance techniques and terminology associated with the traditional class structure of ballet. ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300350

Credit: 1.0

Course Length: Year

Dance Choreography/Performance I

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Teacher approval.

Course Description: The purpose of this course is to enable students to acquire knowledge of choreography and performance skills, and apply it to varied dance genres, such as ballet, modern, jazz, ethnic, and tap. ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300380

Credit: 1.0

Course Length: Year

Dance Choreography/Performance II Honors

Grade Level: 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Dance Choreography/Performance I and teacher approval.

Course Description: The purpose of this course is to provide the talented and skilled dancers with opportunity to further extend the acquisition of knowledge of techniques of choreography and performance. ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300390

Credit: 1.0

Course Length: Year

Dance Techniques I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: None

Course Description: The purpose of this course is to provide students with knowledge and skills in various dance styles through acquisition of technique, choreographic process, aesthetic awareness, and performance quality. ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300310

Credit: 1.0

Course Length: Year

Men's Dance Techniques I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: None

Course Description: The purpose of this course is to provide students with knowledge and skills in various dance styles through acquisition of technique, choreographic process, aesthetic awareness, and performance quality. A class in which special attention is given to the technical and physical requirements of dance as it pertains to the role of the male dancer. ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300310

Credit: 1.0

Course Length: Year

Dance Techniques II

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Dance Techniques I and teacher approval.

Course Description: The purpose of this course is to extend the acquisition of knowledge and the development of techniques of dance. Acquisition of technique and choreography skills is stressed. ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300320

Credit: 1.0

Course Length: Year

Dance Techniques III Honors

Grade Level: 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Dance Techniques II and teacher approval.

Course Description: The purpose of this course is to enable students to acquire knowledge of choreography and refine performing skills in various dance techniques (modern, jazz, tap, and ethnic genres.) ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300330

Credit: 1.0

Course Length: Year

Dance Techniques IV Honors

Grade Level: 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Dance Techniques III and teacher approval.

Course Description: The purpose of this course is to enable students to further develop advanced knowledge and skills in varied dance styles through acquisition and improvement of technique, choreographic process, aesthetic elements, performance quality, and expressive range. Emphasis shall be placed on staging techniques through independent work in solo and group choreography, culminating in a final performance project. ***This course may require students to participate in extra rehearsals and performances beyond the school day.**

Course Number: 0300334

Credit: 1.0

Course Length: Year

Drama-Theatre Arts

Theatre I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: None

Course Description: This course is designed for students with little or no theatre experience. Classwork focuses on theatre literature, performance, history, culture, technical requirements, and business. ***Acting in front of the class is required.**

Course Number: 0400310

Credit: 1.0

Course Length: Year

Theatre II

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Theatre I.

Course Description: The purpose of this course is to continue the development of skills from Theatre I useful to the study and practice of theatre arts. The content includes instruction in reading and interpreting dramatic literature, studying techniques and the business of running theatre. ***Acting in front of the class is required.**

Course Number: 0400320

Credit: 1.0

Course Length: Year

Theatre III

Grade Level: 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Theatre II.

Course Description: The purpose of this course is to provide opportunities for drama students to continue study in acting and production techniques. The content should include, but not be limited to, instruction in specific acting techniques used in various kinds of dramatic presentations, study of acting theories, practice and theory in set design, make-up, and costume design. ***Acting in front of the class is required.**

Course Number: 0400330

Credit: 1.0

Course Length: Year

Theatre IV

Grade Level: 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Theatre III.

Course Description: The purpose of this course is to provide opportunities for advanced drama students to continue study in various aspects of dramatic and theatrical art. The content includes the study and practical application in costume, scenery, make-up techniques, advanced acting techniques and theatrical management. Acting emphasis will be placed upon the development of unique performing styles and solo and ensemble presentations. ***Acting in front of the class is required.**

Course Number: 0400340

Credit: 1.0

Course Length: Year

Introduction to Engineering Design

Grade Level: 9, 10, 11, 12

Graduation Area: Career and Technical/Elective

Prerequisites: *Student must have completed Algebra 1. Teacher approval.*

Course Description: Students dig deep into the engineering design process, applying math, science, and engineering standards to hands-on projects. They work both individually and in teams to design solutions to a variety of problems using 3D modeling software, and use an engineering notebook to document their work.

Course Number: 8600550

Credit: 1.0

Course Length: Year

Principles of Engineering

Grade Level: 10, 11, 12

Graduation Area: Career and Technical/Elective

Prerequisites: *Successful completion of Introduction to Engineering Design. Student must have completed or be enrolled in Geometry. Teacher approval.*

Course Description: Through problems that engage and challenge, students explore a broad range of engineering topics, including mechanisms, the strength of structures and materials, and automation. Students develop skills in problem solving, research, and design while learning strategies for design process documentation, collaboration, and presentation.

Course Number: 8600520

Credit: 1.0

Course Length: Year

English and Language Arts

English I

Grade Level: 9

Graduation Area: English

Prerequisites: *None*

Course Description: This course provides instruction in reading, writing, listening and speaking skills. Emphasis is placed upon vocabulary development and the improvement of reading comprehension. Composition instruction focuses upon writing effective paragraphs and multi-paragraph papers. The course includes opportunities for the student to evaluate and critique the mass media. Earning credit in English I precludes earning credit in English Skills I or English Honors I.

Course Number: 1001310

Credit: 1.0

Course Length: Year

English I Honors

Grade Level: 9

Graduation Area: English

Prerequisites: *8th Grade Language Arts teacher recommendation.*

Course Description: This course provides instruction in reading, writing, listening and speaking skills. Emphasis is placed upon vocabulary development and the improvement of reading comprehension. Composition instruction focuses upon writing effective paragraphs and multi-paragraph papers. The course includes opportunities for the student to evaluate and critique the mass media. Earning credit in English I Honors precludes earning credit in English Skills I or English I.

Course Number: 1001320

Credit: 1.0

Course Length: Year

English II

Grade Level: 10

Graduation Area: English

Prerequisites: *One (1) credit in English.*

Course Description: This course provides instruction in reading, writing, listening and speaking. Vocabulary development is emphasized. Literature study concentrates on the themes and genres that are found in world literature. Cultural differences and cultural values are explored. The course includes composition instruction which focuses on the writing of a wide range of material for various purposes and different audiences. Earning credit in English II precludes earning credit in English Skills I or English Honors II.

Course Number: 1001340

Credit: 1.0

Course Length: Year

English II Honors

Grade Level: 10

Graduation Area: English

Prerequisites: *One (1) credit in English.*

Course Description: This course provides advanced instruction in reading, writing, listening and speaking. The universal themes of world literature are analyzed and discussed. Critical analysis of various literary genres is emphasized. Frequent practice is provided in all aspects of the composition process. Vocabulary study focuses on verbal analogies and other types of test items that are commonly found on standardized tests. Earning credit in English Honors II precludes earning credit in English Skills II or English II.

Course Number: 1001350

Credit: 1.0

Course Length: Year

English III

Grade Level: 11

Graduation Area: English

Prerequisites: *Two (2) credits in English.*

Course Description: This course provides instruction in reading, writing, listening and speaking. Literature study concentrates on the themes and genres that are found in American literature. This study includes the analysis of representative examples of American literature in various genres. Vocabulary study focuses

Course Number: 1001370

Credit: 1.0

Course Length: Year

upon verbal analogies and other patterns commonly found on standardized tests. The course includes the writing of documented research papers. Earning credit in English III precludes earning credit in English Skills III or English Honors III.

English III Honors

Grade Level: 11

Graduation Area: English

Prerequisites: *Two (2) credits in English.*

Course Description: This course provides advanced instruction in reading, writing, listening and speaking. Literature study concentrates on the themes and genres that are found in American literature. Emphasis is placed on the distinctively American qualities of the literature and its ethnic and cultural diversity. Frequent writing practice is provided. This course includes the writing of documented research papers. Earning credit in English Honors III precludes earning credit in English Skills III or English III.

Course Number: 1001380

Credit: 1.0

Course Length: Year

English IV

Grade Level: 12

Graduation Area: English

Prerequisites: *Three (3) credits in English.*

Course Description: The purpose of this course is to provide grade 12 students, using texts of high complexity, integrated language arts study in reading, writing, speaking, listening, and language for college and career preparation and readiness.

Course Number: 1001400

Credit: 1.0

Course Length: Year

English IV Honors

Grade Level: 12

Graduation Area: English

Prerequisites: *Three (3) credits in English.*

Course Description: This course provides instruction in reading, writing, listening and speaking. Literature study concentrates on the themes and genres that are found in British literature. This study includes the analysis of major British literary works of various genres. Influences that have shaped the English language throughout history are also explored. The course includes the writing of documented research papers. Earning credit in English Honors IV precludes earning credit in English Skills IV or English IV.

Course Number: 1001410

Credit: 1.0

Course Length: Year

Advanced Placement (AP)

English Language and Composition

Grade Level: 11, 12

Graduation Area: English

Prerequisites: *Two (2) credits in English Honors.*

Course Description: The purpose of this course is to prepare students to take the College Board Advanced Placement Examination in English Language and Composition. The course will focus on the principles of effective writing using prose selections from a wide variety of sources.

Course Number: 1001420

Credit: 1.0

Course Length: Year

Advanced Placement (AP)

English Literature and Composition

Grade Level: 12

Graduation Area: English

Prerequisites: *Three (3) credits in English Honors.*

Course Description: The purpose of this course is to prepare students to take the College Board Advanced Placement Examination in English Composition and Literature. The major literary content of the course is British literature; however, any literary work that serves the purpose of developing the student's analytical skills may be introduced.

Course Number: 1001430

Credit: 1.0

Course Length: Year

Dual Enrollment (DE) English Composition I**Course Number:** ENC 1101**Grade Level:** 11, 12**Credit:** 1.0**Graduation Area:** English**Course Length:** Semester**Prerequisites:** *Dual enrollment application with PHSC. Student must have at least a 3.0 unweighted GPA and college readiness test scores. Student must co-enroll in English Composition II.***Course Description:** This course is designed to develop composition skills. It emphasizes the development of the multi-paragraph essay and includes practice in information retrieval from electronic and other sources, as well as in the selection, restriction, organization, and development of topics. It also offers the student opportunities to improve proficiency with sentence structure, diction, and mechanics. Selected writing samples are examined as models of form and as sources of ideas for the student's own writing.**Dual Enrollment (DE) English Composition II****Course Number:** ENC 1102**Grade Level:** 11, 12**Credit:** 1.0**Graduation Area:** English**Course Length:** Semester**Prerequisites:** *Dual enrollment application with PHSC. Student must have at least a 3.0 unweighted GPA and college readiness test scores. Student must co-enroll in English Composition I.***Course Description:** This course builds upon the skills developed in Composition I. It provides further instruction in the planning, organization, and writing of essays. It stresses methods of library research including information retrieval from electronic sources, and emphasizes writing of the research paper and the paper of literary interpretation.

Algebra I

Grade Level: 9

Graduation Area: Mathematics (Algebra I)

Prerequisites: None

Course Description: This course is designed to develop concepts and skills in first year algebra. Topics include examining relationships between quantities and reasoning with equations, exploring linear and exponential relationships, applying descriptive statistics, building on the understanding of expressions and equations, and exploring quadratic functions and modeling.

Course Number: 1200310

Credit: 1.0

Course Length: Year

Algebra I Honors

Grade Level: 9

Graduation Area: Mathematics (Algebra I)

Prerequisites: 8th Grade Math teacher recommendation

Course Description: This course is designed to develop concepts and skills in first year algebra. Topics include examining relationships between quantities and reasoning with equations, exploring linear and exponential relationships, applying descriptive statistics, building on the understanding of expressions and equations, and exploring quadratic functions and modeling.

Course Number: 1200320

Credit: 1.0

Course Length: Year

Algebra II

Grade Level: 10, 11, 12

Graduation Area: Mathematics

Prerequisites: Completion of Algebra I, and Geometry equivalent course work.

Course Description: This course is designed to continue the study of linear, quadratic, and exponential functions and to extend knowledge of functions to include polynomial, rational, radical and trigonometric functions. Additional topics include modeling with functions, exploring and describing data, and building on probability concepts.

Course Number: 1200330

Credit: 1.0

Course Length: Year

Algebra II Honors

Grade Level: 10, 11, 12

Graduation Area: Mathematics

Prerequisites: Completion of Algebra I and Geometry equivalent course work.

Course Description: This course is designed to continue the study of linear, quadratic, and exponential functions and to extend knowledge of functions to include polynomial, rational, radical and trigonometric functions. Additional topics include modeling with functions, exploring and describing data, and building on probability concepts.

Course Number: 1200340

Credit: 1.0

Course Length: Year

Advanced Placement (AP) Calculus AB

Grade Level: 11, 12

Graduation Area: Mathematics

Prerequisites: Successful completion of Pre-Calculus. **AP Expectations form is required.**

Course Description: This course is designed to offer students college level mathematics under the guidelines of the Advanced Placement program. The course content will follow the outline set forth by the College Board for Advanced Placement Calculus AB.

Course Number: 1202310

Credit: 1.0

Course Length: Year

Geometry**Grade Level:** 10**Graduation Area:** Mathematics (Geometry)**Prerequisites:** *Completion of Algebra I, or Algebra I equivalent course work.***Course Description:** This course is designed to formalize and extend geometric experiences and continue exploration of topics including congruence, similarity, proof and construction development, trigonometry, extending to three dimensions, coordinate geometry, and exploring circles from a geometric perspective.**Course Number:** 1206310**Credit:** 1.0**Course Length:** Year**Geometry Honors****Grade Level:** 9, 10**Graduation Area:** Mathematics (Geometry)**Prerequisites:** *Completion of Algebra I, or Algebra I equivalent course work.***Course Description:** This course is designed to formalize and extend geometric experiences and continue exploration of topics including congruence, similarity, proof and construction development, trigonometry, extending to three dimensions, coordinate geometry, and exploring circles from a geometric perspective.**Course Number:** 1206320**Credit:** 1.0**Course Length:** Year**Liberal Arts Math I****Grade Level:** 10, 11**Graduation Area:** Mathematics**Prerequisites:** *Administrative placement based on Algebra I and Geometry EOC scores.***Course Description:** This course is designed to serve as a bridge between algebra and geometry. Topics include a review of many algebra topics and an introduction to select geometry topics. Completion of this course will provide a solid foundation for a follow-on geometry course.**Course Number:** 1207300**Credit:** 1.0**Course Length:** Year**Math for College Readiness****Grade Level:** 12**Graduation Area:** Mathematics**Prerequisites:** *Successful completion of Algebra 2, or Algebra 2 equivalent course work.***Course Description:** This course is designed for students who are not yet “college ready” in mathematics or simply need some additional instruction in content to prepare them for success in college level mathematics. This course explores topics including expressions and equations, the number system, functions, algebra, geometry, number and quantity, and statistics and probability.**Course Number:** 1200700**Credit:** 1.0**Course Length:** Year**Pre-Calculus****Grade Level:** 11, 12**Graduation Area:** Mathematics**Prerequisites:** *Successful completion of Algebra II, or Algebra II equivalent course work.***Course Description:** This course is designed to emphasize the concepts and skills necessary for the study of calculus. Topics include functions, sequences and series, limits, vectors, conic sections, polar coordinates, symbolic logic, mathematical induction, matrix algebra, trigonometric and circular functions.**Course Number:** 1202340**Credit:** 1.0**Course Length:** Year**Probability & Statistics with Applications****Grade Level:** 11, 12**Graduation Area:** Mathematics**Prerequisites:** *Successful completion of Algebra 2, or Algebra 2 equivalent course work.***Course Description:** This course is designed to provide a basic understanding of descriptive and inferential statistics. Topics include the measures of central tendency, standard deviation, combinations and permutations, probability, sampling, and various distributions. Emphasis is on applications of statistical concepts.**Course Number:** 1210300**Credit:** 1.0**Course Length:** Year

Media Electives

Journalism I

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: *Application is required. Demonstration of writing proficiency.*

Course Description: This course is designed to be a broad-based course which will acquaint the student with the fundamentals of journalism. The content includes instruction in the history and traditions of journalism, photography, layouts, advertising, printing, and other practical aspects of journalism. The student will be involved in workshop experiences that may include writing editorials, sports and news articles, advertising, or feature stories.

Course Number: 1006300

Credit: 1.0

Course Length: Year

Journalism II

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: *Application is required. Successful completion of Journalism I.*

Course Description: This course is designed to continue the study of journalism begun in Journalism I. The student receives instruction in ways to gather information and how to write and edit news, sports, and feature stories. The student will be involved in workshop experiences that may include more advanced techniques of photography, layout, advertising, and printing. Emphasis is placed on career opportunities related to journalism.

Course Number: 1006310

Credit: 1.0

Course Length: Year

Journalism III

Grade Level: 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: *Application is required. Successful completion of Journalism II.*

Course Description: The purpose of this course is to provide the opportunity for an advanced journalism student to continue studies in writing and production techniques and to participate in workshops to prepare materials for publication. Emphasis is also placed on journalistic leadership skills, including time management, utilization of personnel, and task organization.

Course Number: 1006320

Credit: 1.0

Course Length: Year

Journalism IV

Grade Level: 12

Graduation Area: Performing Fine Arts

Prerequisites: *Application is required. Successful completion of Journalism III.*

Course Description: The purpose of this course is to provide the opportunity for an advanced journalism student to continue studies in writing and production techniques and to participate in workshops to prepare materials for publication. Emphasis is also placed on advanced organizational and management skills related to journalism as well as using the students' skills in writing, graphic design and/or photography.

Course Number: 1006330

Credit: 1.0

Course Length: Year

Social Media

Grade Level: 9, 10, 11, 12

Graduation Area: Elective

Prerequisites: *None*

Course Description: The purpose of this course is to enable students to develop fundamental skills in the use of social media across print, multimedia, web, and broadcast platforms, including ethical and legal uses.

Course Number: 1006375

Credit: 0.5

Course Length: Semester

Music

Band III

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Band II and access to an instrument.

Course Description: The purpose of this course is to provide students with instruction in the development of musicianship and technical skills through study of varied band literature. The content includes interpreting medium level band music; establishing appropriate tone production and performance techniques; identifying simple music form and varied style periods; formulating aesthetic awareness. Attendance at out of school rehearsals and performances is required.

Course Number: 1302320

Credit: 1.0

Course Length: Year

Band IV

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Band III and access to an instrument.

Course Description: The purpose of this course is to provide students with instruction in the application of musicianship and technical skills through the study of varied band literature. The content includes interpreting medium level band music; refining tone production and performance techniques; understanding of musical form, style and aesthetic perceptions. Attendance at out of school rehearsals and performances is required.

Course Number: 1302330

Credit: 1.0

Course Length: Year

Band V Honors

Grade Level: 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Band IV and access to an instrument.

Course Description: The purpose of this course is to develop independence in musicianship, performance techniques aesthetic awareness through the rehearsal and performance of varied band literature. The content includes interpreting difficult music; developing independent musicianship, tone production and performance techniques; analyzing form, style and history included in the performance preparation of varied band literature; formulating critical listening skills and aesthetic values. Attendance at out of school rehearsals and performances is required.

Course Number: 1302340

Credit: 1.0

Course Length: Year

Band VI Honors

Grade Level: 12

Graduation Area: Performing Fine Arts

Prerequisites: Successful completion of Band V and access to an instrument.

Course Description: The purpose of this course is to foster internalization of independence in musicianship, performance techniques and aesthetic awareness through the rehearsal and performance of varied band literature. The content includes interpreting difficult music; refining of independent musicianship, tone production and performance techniques; analyzing and applying form, style and history included in the performance preparation of varied band literature; developing critical listening skills. Attendance at out of school rehearsals and performances is required.

Course Number: 1302350

Credit: 1.0

Course Length: Year

Chorus III

Grade Level: 9, 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: *Successful completion of Chorus II.*

Course Description: The purpose of this course is to provide students with instruction in the development of basic vocal musicianship and technical skills through the study of varied choral literature. The content includes interpretation of notation; establishment of appropriate tone production and performance techniques; holistic presentation of simple musical form, varied style periods, and aesthetic values. Attendance at out of school rehearsals and performances required.

Course Number: 1303320

Credit: 1.0

Course Length: Year

Chorus VI

Grade Level: 10, 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: *Successful completion of Chorus III.*

Course Description: The purpose of this course is to provide students with instruction in the application of vocal musicianship and technical skills through the study of varied choral literature. The content includes independent interpretation of easy-medium easy (E-ME) level choral music; refinement of tone production and performance techniques; analysis of musical form, varied style periods, aesthetic perceptions. Attendance at out of school rehearsals and performances required.

Course Number: 1303330

Credit: 1.0

Course Length: Year

Chorus V Honors

Grade Level: 11, 12

Graduation Area: Performing Fine Arts

Prerequisites: *Successful completion of Chorus IV.*

Course Description: The purpose of this course is to develop independence in musicianship, performance techniques and aesthetic awareness through the rehearsal and performance of varied choral literature. Special emphasis is placed on performance. The content includes interpretation of difficult choral music (MD-D); development of independent musicianship, tone production and performance techniques; the analysis of form, style and history included in the performance of varied choral literature; formulation of critical listening skills and aesthetic values. Attendance at out of school rehearsals and performances required.

Course Number: 1303340

Credit: 1.0

Course Length: Year

Chorus VI Honors

Grade Level: 12

Graduation Area: Performing Fine Arts

Prerequisites: *Successful completion of Chorus V.*

Course Description: The purpose of this course is to foster independence in vocal musicianship, performance techniques, and aesthetic awareness through the rehearsal and performance of varied choral literature. The content includes independent interpretation of difficult choral music (MD-D); refinement of independent musicianship, tone production and performance techniques; the analysis and application of form, style and history included in the performance of varied choral literature; internalization of aesthetic values and critical listening skills. Attendance at out of school rehearsals and performances required.

Course Number: 1303350

Credit: 1.0

Course Length: Year

Physical Education

Basketball

Grade Level: 9, 10, 11, 12

Graduation Area: Physical Education

Prerequisites: None

Course Description: The purpose of this course is to provide students with opportunities to acquire knowledge and skills in basketball that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness. This course expands and refines concepts and activities that were introduced in elementary and middle school

Course Number: 1503310

Credit: 0.5

Course Length: Semester

HOPE Core

Grade Level: 9, 10, 11, 12

Graduation Area: Physical Education

Prerequisites: None. Course recommended to be taken during the student's 9th grade year.

Course Description: The purpose of this course is to develop and enhance healthy behaviors that influence lifestyle choices and student health and fitness.

Course Number: 3026010

Credit: 1.0

Course Length: Year

Recreational Activities

Grade Level: 9, 10, 11, 12

Graduation Area: Physical Education

Prerequisites: None

Course Description: The purpose of this course is to enable students to acquire basic knowledge of recreational activities, develop skills and specified activities, and improve health-related fitness.

Course Number: 1502470

Credit: 0.5

Course Length: Semester

Soccer

Grade Level: 9, 10, 11, 12

Graduation Area: Physical Education

Prerequisites: None

Course Description: The purpose of this course is to provide students with opportunities to acquire knowledge and skills in soccer that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness. This course expands and refines concepts and activities that were introduced in elementary and middle school.

Course Number: 1503320

Credit: 0.5

Course Length: Semester

Team Sports I

Grade Level: 9, 10, 11, 12

Graduation Area: Physical Education

Prerequisites: None

Course Description: The purpose of this course is to provide students with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their personal fitness. This course expands and refines concepts and activities that were introduced in elementary and middle school.

Course Number: 1503350

Credit: 0.5

Course Length: Semester

Team Sports II**Grade Level:** 9, 10, 11, 12**Graduation Area:** Physical Education**Prerequisites:** *Successful completion of Team Sports I.***Course Description:** The purpose of this course is to provide student with opportunities to acquire knowledge of strategies of team sports play, develop skills in selected team sports, and maintain and/or improve their personal fitness.**Course Number:** 1503360**Credit:** 0.5**Course Length:** Semester**Tennis (Beginning)****Grade Level:** 9, 10, 11, 12**Graduation Area:** Physical Education**Prerequisites:** *None***Course Description:** The purpose of this course is to provide students with opportunities to acquire knowledge and skills in tennis that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness. This course expands and refines concepts and activities that were introduced in elementary and middle school.**Course Number:** 1504500**Credit:** 0.5**Course Length:** Semester**Tennis (Intermediate)****Grade Level:** 9, 10, 11, 12**Graduation Area:** Physical Education**Prerequisites:** *Successful completion of Beginning Tennis.***Course Description:** The purpose of this course is to provide students with opportunities to extend the acquisition of knowledge and the development of skills introduced in Beginning Tennis that may be used in recreational pursuits today as well as in later life and maintain and/or improve their personal fitness.**Course Number:** 1504510**Credit:** 0.5**Course Length:** Semester**Track and Field****Grade Level:** 9, 10, 11, 12**Graduation Area:** Physical Education**Prerequisites:** *None***Course Description:** The purpose of this course is to enable students to acquire basic knowledge of track and field activities, develop skills and specified activities, and improve health-related fitness.**Course Number:** 1503300**Credit:** 0.5**Course Length:** Semester**Weight Training I (Beginning)****Grade Level:** 9, 10, 11, 12**Graduation Area:** Physical Education**Prerequisites:** *None***Course Description:** The purpose of this course is to provide students with opportunities to acquire basic knowledge and skills in weight training that may be used in physical fitness pursuits today as well as in later life, improve muscular strength and endurance, and enhance body image.**Course Number:** 1501340**Credit:** 0.5**Course Length:** Semester**Weight Training II (Intermediate)****Grade Level:** 9, 10, 11, 12**Graduation Area:** Physical Education**Prerequisites:** *Successful completion of Weight Training I.***Course Description:** The purpose of this course is to provide students with opportunities to extend the acquisition of knowledge and the development of skills introduced in beginning weight training that may be used in physical fitness pursuits today as well as in later life, further improve strength and endurance, and further enhance body image.**Course Number:** 1501350**Credit:** 0.5**Course Length:** Semester

Weight Training III (Advanced)

Grade Level: 10, 11, 12

Graduation Area: Physical Education

Prerequisites: *Successful completion of Weight Training I and Weight Training II.*

Course Number: 1501360

Credit: 0.5

Course Length: Semester

Course Description: The purpose of this course is to provide students with opportunities to extend the acquisition of knowledge of and the development of skills introduced in intermediate weight training that may be used in physical fitness pursuits today as well as in later life, further improve muscular strength and endurance, and further enhance body image.

Science

Agriscience Foundations

Grade Level: 9, 10, 11, 12

Graduation Area: Science

Prerequisites: None

Course Description: This course provides the students with skills related to plant and animal science, conservation and ecology, forestry and natural resources, mechanics, and agriculture production.

Course Number: 8106810

Credit: 1.0

Course Length: Year

Anatomy and Physiology Honors

Grade Level: 11, 12

Graduation Area: Science

Prerequisites: Successful completion of a Biology course.

Course Description: The purpose of this course is to provide rigorous advanced activities in the structures and functions of the components of the human body. Topics will include anatomical terminology, human systems, immune response, inheritance, and genetic disorders.

Course Number: 2000360

Credit: 1.0

Course Length: Year

Biology I

Grade Level: 10, 11, 12

Graduation Area: Science

Prerequisites: None

Course Description: Students are introduced to basic biological concepts including the nature of science and habits of mind, the roles of matter, energy, and the chemical processes of life, the structure and processes of cells, genetic diversity and related biotechnologies, levels of organization and classification, the structure and function of selected organisms, the behavior of organisms, the interdependence of all living things and the environment, biological change through time, agriculture, food, and medical technologies, and related careers.

Course Number: 2000310

Credit: 1.0

Course Length: Year

Biology I Honors

Grade Level: 9, 10, 11, 12

Graduation Area: Science

Prerequisites: None

Course Description: Students are introduced to basic biological concepts including the nature of science and habits of mind, the roles of matter, energy, and the chemical processes of life, the structure and processes of cells, genetic diversity and related biotechnologies, levels of organization and classification, the structure and function of selected organisms, the behavior of organisms, the interdependence of all living things and the environment, biological change through time, agriculture, food, and medical technologies, and related careers. Mastery of proper laboratory techniques in biological study is an integral part of the course.

Course Number: 2000320

Credit: 1.0

Course Length: Year

Advanced Placement (AP) Biology

Grade Level: 11, 12

Graduation Area: Science

Prerequisites: Successful completion of Biology I and Chemistry. **AP Expectations form is required.**

Course Description: The purpose of this course is to provide a college level course in biology and to prepare the student to seek credit and/or placement in college biology courses. Content includes cellular, organismal, and population biology. The content of the course follows the Advanced Placement guidelines. Laboratory investigations of selected topics in the content which also include the use of the scientific method, measurement, laboratory apparatus and safety are an integral part of the course.

Course Number: 2000340

Credit: 1.0

Course Length: Year

Chemistry

Grade Level: 10, 11, 12

Graduation Area: Science

Prerequisites: Successful completion of Algebra I and a Biology course.

Course Description: The purpose of this course is to provide students with the study of the composition, properties and changes associated with matter. The content should include, but not be limited to: the nature of science, classification and structure of matter, atomic theory, periodic laws, bonding, chemical formulas, reactions and balanced equations, behavior of gases, acids, bases and salts, the nature of and energy associated with physical and chemical changes, and the interactions of chemistry with technology and society.

Course Number: 2003340

Credit: 1.0

Course Length: Year

Chemistry Honors

Grade Level: 10, 11, 12

Graduation Area: Science

Prerequisites: Successful completion of Algebra I and a Biology course.

Course Description: The purpose of this course is to provide students with a rigorous study of the composition, properties and changes associated with matter. The content should include, but not be limited to: the nature of science, classification and structure of matter, atomic theory, periodic laws, bonding, chemical formulas, reactions and balanced equations, behavior of gases, acids, bases and salts, the nature of and energy associated with physical and chemical changes, and the interactions of chemistry with technology and society.

Course Number: 2003350

Credit: 1.0

Course Length: Year

Advanced Placement (AP) Chemistry

Grade Level: 11, 12

Graduation Area: Science

Prerequisites: Successful completion of a high school Chemistry course and Algebra 2. **AP Expectations form is required.**

Course Description: The purpose of this course is to provide a college level course in chemistry and to prepare the student to seek credit and/or placement in college chemistry courses. Content includes descriptive chemistry, nuclear chemistry and advanced stoichiometry. The content of the course follows the Advanced Placement Program guidelines.

Course Number: 2003370

Credit: 1.0

Course Length: Year

Environmental Science

Grade Level: 11, 12

Graduation Area: Science

Prerequisites: Successful completion of Biology.

Course Description: The purpose of this course is to study human interaction with the environment. Topics include: forms of pollution, conservation, environmental planning and policy, population dynamics, and major forms of energy.

Course Number: 2001340

Credit: 1.0

Course Length: Year

Advanced Placement (AP)

Environmental Science

Grade Level: 11, 12

Graduation Area: Science

Prerequisites: Successful completion of Biology I. **AP Expectations form is required.**

Course Description: The AP Environmental Science course is designed to be the equivalent of a one-semester, introductory college course in environmental science, through which students engage with the scientific principles, concepts, and methodologies required to understand the interrelationships of the natural world. The course requires that students identify and analyze natural and human-made

Course Number: 2001380

Credit: 1.0

Course Length: Year

environmental problems, evaluate the relative risks associated with these problems, and examine alternative solutions for resolving or preventing them. Environmental Science is interdisciplinary, embracing topics from geology, biology, environmental studies, environmental science, chemistry, and geography.

Marine Science

Grade Level: 11, 12

Graduation Area: Science

Prerequisites: *Successful completion of Biology.*

Course Description: The purpose of this course is to provide the student with a survey of the marine biome. Topics include physical oceanography, marine geology, the diversity of marine organisms, marine ecology, and man and the marine community.

Course Number: 2002500

Credit: 1.0

Course Length: Year

Marine Science Honors

Grade Level: 11, 12

Graduation Area: Science

Prerequisites: *Successful completion of Biology.*

Course Description: Marine science honors is a course that is designed to provide an interesting, clear, current and comprehensive view of ocean sciences. This course is broadly interdisciplinary, and students will need to make connections between astronomy, physics, chemistry, biology, history, metrology, and geology. The Oceans are the Earth's largest feature and one of its most important systems.

Course Number: 2002510

Credit: 1.0

Course Length: Year

Physical Science

Grade Level: 9

Graduation Area: Science

Prerequisites: *None*

Course Description: The purpose of this course is to provide students with an introduction to the basic concepts of the unifying concepts and processes of science, structure of atoms, structure and properties of matter, chemical reactions, force and motion, conservation of energy, interactions of energy and matter, and interactions between science and technology.

Course Number: 2003310

Credit: 1.0

Course Length: Year

Physical Science Honors

Grade Level: 9

Graduation Area: Science

Prerequisites: *8th Grade Science teacher recommendation*

Course Description: The purpose of this course is to provide opportunities to study the concepts of matter, energy, and forces, and their applications through exploratory investigations and activities.

Course Number: 2003320

Credit: 1.0

Course Length: Year

Physics Honors

Grade Level: 11, 12

Graduation Area: Science

Prerequisites: *Concurrent or successful completion of Algebra 2.*

Course Description: The purpose of this course is to provide students with a study of the unifying concepts and processes of science, energy, force and motion, dynamics, wave characteristics, conservation of energy and momentum, heat and thermodynamics, electricity and magnetism, and interactions among science, technology, and society.

Course Number: 2003390

Credit: 1.0

Course Length: Year

Economics with Financial Literacy

Grade Level: 12

Graduation Area: Economics

Prerequisites: None

Course Description: This course provides students the opportunity to acquire an understanding of the way in which society organizes its limited resources to satisfy unlimited wants. The student will be introduced to the major characteristics of the mixed market economic system in the United States and how the basic economic questions are answered. The major emphasis is to provide the students with an understanding of the forces of the marketplace by examining the effect of their role as a producer, consumer, saver, investor, resource owner, voter, and taxpayer on the system.

Course Number: 2102335

Credit: 0.5

Course Length: Semester

Economics with Financial Literacy Honors

Grade Level: 12

Graduation Area: Economics

Prerequisites: None

Course Description: This course provides students the opportunity to acquire a comprehensive understanding of the way in which society utilizes its limited resources to satisfy unlimited wants and the distinguishing characteristics of other types of economic systems with particular attention to the American mixed market system. The major emphasis is to provide the students with the tools to examine and analyze the implications of market solutions and public policy decisions related to economic problems.

Course Number: 2102345

Credit: 0.5

Course Length: Semester

Advanced Placement (AP) Macro Economics

Grade Level: 12

Graduation Area: Economics

Prerequisites: Students should be able to read a college-level textbook and write grammatically correct, complete sentences. **AP Expectations form is required.**

Course Description: Students understand the choices they must make as producers, consumers, investors, and tax payers. The content includes fundamental economic concepts and an analysis of macroeconomic concepts including gross national product, aggregate supply and demand, unemployment, inflation and deflation, monetary policy, fiscal policy and international economics.

Course Number: 2102370

Credit: 0.5

Course Length: Semester

U.S. Government

Grade Level: 12

Graduation Area: U.S. Government

Prerequisites: None

Course Description: This course provides students the opportunity to acquire an understanding of American government and political behavior. Specific content will include an analysis of those documents which shape our political traditions (Declaration of Independence, Constitution, and Bill of Rights), a comparison of the roles of the three branches of government at the local, state, and national levels, an understanding of the evolving role of political parties and interest groups in determining government policy, how the rights and responsibilities of citizens in a democratic state have evolved and been interpreted, and the importance of civic participation in the democratic political process.

Course Number: 2106310

Credit: 0.5

Course Length: Semester

U.S. Government Honors**Grade Level:** 12**Graduation Area:** U.S. Government**Prerequisites:** None**Course Number:** 2106320**Credit:** 0.5**Course Length:** Semester

Course Description: This course provides students with the opportunity to acquire a comprehensive understanding of American Government and political behavior. Specific content will include an evaluation of those documents which shape our political traditions (Declaration of Independence, Constitution and Bill of Rights), an analysis of the roles of the three branches of government at the local, state, and national levels, a comparative view of the changing nature of the roles of the three branches of government at the local, state, and national levels, and a comparative view of the changing nature of political parties and interest groups over time in determining policy, an evaluation of the changing nature of citizen rights and responsibilities in a democratic state, and the importance of civic participation in the democratic political process.

Advanced Placement (AP) U.S. Government**Grade Level:** 12**Graduation Area:** U.S. Government**Prerequisites:** Students should be able to read a college-level textbook and write grammatically correct, complete sentences. **AP Expectations form is required.****Course Number:** 2106420**Credit:** 0.5**Course Length:** Semester

Course Description: AP United States Government and Politics 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.

U.S. History**Grade Level:** 10, 11**Graduation Area:** U.S. History**Prerequisites:** None**Course Number:** 2100310**Credit:** 1.0**Course Length:** Year

Course Description: This course provides students with the opportunity to acquire an understanding of the development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation.

U.S. History Honors**Grade Level:** 10, 11**Graduation Area:** U.S. History**Prerequisites:** None**Course Number:** 2100320**Credit:** 1.0**Course Length:** Year

Course Description: This course provides students with the opportunity to acquire an in-depth and comprehensive understanding of the development of the American people by examining the political, economic, social, religious, military, scientific, and cultural events that have affected the rise and growth of the nation.

Advanced Placement (AP) U.S. History**Grade Level:** 10, 11**Graduation Area:** U.S. History**Prerequisites:** Students should be able to read a college-level textbook and write grammatically correct, complete sentences. **AP Expectations form is required.****Course Number:** 2100330**Credit:** 1.0**Course Length:** Year

Course Description: The purpose of Advanced Placement American History is to provide students with the opportunity to develop the analytic skills and factual knowledge necessary to deal critically with the

problems, content, and materials of American historic development. This is done by focusing on persistent themes and changes in history and by applying historical reasoning to seek solutions to contemporary problems.

World History

Grade Level: 9, 10

Graduation Area: World History

Prerequisites: None

Course Description: Provides students the opportunity to acquire an understanding of the development of civilization by examining the political, economic, social, religious, military, scientific, and cultural events that have affected humanity.

Course Number: 2109310

Credit: 1.0

Course Length: Year

World History Honors

Grade Level: 9, 10

Graduation Area: World History

Prerequisites: None

Course Description: Provides students the opportunity to acquire a comprehensive understanding of the past in terms of what has been interpreted about changes as it relates to the development of humanity. This is done by analyzing the political, economic, social, religious, military, scientific, and cultural events that have shaped and molded humanity.

Course Number: 2109320

Credit: 1.0

Course Length: Year

Advanced Placement (AP) World History

Grade Level: 10

Graduation Area: World History

Prerequisites: *AP Teacher expectations form is required. Students should be able to read a college-level textbook and write grammatically correct, complete sentences.*

Course Description: AP World History focuses on developing students' abilities to think conceptually about world history from approximately 8000 BCE to the present and apply historical thinking skills as they learn about the past. Five themes of equal importance — focusing on the environment, cultures, state-building, economic systems, and social structures — provide areas of historical inquiry for investigation throughout the course. AP World History encompasses the history of the five major geographical regions of the globe: Africa, the Americas, Asia, Europe, and Oceania, with special focus on historical developments and processes that cross multiple regions.

Course Number: 2109420

Credit: 1.0

Course Length: Year

World Languages

American Sign Language I

Grade Level: 9, 10, 11, 12

Graduation Area: Foreign Language/Elective

Prerequisites: None

Course Description: The purpose of this course is to teach hearing students basic conversational skills in sign language and a basic awareness of various aspects of deafness. The content should include, but not be limited to, the following: conversational vocabulary and grammatical features of sign language systems, brief presentation of audiological, educational, social, legal, and cultural aspects of deafness.

Course Number: 0717300

Credit: 1.0

Course Length: Year

American Sign Language II

Grade Level: 9, 10, 11, 12

Graduation Area: Foreign Language/Elective

Prerequisites: Successful completion of American Sign Language I or mastery of the student performance standards and course level competencies corresponding to American Sign Language II.

Course Description: This course will further develop hearing student's knowledge of the American Sign Language (ASL), including conversational skills, syntax and principles, and the cultural aspects of the deaf community. This course may be substituted for the foreign language university requirement. Course meets foreign language university requirement.

Course Number: 0717310

Credit: 1.0

Course Length: Year

American Sign Language III Honors

Grade Level: 10, 11, 12

Graduation Area: Foreign Language/Elective

Prerequisites: Successful completion of American Sign Language II or mastery of the student performance standards and course level competencies corresponding to American Sign Language III. Teacher approval.

Course Description: This course provides mastery and expansion of skills acquired by the students in American Sign Language 2. Specific content includes, but is not limited to, expansions of vocabulary and conversational skills through discussions of selected media. Contemporary vocabulary stresses activities which are important to the everyday life of people using the target language.

Course Number: 0717312

Credit: 1.0

Course Length: Year

American Sign Language IV Honors

Grade Level: 11, 12

Graduation Area: Foreign Language/Elective

Prerequisites: Successful completion of American Sign Language III or mastery of the student performance standards and course level competencies corresponding to American Sign Language IV. Teacher approval.

Course Description: American Sign Language 4 expands the skills acquired by the students in American Sign Language 3. Specific content includes, but is not limited to, more advanced language structures and idiomatic expressions, with emphasis on conversational skills. There is additional growth in vocabulary for practical purposes. Media selections are varied and taken from authentic target language literary works.

Course Number: 0717314

Credit: 1.0

Course Length: Year

Spanish I

Grade Level: 9, 10, 11, 12

Graduation Area: Foreign Language/Elective

Prerequisites: None

Course Description: This course introduces students to the Spanish language and its culture. The content includes beginning skills in speaking, listening, reading and writing Spanish. Special attention is focused on Spanish pronunciation. Standards for Communication, Knowledge and Understanding of other cultures,

Course Number: 0708340

Credit: 1.0

Course Length: Year

connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the novice low to novice mid levels of language proficiency as determined by the ACTFL guidelines. *This course is designed for non-native speakers of the language.

Spanish II

Grade Level: 9, 10, 11, 12

Graduation Area: Foreign Language/Elective

Prerequisites: Successful completion of Spanish I or mastery of the student performance standards and course level competencies corresponding to Spanish I.

Course Description: This course introduces students to the Spanish language and its culture. The content includes beginning skills in speaking, listening, reading and writing Spanish. Special attention is focused on Spanish pronunciation. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the novice low to novice mid levels of language proficiency as determined by the ACTFL guidelines. *This course is designed for non-native speakers of the language.

Course Number: 0708350

Credit: 1.0

Course Length: Year

Spanish III Honors

Grade Level: 10, 11, 12

Graduation Area: Foreign Language/Elective

Prerequisites: Successful completion of Spanish II or mastery of the student performance standards and course level competencies corresponding to Spanish II. Teacher Approval.

Course Description: This course reinforces and expands the skills acquired by the students in Spanish II. The content includes the expansion of vocabulary and conversational skills through discussions based on selected readings. Students' acquisition of grammatical concepts is strengthened. Vocabulary study stresses activities which are important to everyday life of Spanish-speaking peoples. This course continues to develop the students' listening, speaking, reading and writing abilities in Spanish. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the intermediate mid to intermediate high levels of language proficiency as determined by the ACTFL guidelines.

Course Number: 0708360

Credit: 1.0

Course Length: Year

Spanish IV Honors

Grade Level: 11, 12

Graduation Area: Foreign Language/Elective

Prerequisites: Successful completion of Spanish III or mastery of the student performance standards and course level competencies corresponding to Spanish III. Teacher Approval.

Course Description: This course concentrates on the more advanced language structures and idiomatic expressions, with emphasis on conversational skills. Vocabulary is expanded. Students read from a variety of sources including Spanish literature. This course continues to develop the students' listening, speaking, reading and writing abilities in Spanish. Standards for Communication, Knowledge and Understanding of other cultures, connections with other disciplines to acquire information, insight into the nature of language and culture and participation in multilingual communities at home and around the world are emphasized through target language instruction at the intermediate high to advanced low levels of language proficiency as determined by the ACTFL guidelines.

Course Number: 0708370

Credit: 1.0

Course Length: Year