

MARKETING PRINCIPLES I

WVEIS Code 0422

This course included instructional areas designed to provide an understanding of the fundamental marketing processes and the role of marketing in a free enterprise economy.

Prerequisite: Must be in Marketing or Job Skills, Small business Management or Advertising

MARKETING WORK EXPERIENCE

WVEIS Code 0428

This course includes instructional areas designed to prepare for a career in the field of marketing and management. Instruction will prepare students to perform one or more of the marketing functions such as selling, promoting, marketing research, and management. The course utilizes cooperative education to support classroom instruction.

Prerequisite: None

LIFE CONNECTIONS

WVEIS Code 0901

This course will enable students to develop skills which will enable them to assume their roles in society as productive, successful individuals in families and communities. Areas of instruction include management, interpersonal relationships, human development, parenting, nutrition and wellness, and community involvement.

Prerequisite: Be in the Junior or Senior Class

PARENTING AND CHILD DEVELOPMENT

WVEIS Code 0902

Students will have the opportunity to develop knowledge of child growth and development and parenting skills.

Prerequisite: Be in the Junior or Senior Class

HUMAN SERVICES, DEVELOPMENT, AND RELATIONSHIPS

WVEIS Code 0928

This course will help to promote student growth and development of self and others by providing students with the skills to develop respectful and responsible relationships within their family, career, and community.

Prerequisite: None

LIFE SKILLS (STEPS)

WVEIS Code 0929

Life Skills focuses on skills and careers in the areas of: clothing; care of children; foods and nutrition; personal and family relationships, and consumer education and management. This class was previously known as **STEPS** (*Surviving Today's Experiences and Problems Successfully*).

Prerequisite: None

NUTRITION AND FOOD SCIENCE

WVEIS Code 0952

Nutrition courses focus on the value of good nutrition in relationship to wellness. Students use scientific processes to study the field of food science. Laboratory skills and experimental methods are used to measure, record, and analyze data that relates to the relationship of food science to other sciences (such as chemistry, microbiology, nutrition, and physics).

Prerequisite: None

LODGING OPERATING PROGRAM I, II

WVEIS Code 1201,1202

This Lodging Operations Program (LOP) is a two-year lodging curriculum developed by the Educational Institute of the American Hotel and Motel Association with input from thousands of lodging professionals across the nation. The course integrates academic and hands-on activities to provide an overview of the industry and competencies necessary for success in various areas of the lodging industry. The curriculum is flexible enough to allow teachers to teach the competencies in a variety of sequences; therefore, the instructional goals and objectives for both years are listed without sequence guidelines.

Prerequisite: Successful completion of Lodging I for Lodging II and Travel WVA

ACCOUNTING PRINCIPLES I

WVEIS Code 1401

This course prepares students with the basic principles of the accounting cycle. Students study the basic principles, concepts, and practices of the accounting cycle which include financial statements, banking, payroll, business ownerships, and an accounting career orientation. AM1, AM2, A1, A2.

Prerequisite: None (possible EDGE credit)

ADVANCED ACCOUNTING II

WVEIS Code 1403

This course provides students the opportunity to develop advanced knowledge of accounting procedures and techniques utilized in problem-solving and in making financial decisions and analyses. Students study the advanced principles, concepts, and practices of the accounting cycle which include financial statements, banking, payroll, partnerships, corporation, cost accounting, inventory, and tax accounting. AM1, AM2, A1, A2.

Prerequisite: Successful completion of Accounting Principles (possible EDGE credit)

BASIC KEYBOARDING

WVEIS Code 1407

BUSINESS COMMUNICATION

WVEIS Code 1409

This area of study will focus on the application of communication skills through a variety of informal and formal experiences. The performance-based course will emphasize effective interpersonal and team building skills. Technology will be used to create and deliver presentations, to extend problem-solving situation, and to practice critical thinking and decision making. Research strategies such as job interview, research paper, or a senior project will culminate this course. This course may count as a fifth English elective.

Prerequisite: Strongly recommended: At least a "C" average in English courses previously completed. Successful completion of Keyboarding and Information Processing. (possible EDGE credit)

BUSINESS COMPUTER APPLICATIONS I

WVEIS Code 1411

This area of study is designed to provide the learner with the opportunity to understand and apply integrated software to business applications. The students will be introduced to word processing, spreadsheet, desktop publishing/presentations, Internet and data base applications.

Prerequisite: Successful completion of Keyboarding and Information Processing (possible EDGE credit)

BUSINESS COMPUTER APPLICATIONS II

WVEIS Code 1413

This area of study is designed to develop entry-level skills appropriate to an area of specialization in information systems. Students will achieve proficiency in the use of software packages in the area of either data base, word processing, spreadsheets or presentation/desktop publishing.

Prerequisite: Successful completion of Business Computer Applications and Keyboarding and Information Processing (possible EDGE credit)

BUSINESS LAW

WVEIS Code 1417

This course focuses on the impact of law as it relates to business and individuals. Students will examine criminal and civil law with a concentration on consumer, contract, property, and employment laws while assessing ethics as they relate to each.

Prerequisite: None

DOCUMENT PROCESSING

WVEIS Code 1433

This course will provide students the opportunity to obtain lifelong document processing skills through hands-on learning situations by utilizing a variety of software functions. Classroom experiences also provide for skill development in visual and oral communication.

Prerequisite: Successful completion of Keyboard and Information Processing

INTRODUCTION TO BUSINESS AND MARKETING

WVEIS Code 1439

This course is an introduction course which explores careers in business and marketing, the role of marketing in today's business world, and a broad overview of economics.

Prerequisite: None

KEYBOARDING AND INFORMATION PROCESSING

WVEIS Code 1441

A one-term course designed to provide learners with keyboarding skills required for success in academic and occupational areas. Concepts in the area include keyboard operation, formatting skills, computer skills, appropriate work habits, and career awareness.

Prerequisite: None (possible EDGE credit)

MANAGEMENT AND ENTREPRENEURSHIP

WVEIS Code 1445

This course provides a background for the development and operation of a business starting with the role of the entrepreneur in our economy to development of a business plan and the application of specific market skills and concepts within the business environment. This course also explores the planning, organizing, and controlling of a business, including organizational and human aspects, with emphasis on various theories of management, the knowledge and understanding necessary for managing people and functions, and decision making.

Prerequisite: None (possible EDGE credit)

OFFICE MANAGEMENT

WVEIS Code 1449

This area of study is designed to aid students in becoming skillful in the operation of an office. Major instructional areas include personal development and employability skills; managing records; processing mail; communication duties; keeping financial records; applying computing, accounting, and data skills; processing business correspondence; operating office equipment, using management skills, and completing office support activities.

Prerequisite: Successful completion of Keyboarding and Information Processing (possible EDGE credit)

BASIC ILLUSTRATION-GRAPHIC DESIGNS

WVEIS Code 1851

This course will introduce students to the basic fundamentals of safety, design elements, medium and art tool exploration, perspective, shading techniques, and various printing methods.

TEACHER CADET PROGRAM

WVEIS Code 2221

The Teacher Cadet Program is an introduction or orientation to the teaching profession and encourages academically capable students who possess exemplary interpersonal and leadership skills to consider teaching as a career. Requires participation in field experiences, observing partner schools at the elementary, middle, and secondary levels and designing and delivering instruction to students in their chosen school approximately 17 times during the semester.

Teacher cadet students, typically seniors, are chosen through an application process; must have minimum 3.0 GPA and letters of recommendation from 5 teachers.

ALGEBRA I

WVEIS Code 3021

Algebra I is a course that provides the gateway to all higher mathematics courses. This course uses a conceptual approach to mathematics and does not focus on algorithmic methods. Algebraic representations will be used to generalize, and the algebraic method will be viewed as a problem-solving tool. In planning for instruction, consideration should be given to the student's readiness for abstract concepts. Manipulatives, such as algebra tiles, should be used to bridge the gap from the concrete to the abstract. Available technology such as calculators, computers, and graphing utilities are to be used as tools to enhance learning.

Prerequisite: 8th grade Algebra - see Policy I-22

9th grade Algebra - None - Policy I-22 has some recommendations

APPLIED MATHEMATICS I

WVEIS Code 3022

Applied Mathematics I and Applied Mathematics II reflect the content of a complete course in Applied Mathematics. Applied Mathematics I is the first half of the Applied Mathematics course. One Applied Mathematics credit will be given for successful completion of this course. Upon successful completion of both courses, Algebra I credit will be given. Applied Mathematics I is a lab-based course taught with teacher-led, concrete activities. This course is designed to develop algebraic concepts applicable in the workplace as well as in traditional areas.

Prerequisite: None

APPLIED MATHEMATICS II

WVEIS Code 3023

Applied Mathematics II is the second half of the Applied Mathematics course. Upon successful completion of both courses, Algebra I credit will be given. Algebraic concepts will be taught using laboratory activities based on several strategies that include the use of the graphing calculator. Working in groups will be used to develop problem-solving skills and social skills needed in the workplace as well as in traditional areas.

Prerequisite: Successful completion of Applied Mathematics I

AP CALCULUS

WVEIS Code 3031

AP STATISTICS ALGEBRA II

**WVEIS Code 3033
WVEIS Code 3041**

It is an underlying assumption that a mastery of Algebra I has been achieved since Algebra II continues the study of concepts introduced in Algebra I. Graphing calculators are an integral part of instruction in the Algebra II objectives. Students will have the opportunity to make conjectures and test them by using any graphing utility. Manipulatives and other available technology should be used as appropriate.

Prerequisite: Successful completion of Algebra I

ALGEBRA/GEOMETRY PREPARATION

WVEIS Code 3042

Algebra/Geometry Preparation is an elective course designed to be a bridge between the concrete elementary curriculum and the more formal mathematical curriculum ahead. In this course, students will explore algebraic concepts in an informal way to build a foundation for subsequent formal study of algebra. Such informal explorations would emphasize physical models, data, graphs, and other mathematical representations rather than facility with formal algebraic manipulations. The study of geometry is to assist students to represent and make sense of the world. Geometric models will provide a

perspective from which students are to analyze and solve problems, and geometric interpretations are to help make abstract representations more easily understood. The study of geometry at this level should simply provide increased opportunities for students to engage in more systematic exploration. Algebra/Geometry preparation may be counted as one of the three mathematics courses required for graduation.

Prerequisite: None

APPLIED GEOMETRY/GEOMETRY

WVEIS Code 3043, 3045

Applied Geometry is a course for students who have successfully completed the objectives of Algebra I. Upon completion of this course, a geometry credit will be given. Applied Geometry will use manipulative to enhance the understanding of geometric concepts and terminology. Working in groups will allow students to analyze applications of geometry in their lives and in the workplace. Concepts will be taught using laboratory activities including the use of tools such as the graphing calculator and the Geometer's Sketchpad. The objectives for Applied Geometry will be the same as those for Geometry.

Geometry is a course designed for students who have successfully completed the objectives for Algebra I. The study of geometry should include experiences and activities that foster in students a feeling for the value of geometry in their lives. Students should be encouraged to develop conjectures by inductive processes using manipulatives and computer software such as Geometer's Sketchpad. Cooperative learning groups are particularly effective in allowing students to become proficient in analyzing conjectures and in formulating proofs. Emphasis should be placed on applications to the workplace and everyday life and on connections to other branches of mathematics and other disciplines

Prerequisite: Successful completion of Algebra I

CONCEPTUAL MATHEMATICS

WVEIS Code 3044

Conceptual Mathematics is a one-year course for students who have successfully completed the objectives for geometry. A liberal arts background has long been regarded as essential to a well-rounded education, and mathematics is certainly a vital component of such a background. This course will include major topics from algebra and geometry and will extend these ideas to practical usage. Basic ideas of probability and statistics and the mathematics of finance will also be included. These, along with other concepts, will be presented in the context of their historical development. Students will be encouraged to be active learners either in cooperative groups or as individuals. It is the purpose of this course to expose students to topics in mathematics that are relevant to any educated person. Full integration of graphing calculators and computer applications such as spread sheets, database, and Internet use, is essential to effectively master the objectives of this course.

Prerequisite:

PRE-CALCULUS

WVEIS Code 3046

Pre-CALCULUS is intended for students who have mastered the concepts of Algebra II. It will extend students' knowledge of functions as well as provide appropriate preparation for a calculus course. Available technology will be used by students and teachers to enhance learning. Graphing utilities are powerful tools for solving and verifying equations and inequalities. They also aid in investigating functions and their inverses.

Prerequisite: Successful completion of Trigonometry

PROBABILITY AND STATISTICS

WVEIS Code 3047

Probability and Statistics is one of the most important branches of the mathematical sciences. Knowledge of these topics is critical to decision making and to the analysis of data. Using concepts of probability and statistics, individuals are able to predict the likelihood of an event occurring, organize and evaluate data, and identify the significance of statements. Connections between content and applications to the students' world will be emphasized.

Prerequisites: Successful completion of Algebra I and Geometry

TRIGONOMETRY

WVEIS Code 3048

Trigonometry is designed for students who have successfully completed Algebra II. Connections between right-triangle trigonometry and circular functions should be emphasized. Graphing utilities such as calculators and computers will be used to enhance student learning and to aid in finding the values of trigonometric functions and their inverses.

Prerequisite: Successful completion of Algebra II (possible EDGE credit)

BASIC MATH

WVEIS Code 3114

CALCULUS

WVEIS Code 3144

INTEGRATED MATH AND SCIENCE (Summer Lab)

WVEIS Code 3145

The Integrated math and Science (summer lab) is a cross-curricular course currently taught all day in a two-week program that combines the goals and objectives of Algebra/Geometry Preparation, Applied Mathematics I, Algebra I, Geometry and applied Geometry with those of Coordinated Science 9 & 10 and Environmental Earth Science. This course utilizes the Jostens computer lab, hands-on math and science laboratory experiments, journal keeping and daily review of basic math skills to develop a better understanding of the relationship of this course to live experiences and the connections between mathematics and science. Guest speakers stress the important topics of work ethic, workplace readiness skills and enjoyment of work and the application of these course objectives to the workplace. A student must attend three consecutive summer programs to receive one elective credit.

Prerequisite: None

STUDIO ART ADVANCED PLACEMENT

WVEIS Code 3222

The two Studio Art portfolios are designed for students who are seriously interested in the practical experience of art. Advanced Placement Studio Art is not based on a written examination; instead, students submit portfolios for evaluation at the end of the school year.

The instructional goals of the AP Studio Art program can be described as follows:

- encourage creative as well as systematic investigation of formal and conceptual issues
- emphasize making art as an ongoing process that involves the student in informed and critical decision-making
- develop technical skills and familiarize students with the functions of the visual elements

Since no standard, universally valid art studio art course can or should exist, the Development Committee in Advanced Placement Studio art has chosen to suggest guidelines for the submission of an AP portfolio rather than to delineate a specific course.

AP courses should address three major concerns that are constants in the teaching of art: (1) a sense of quality in a student's work; (2) the student's concentration on a particular visual interest or problem; and (3) the student's need for breadth of experience in the formal, technical, and expressive means of the artist. AP work should reflect these three areas of concern: quality, concentration, and breadth.

Prerequisite: Successful completion of Drawing I and Painting I

STUDIO ART I

WVEIS Code 3241

Studio art electives provide in-depth study in selected media, techniques, and processes. The following overall expectations should encompass the proficient level instructional goals and the instructional objectives: proficiency of craftsmanship; participation in field experiences; incorporation of modern technology when applicable; study of art careers and related professions; proficient skills in the use of related vocabulary and knowledge of the media; and safe and responsible care and use of equipment, tools, and materials.

Studio art electives may include but are not limited to the following courses taught at the proficiency level: air brush, animation, architecture, batik, calligraphy, ceramics, color and design, commercial art, computer graphics, crafts, design principles, drawing, electronic imaging, ethnic art, folk art, fiber arts, functional design, graphic design, jewelry, mixed media, painting, photography, printmaking, sculpture, stage design, and stained glass.

Prerequisite:

STUDIO ART II

WVEIS Code 3242

Studio art electives provide in-depth study in selected media, techniques, and process. These instructional objectives address offerings for which prerequisites or teacher recommendations are required. The following overall expectations should encompass the advanced level instruction goals and the instructional objectives: advanced level of craftsmanship; participation in field experiences; incorporation of modern technology where applicable; study of art careers and related professions; advanced level skills in the use of related vocabulary and knowledge of the media; and the safe and responsible care and use of equipment, tools, and materials.

Studio art electives may include, but are not limited to, the following courses taught at the advanced level: studio art; advanced placement; air brush; animation; architecture; batik; calligraphy; ceramics; color and design; commercial art; computer graphics; crafts; design principles; drawing; electronic imaging; ethnic art; folk art; fiber arts; functional design; graphic design; jewelry; mixed media; painting; photography; printmaking; sculpture; special topics, state design; and stained glass.

Prerequisite: School decision and teacher approval

SCULPTURE/3D DESIGN / SCULPTURE II

WVEIS Code 3337 / 3338

Sculpture I students will work with a variety of media with emphasis on clay in the make up of this class. The study of safety procedures and techniques in the use of materials and tools related to the following materials: clay, plasta, wood, and found objects. Students will produce the following projects: whistle, slab clay sculpture or pottery, coil clay sculpture or pottery, armature built sculpture, mound clay built sculpture, wheel built pottery, mask, tiles, beads, relief sculpture, and mix media structures. Also, students will be introduced to glazing processes; commercial, salt and wood ash.

Prerequisite: Successful completion of Drawing I

Sculpture II students will work from a contract developed by instructor and student. The sculpture contract is related to the areas studied in Sculpture I. The emphasis is to a body of work related to a concentration on a media or theme. Students are required to maintain a sketchbook.

Prerequisite: Successful completion of Drawing I and Sculpture I

PHOTOGRAPHY I / PHOTOGRAPHY II

WVEIS Code 3343 / 3344

Photography I and II is the study of art through the view of camera work. Major emphasis is place don the knowledge and use of the camera, lens accessories, film, exposure, composition, processing black/white film, printing and finishing, filters, basic lighting, flash photography, and composition and print quality. Applied Photography, History of Photography, Photography and You, Photography and the law and Color Photography are units taught. Lab work will be dealing with contact sheets, printing, enlarging and

correcting and correct mounting and presentation. Students will submit photo projects and assignments as a part of the expectations of the course.

Prerequisite: Student must have a 35 mm camera

DANCE I (Grade 9)

WVEIS Code: 3401

Ninth-grade dance will focus on technical skills. In addition, the major principles of choreography and the higher-level thinking skills necessary to employ dance as an effective means of communication will be a central part of the curriculum.

Prerequisite: None

DANCE II (Grade 10)

WVEIS Code 3402

On the tenth-grade level, students studying dance will concentrate on comparing and contrasting dances of various cultures and historical periods, as well as making connections between dance and other disciplines. Emphasis will be placed on dance as a means of developing and maintaining a healthy lifestyle.

Prerequisite: Successful completion of Dance I

DANCE III (Grade 11)

WVEIS Code 3403

Eleventh-grade dance will stress practice in performing technical and choreographical skills necessary for artful presentation. Emphasis will be placed on the relationship of dance to careers. Research of dance history and artists will be an integral part of this year of study.

Prerequisite: Successful completion of Dance II

DANCE IV (Grade 12)

WVEIS Code 3404

Creating and performing dance is the major emphasis of dance study on the twelfth grade level. The creative process will be studied and students will develop an awareness of dance and its place in the present and future culture.

Prerequisite: Successful completion of Dance III

BAND I - IV

WVEIS Code 3611/3612/3613/3614

General Band courses develop technique for playing brass, woodwind, and percussion instruments, and cover a variety of non-specified band literature styles (concert, marching, orchestral, and modern styles).

Prerequisite:

BAND V - VIII

WVEIS Code 3615/3616/3617/3618

CHORUS

WVEIS Code 3620

Mixed Chorus is open to any student who has a special interest in singing. The class should enable a student to express himself/herself through song. It should provide a rich and rewarding experience.

The vocal music program will help to develop each student's personal attributes, develop teamwork, provide skills necessary to meet superior standards of performance, provide a means of attaining desirable emotions through a variety of music literature, and to become more discriminating listeners and performers.

Prerequisite: Teacher approved

CHORUS I

WVEIS Code 3621

Students will add to their singing skills by demonstrating proper breathing and dynamics in musical phrases. The students will improvise harmonies and melodies while participating in a four-part, full choral

ensemble. They will create a glossary of music terms and refine their criteria for evaluating choral performances. Students will compare choral music with other arts from the same historical period or culture, classify choral works on a music timeline, and identify the varied consistency in developmental levels of performance.

Prerequisite: None

CHORUS II

WVEIS Code 3622

The student will continue to improve and expand proper singing techniques. Attention will be given to singing from memory, singing in a chorus from an oratorio and double-choir compositions. The knowledge of musical terminology, notation, and symbols will be enhanced through the study of choral scores. Students will study the evolution of American Jazz and the role of musicians in the twentieth century.

Prerequisite: Successful completion of Chorus I

CHORUS III, IV

WVEIS Code 3623 /3624

Prerequisite: Successful completion of Chorus II, III

Instrumental Music I,II,III,IV

WVEIS Code 3641/3642/3643/3644

The gap between individual practice and the large band class can most effectively be filled by the Instrumental Music class. The full band rehearsal routine is general by nature. The Instrumental Music class helps to develop the skills necessary for good intonation, phrasing, tone quality, rhythmic accuracy and technical achievement.

Prerequisite: None

PIANO I

WVEIS Code 3681

Students use correct wrist, hand, and body positions in playing major scales, block and broken chord patterns, cadences using the I, IV, and V chords, and simple pieces in major keys. They compose melodies with block chord accomplishment. Sight reading in treble and bass clefs is practiced and evaluation skills are developed. The physical properties of sound, the evolution of blues piano literature, and composers of the Baroque, Classical, and Romantic periods are studied.

Prerequisite: None

GUITAR I, II

WVEIS Code 3726/3727

This level of the elective area of study provides for the development of the correct basic playing skills of the guitar. Skills will include correct hand position, tuning, strumming, chords, and interpretation of musical notation. Some of these IGOs are taken from the West Virginia descriptors of Folk Music I with the remainder from the *H.O.T. Hands-On Training* first year guitar textbook by Nancy Lee Marsters. Guitar II instruction provides for further study and refinement of playing skills and the ability to make music, alone and with others.

Prerequisite: Students must obtain a guitar and instructional textbook

INSTRUMENTAL ENSEMBLES

WVEIS Code 3741

These courses are intended to develop technique for playing brass, woodwind, percussion (e.g. steel band), and/or string instruments in small ensemble groups. Instrumental Ensemble courses cover one or more instrumental ensemble or band literature styles.

Prerequisite:

HANDBELLS

WVEIS Code 3743

01 -Handbells 1 02 - Handbells 2
03 Handbells 3 04 - Handbells 4
05- Handbells 5 06- Handbells 6
07- Handbells 7 08 - Handbells 8

- Handbells 1 student will explore beat, rhythm and basic techniques used in Ringing Level 1 music, as defined by the grading system established by the American Guild of English Handbell Ringers (AGEHR)
- Handbells 2 student will explore beat, rhythm and techniques used in Ringing Level 2 as defined by the grading system established by AGEHR
- Handbells 3 student will explore beat, rhythm and basic and intermediate skills and techniques used in Ringing 3 music, as defined by the grading system established by AGEHR
- Handbells 4 student will explore beat, rhythm and intermediate techniques used in Ringing Level 4 music, as defined by the grading system established by AGEHR
- Handbells 5 student will explore simple and complex beat, simple and complex rhythm and intermediate techniques used in Ringing Level 5 music, as defined by the grading system established by AGEHR
- Handbells 6 student will explore advanced beat, rhythm patterns and advanced techniques used in Ringing Level 6 music, as defined by the grading system established by AGEHR
- Handbells 7 Small Ensemble Ringing - student performer will explore musical elements and techniques involved in rehearsing and performing in small ensembles. An emphasis on cooperative learning will be a foundation of this level. Transcriptions of classical literature, as well as folk and original compositions, will be explored.
- Handbells 8 student performer will explore musical elements and techniques involved in rehearsing and performing as a soloist with an accompanist. will be encourage at this level. Transcriptions of other solo literature will be explored.

Handbells 1-8 goals and objectives were created, compiled and edited and is COPYRIGHT September 1999 by Timothy H. Waugh. Duplication without permission is a violation of the copyright laws.

Prerequisite: Successful completion of previous levels of ringing

BAND-CONTEMPORARY

WVEIS Code 3744

Contemporary Band courses develop technique for playing brass, woodwind, percussion, and string instruments, as well as guitar and keyboard, focusing primarily on contemporary stage band literature styles, such as traditional jazz, jazz improvisation, and rock.

Prerequisite:

MUSIC HISTORY APPRECIATION

WVEIS Code 3746

General Music, Music Appreciation, Humanities, Fine Arts, and Music History courses at the high school level provide opportunities for non-performing students to examine the basic elements of music (melody, harmony/texture, form, rhythm, tempo, dynamics, and timbre) while participating in the musical processes of singing, playing, improvising/creating, listening to and analyzing music of many genres and styles.

Prerequisite: None

MUSIC THEORY

WVEIS Code 3756

High school Music Theory, Composition, and Arranging courses are designed to challenge the most advanced music majors. Emphasis is upon the creation of original pieces, improvisation, and effective use of instruments and voices in a variety of musical styles. Students learn to use the computer as a tool for composing, transposing, and transcribing music.

Prerequisite: Grade 11 or 12

SHOW CHOIR

WVEIS Code 3767

Students will utilize choreography, costuming, stage lighting, and drama to enhance vocal text of a varied

program including , not exclusive to, jazz, swing, rock, Latin, Broadway, patriotic, soul, rhythm and blues, and novelty selections. Students will attend and preform in competitive rating festivals and will broaden the knowledge base through these performances and by watching the performance/show choir techniques of other performers/directors.

Prerequisite: Selection through audition

GIRLS' SHOW CHOIR

WVEIS Code 3768

Vocal Ensemble courses are intended to develop vocal techniques and the ability to sing parts in small ensemble (e.g. Show Choir). The course goals may include the development of solo singing ability; one or several ensemble literature styles may be emphasized.

Prerequisite:

MADRIGALS

WVEIS Code 3769

Vocal Ensemble courses are intended to develop vocal techniques and the ability to sing parts in small ensemble (e.g. Show Choir) or madrigal groups. The course goals may include the development of solo singing ability; one or several ensemble literature styles may be emphasized.

Prerequisite:

CHORALE/SHOW CHOIR/VOCAL ENSEMBLES

WVEIS Code 3770

Prerequisite: Selection through audition

THEATRE I

WVEIS Code 3801

Upon successful completion of Theatre I, students will be able to analyze play texts as well as identify contemporary styles of theatre/drama and depict characters in them. Students will identify basic properties of technical theatre and demonstrate technical knowledge and skills. They will explore multiple interpretations for production ideas and research how the nondramatic art forms enhance a theatre production. Other areas studied include a variety of cultures and historical periods related to theatre.

Prerequisite: May be audition in some schools

THEATRE II

WVEIS Code 3802

Theatre II students write, perform, and evaluate theatre productions, identify and demonstrate selected historical style of theatre/drama, and perform contemporary and classical characters' parts. Students explain basic properties of technical theatre and apply that knowledge and skill. They develop multiple interpretations for production choices and explain how other art forms enhance a theatre production. Analysis and critique of dramatic performances is required.

Prerequisite: Successful completion of Theatre I

THEATRE III

WVEIS Code 3803

Theatre III students will collaborate in developing original dramatic pieces or short plays and will demonstrate ensemble in rehearsing and performing informal and formal theatre works. They will identify how scientific and technological advances have impacted theatre and will assist directors in developing production concepts. Students will also assist in creating and implementing a production.

Prerequisite: Successful completion of Theatre II

THEATRE IV

WVEIS Code 3804

Theatre IV students will write scripts for multi-media productions and will demonstrate artistic discipline to achieve ensemble in rehearsal and performance of informal and formal theatre works as well as film, television, or electronic media. They will explain how scientific and technological advances have impacted theatre, and will collaborate with directors to develop unified production concepts. Students will collaborate with designers and actors, and will be able to demonstrate direction skills.

GRADE 9 ENGLISH LANGUAGE ARTS

WVEIS Code 4009

English Language Arts Nine will focus on the effective use of written language in educational and occupational endeavors and interpersonal communication. Instructional delivery will be enhanced by computer technology. Frequent interaction with a broad array of quality literature will encourage an appreciation for the power of the spoken and written word. Test data will provide direction and focus for prioritizing the instructional objectives that will be needed to ensure student mastery.

Prerequisite: None

GRADE 10 ENGLISH LANGUAGE ARTS

WVEIS Code 4010

The English Language Arts Ten emphasis will be on the use of written language for educational, occupational, and personal endeavors. Preparation will include critiquing oral presentations and using speaking and listening while reading and writing. Instructional delivery will be enhanced by computer technology. Frequent interaction with a broadened array of literature will encourage an increased appreciation for the power of the spoken and written word. Testing data will provide direction and focus for prioritizing the instructional objectives that will ensure student mastery.

Prerequisite: Successful completion of English 9

GRADE 11 ENGLISH LANGUAGE ARTS

WVEIS Code 4011

In English Language Arts Eleven, fundamental literary and communication skills are refined and enhanced. Indeed, English Language Arts Eleven represents another leap in academic rigor and depth. In addition, career formalization, including college entrance exam preparation and workplace readiness skills, becomes a primary focus. Student proficiency will be diagnosed to determine instructional priorities. As the need for challenging research skills become more vital, the incorporation of technology will be emphasized.

Prerequisite: Successful completion of English 10

GRADE 12 ENGLISH LANGUAGE ARTS

WVEIS Code 4012

English Language Arts Twelve provides focus and polish in personal goals and academic proficiency.

Experiences such as a senior project will culminate the twelve-year career. Readiness for the workplace or post-secondary education is the final reality check. The expansion and appreciation of language and literature is the focus of the senior year.

Prerequisite: Successful completion of English 11

ADVANCED COMMUNICATIONS

WVEIS Code 4021

Advanced communications will focus on the application of written and oral communication skills through a variety of informal and formal experiences. The performance-based course will emphasize effective interpersonal and team-building skills. Technology will be used to create and deliver presentations, to extend problem-solving situations, and to practice critical thinking and decision making. Research strategies such as a research paper could culminate this course. This class will meet the 5th English credit requirement. The research in the class may not be the same as a student's senior project.

Prerequisite:

CREATIVE WRITING I

WVEIS Code 4022

This course is designed for any student who wishes to write about what he or she feels, not just what he or she knows. Students write poetry, short stories, one act plays and narratives in an environment which emphasizes high involvement and reduced anxieties. Through sharing ideas and editing rough drafts to produce final copies, students will build writing strategies and improve writing skills.

Prerequisite: Successful completion of English 9

AP ENGLISH LANGUAGE AND COMPOSITION (ENG. 11)

WVEIS Code 4041

AP Language and Composition teaches eleventh grade students how to read and write critically. Encompassing both an enhanced English 11 curriculum and college freshman English, this accelerated course requires student to: 1) read and respond to written fiction and nonfiction, emphasizing (but not limited to) American literature from the Colonial Period to the present; 2) write fluently in a variety of discourse styles; 3) recognize the requirements of audience and purpose, including historical context, and, 4) examine stylistic elements (i.e. diction, tone, syntax, figurative language). The enhanced English 11 component addresses the state instructional goals and objectives, including listening and speaking skills, reading skills, writing skills, language skills, and study skills. In each of these areas, the academically advanced AP students are challenged to go beyond basic skills to high achievement levels, including preparation for the AP English Language and Composition exam, PSAT, ACT, and SAT. The college freshman English component incorporates an in-depth study of the major patterns of development (narration, description, example, comparison/contrast, division/classification, definition, process analysis, and argument/persuasion), including reading appropriate nonfiction and writing essay in each pattern.

Prerequisite: Recommendation of English 10 teacher / Summer reading

AP LITERATURE AND COMPOSITION/ENGLISH 12

WVEIS Code 4042

The Advanced Placement English 12 course in Literature and Composition engages students in the careful reading and critical analysis of imaginative literature. Through the close reading of selected texts, students deepen their understanding of the way poets, novelists, and playwrights use language to provide both meaning and pleasure for their readers. As they read, students consider a work's structure, style, and

themes as well as such smaller-scale elements as the use of figurative language, imagery, symbolism, and tone. The course includes intensive study of representative works from various genres and periods, concentrating on works of recognized literary merit.

Writing is an integral part of the AP Literature and composition course, for the AP examination is weighted toward student writing about literature. Writing assignments focus on the critical analysis of literature and include expository, analytical, and argumentative essays. Students also complete a Senior Project, including a research paper, product, and oral presentation.

Prerequisite: "B" average in Honors English 11 or satisfactory writing sample for students not previously enrolled in Honors English course. Summer reading list.

01 JOURNALISM I / 02 JOURNALISM II

WVEIS Code 4051

Journalism I introduces the concept of mass media but focuses on the study of newspaper. Students learn to write all types of stories, learn about design and layout, advertising, and the history of newspapers in the United States. Students are asked to read the newspaper daily, examine writing critically, to distinguish between fact and opinion, and to recognize the need for ethics in gathering and presenting the news. Since the main focus of the class is writing news, features, editorials, columns, sports, and speciality items, students should understand that a great deal of writing will be done.

Journalism II focuses on forms of media other than newspaper. Magazine, radio, television, and advertising are main areas of study. Students critically examine these media forms and their impact on society. Students write magazine articles, radio and television scripts, advertisements, and prepare a research-based writing on a journalistic topic of choice.

*Prerequisite: Successful completion of English 9 for Journalism I
Successful completion Journalism I for Journalism II*

01 Journalism Video I 03 Journalism Video III 05 Journalism Video V

02 Journalism Video II 04 Journalism Video IV 06 Journalism Video VI

WVEIS Code 4061

Media Production is a course designed to teach students the art of producing video and/or audio productions for daily news broadcasts, for documentaries for local businesses, and for public service announcements. Students will be actively involved in writing scripts, operating video and/or audio equipment, learning editing techniques, acting as co-anchors, marketing, and becoming ambassadors for media in the school. This course will act as elective in a hands-on curriculum that will lead to a career in broadcasting. This course will be a two-tem course limited to a select number of students who are in their sophomore, junior, or senior year. Teacher recommendation and a designated career choice in broadcasting are requirements. Media Production was previously approved by the Board as a fifth English elective credit under the title Video-Broadcast Communications.

Prerequisite:

SCHOOL NEWSPAPER

WVEIS Code 4066

The newspaper class is a student-managed publication class designed to produce a newspaper and/or newsmagazine. All aspects of production are learned in this hands-on experience including news gathering, newspaper writing, editing, layout and design, advertising sales and advertising design, circulation, and business management. Students learn to be self-motivated and responsible as the newspaper requires a

team effort. The newspaper class provides a forum for the exchange of ideas. Students learn to accept the responsibilities of a student publication within an ethical framework. This class counts as a fifth English elective credit.

Prerequisite: Successful completion of English 9 and Journalism I

YEARBOOK

WVEIS Code 4071

These courses explore both process and product in yearbook development. Students integrate skills from language arts, visual arts, and business to design, finance, and produce a quality student publication. Emphasis is placed upon student direction and/or involvement in all aspects of the publication. The teacher serves as advisor and facilitator.

Prerequisite: Successful completion of English 10 and teacher recommendation

SPEECH/ORAL COMMUNICATION

WVEIS Code 4076

Public speaking courses enable students, through practice, to develop communication skills for a variety of speaking situations (such as small and large group discussions, delivery of lectures or speeches in front of audiences, etc.) Course topics may include, but are not limited to, research and organization, writing for verbal delivery, stylistic choices, visual and presentation skills, analysis and critique, and development of self-confidence.

Prerequisite:

COLLEGE ENGLISH 101 & 102

WVEIS CODE 4109/4110

APPALACHIAN LITERATURE

WVEIS Code 4138

Appalachian Literature, offered within the Language Arts curriculum, focuses on the unique qualities of the language, literature, and culture contained within the geographical area of the Appalachian Mountains.

Prerequisite: None

LITERATURE (LOWER LEVEL)

WVEIS Code 4143

Literature (lower level) courses are designed for freshmen and/or sophomores and typically introduce two or more genres of literature (novel, short story, poetry, etc.). Exploration of each genre's literary elements, determination of theme and intent, and vocabulary and semantics are often included as part of the course content. Writing assignments may be required as an additional method to improve understanding and comprehension.

Prerequisite:

LITERATURE (UPPER LEVEL)

WVEIS Code 4150

Literature (upper level) courses are designed for juniors and/or seniors and emphasize comprehension, discernment, and critical thinking skills in the reading of texts and literature. More advanced literary techniques (irony, satire, humor, connotation, tone, rhythm, symbolism, etc.) are introduced and explored through two or more literary genres, with the aim of creating sophisticated readers. Writing assignments may be required as an additional method to develop and improve critical thinking and analytic skills.

Prerequisite:

CRITICAL VIEWING

WVEIS Code 4158

Critical Viewing is a course designed to help students intelligently deal with movie and television programming. Topics to be studied include television violence, ethics in news reporting, and film and television as impacting society or as cultural reflections. This class should heighten students' awareness of the effects that media have on lives – from forming opinions to purchasing products – and should help students to make better decisions knowing they are greatly influenced by television and film. The class is open to only identified grade levels and counts as a fifth English elective for graduation.

Prerequisite: Be in Grade 11 or Grade 12

SENIOR PROJECT

WVEIS Code 4163

The Senior Project is a three-faceted production. The first component is a research paper related to the student's chosen career and completed during English class. The second component requires student to produce a product/presentation relating to the research paper. The product will be done outside of class with a minimum of 15 hours of verified work. The third component is an oral presentation that tells the story of the research and product. Student will make presentation before a senior panel by the end of the term in which they have senior English. The Senior Project will count as a required credit for graduation.

TECHNICAL WRITING

WVEIS Code 4171

The Technical Writing Program, offered within the curriculum of English Language Arts on the secondary level, focuses on the personal goals and academic proficiency of the students who elect to take this course. Upon their completion of secondary level classes, students expect to find a position in the workforce or to continue studies in a variety of education activities. Communication Skills taught in Technical Writing are lifetime techniques which reflect and reinforce many other secondary level experiences.

Prerequisite: Successful completion of English 9

FOREIGN LANGUAGES LEVEL I

WVEIS Code

5621 - French I 5631 - German I 5641 - Latin I
5661 - Spanish I 5671 - Japanese I

The level I course in modern foreign languages allows students to comprehend and produce simple, short sentences and ideas using memorized words and phrases in the target language. Topics of reading and conversation center around immediate concerns and interests. Comprehension is generally more developed than language production. Basic communicative tasks are facilitated by memorizing patterns, resulting in fewer errors.

Since the key to communicating with the ancient world is reading, students in a level I classical language course are oriented to the language through simple primary sources and passages which use appropriate levels of vocabulary and structure. Reading comprehension is enhanced by repeating, reading aloud, reciting and writing simple sentences.

During level I study, in both modern and classical languages, students also learn to recognize people, products and viewpoints of the target culture and begin to compare native and target cultures. Students are introduced to ways in which the target language is connected to the native language, to other disciplines and to resources beyond the classroom.

Prerequisite: None

FOREIGN LANGUAGES LEVEL II

WVEIS Code

5622 - French II 5632 - German II 5642 - Latin II
5662 - Spanish II 5672 - Japanese II

The level II course in both modern and classical foreign languages expands the students' knowledge of structure and vocabulary so they can understand and produce more complex ideas in the target language. Students become increasingly confident in working with authentic materials. Students identify the products, practices and viewpoints of the target culture and learn to discuss generalizations about that culture. Level II students are more aware of similarities and differences between target and native languages and cultures. They also become more adept at using information and skills common to the target language which could be transferred to other disciplines.

Prerequisite: Successful completion of level I

FOREIGN LANGUAGE LEVEL III

WVEIS Code

5623 - French III 5633 - German III 5643 - Latin III
5663 - Spanish III 5673 - Japanese III

The level III course in both modern and classical languages prepare students to understand short passages and authentic texts on familiar topics and themes using learned vocabulary, structures and context clues. In modern language classes, students create short messages, letters and simple conversations from sentence through paragraph length using past, present, and future time. As they develop a more sophisticated understanding of the target culture, level III modern and classical language student discuss, analyze and explain various cultural aspects. They interpret cultural connotations of common linguistic items and in, the modern languages, begin to incorporate appropriate behaviors and gestures in language use. Students transfer information, skills and resources from the target language to other disciplines and vice versa. They seek opportunities to use or apply the target language outside the school environment.

Prerequisite: Successful completion of levels I and II

FOREIGN LANGUAGES LEVEL IV

WVEIS Code

5624 - French IV 5634 - German IV 5644 - Latin IV
5664 - Spanish IV 5674 - Japanese IV

In modern foreign languages, level IV students initiate, sustain and bring to closure a wide variety of communicative tasks. They begin to solve problems using the language and acquire new knowledge from authentic sources. Students at this level demonstrate an increased ability to express chronology and abstract ideas.

Since Latin students in level III begin to use authentic materials almost exclusively, level IV students continue to use the Latin texts to refine skills of comprehension, analysis, interpretation and translation.

As students in both modern and classical languages continue to expand their knowledge of various aspects of the target culture(s), they also apply, evaluate, explain and integrate this information. By the fourth year of study, students are able to synthesize and apply information from target language sources to other disciplines and vice versa. They independently locate target language resources and opportunities to expand language use beyond the classroom experiences.

Prerequisite: Successful completion of levels I, II and III

LIBRARY SCIENCE

WVEIS Code

5911-Library Science I
5912-Library Science II

In the library science courses, an elective for grades 9-12, fundamental organizational and practicum skills

are utilized. Emphasis is placed on library use of print and nonprint materials, as well as, Internet for enhancing research skills. The Process/workplace goals of the State are stressed throughout the curriculum in relationship to assigned jobs in the Library Science course.

Prerequisite: Successful completion of Library Science I for Library Science II

COORDINATED AND THEMATIC SCIENCE 9

WVEIS Code 6009

The Coordinated and Thematic Science (CATS) Nine objectives continue the development of foundational knowledge in biology, chemistry, physics, and the earth sciences. Through a spiraling, inquire-based program of study, all students will demonstrate scientific literacy across these major fields of science. The subject matter is delivered through a coordinated, integrated approach with an emphasis of the development of the major science themes of systems, changes, and models. Students will engage in active inquiries, investigations, and hands-on activities for a minimum of 50 percent of the instructional time to develop conceptual understanding and research/laboratory skills. Safety instruction is integrated in all activities. Building on the knowledge and skills acquired in CATS Eight, students in CATS Nine will expand and deepen their understanding of major concepts such as energy interactions, genetic probabilities, chemical changes, and mineral composition of local rock layers.

Prerequisite: None

COORDINATED AND THEMATIC SCIENCE 10

WVEIS Code 6010

The Coordinated and Thematic Science (CATS) Ten objectives conclude the development of foundational knowledge of biology, chemistry, physics, and the earth sciences. Through the spiraling, inquiry-based program of study, all students will demonstrate scientific literacy across these major fields of science. The subject matter is delivered through a coordinated, integrated approach with an emphasis on the development of the major science themes of systems, changes, and models. Students will engage in active inquiries, investigations, and hands-on activities for a minimum of 50 percent of the instructional time to develop conceptual understanding and research laboratory skills. Safety instruction is integrated in all activities. Building on the knowledge and skills acquired in CATS Nine, students in CATS Ten will expand their depth of understanding of major concepts such as energy transformation qualifications, molecular genetics, embryology, physical, chemical and nuclear changes, mineral extraction techniques, and environmental concerns.

Prerequisite: Successful completion of Coordinated and thematic Science 9

BIOLOGY TECHNICAL CONCEPTUAL 11/12

WVEIS Code 6101

This is an advanced level course designed for students who have completed Coordinated and thematic Science (CATS) 10 and desire a broader, in-depth study of the content found in many biological fields of endeavor. This course is designed to build upon and extend the Biology concepts, skills, and knowledge from the CATS 7-10 program. Students interested in health and scientific related careers will build and expand their laboratory skills and experiences. Students will engage in active inquiries, investigations, and hands-on activities for a minimum of 50 percent of the instructional time to develop conceptual understanding and research/laboratory skills.

Prerequisite: Successful completion of coordinated and Thematic Science 10

ADVANCED BIOLOGY 11/12

WVEIS Code 6102

The course addresses the fundamental themes in Biology, such as the relationship between structure

and function, the regulation of biological processes, the intimate relationship of Biology with other sciences such as Chemistry and Physics, evolution, energy cycles, the interdependence of plants, animals and their environment, and also the role of technology in the study of biology. All of the course work in the class is developed around these central themes.

HUMAN ANATOMY AND PHYSIOLOGY

WVEIS Code 6103

This course is designed for those students wanting a depth of understanding in the structure and function of the human body. Focus will be on both micro and macro levels reviewing cellular functions, biochemical process, tissue interactions, organ systems, and the interaction of those systems as they relate to the human organism. This course will be appropriate for college-bound students, as well as those choosing a health-services career cluster. Students will engage in active inquiries, investigations, and hands-on activities for a minimum of 50 percent of the instructional time to develop conceptual understanding and research/laboratory skills. Safety instruction is integrated into all activities.

Prerequisite: Successful completion of Coordinated and Thematic Science 10 (possible EDGE credit)

BIOLOGY

WVEIS Code

6121 - Biology AP (Biology lab)

6122 - Biology AP Lab (AP Biology lab)

Biology Advance Placement is a college-level course designed to challenge students who intend to pursue a college degree in applied sciences. The course is appropriate for students who have previously taken an introductory biology course as well as Chemistry and possess the desire to succeed in a challenging course. The course addresses the fundamental themes in Biology such as the relationship between structure and function, the regulation of biological processes, the intimate relationship of Biology with other sciences such as Chemistry and Physics, evolution, energy cycles, the interdependence of plants, animals and their environment, and also the role of technology in the study of Biology. All of the course work in the class is developed around these central themes. Students in the course should develop a sense of excitement about biological inquiry through activities such as field trips, guest speakers, discussions about current events that focus on Biology, as well as independent research. Students taking the course are encouraged to take the Advanced Placement exam.

Objectives: Students enrolled in the Advanced Placement Biology class will complete the course work and laboratory assignments recommended by the Advanced Placement program. The Instructional Goals and Objectives for Biology 11/12 are used in this course.

Prerequisite:

ADVANCED ENVIRONMENTAL EARTH SCIENCE

WVEIS Code 6201

As responsible citizens on this planet, students must be able to recognize their role as caretakers of the earth in order to protect its fragile environment. This is possible only if students have a deep understanding of the earth and its processes. Environmental Earth Science Eleven/Twelve builds on the fundamentals of geology, oceanography, meteorology and astronomy developed in CATS 7-10 in a rigorous and integrated manner with the traditional disciplines of biology, chemistry, and physics, where appropriate. An emphasis on environment should be included within the traditional earth science disciplines. Ecology, economics, politics, and social considerations all combine to help students develop an understanding of how humans affect and are affected by their environment. Students will engage in active inquiries, investigations, and hands-on activities for a minimum of 50 percent of the instructional time to develop conceptual understanding and research/laboratory skills. Safety instruction is integrated into all activities.

Prerequisite: Successful completion of Coordinated and Thematic Science 9

CHEMISTRY TECHNICAL CONCEPTUAL

WVEIS Code 6301

Chemistry -Technical/Conceptual is the study of matter, its composition, and its changes. This course is an alternative to a traditional college preparatory course. It emphasizes real-life applications of chemical

principles. Mathematical-based problem solving is de-emphasized. Emphasis is placed on the important role chemistry plays in a student's personal life, career opportunities, environment, and society. Students will engage in active inquiries, investigations, and hands-on activities for a minimum of 50 percent of the instruction time to develop conceptual understanding and research/laboratory skills. Safety instruction is integrated into all activities.

Prerequisite: Successful completion of Coordinated and Thematic Science 9

ADVANCED CHEMISTRY

WVEIS Code 6302

This course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spend on the course by students and the nature and the variety of experiments done in laboratory. (possible EDGE credit)

PHYSICS-TECHNICAL/CONCEPTUAL

WVEIS Code 6303

Physics-Technical is a course designed to prepare students for technical careers. Basic physics principles are dealt within a thematic approach. Principles are applied to four energy systems that make up both simple and complex technological devices and equipment: mechanical, fluid, thermal, and electrical. The course also emphasizes the analogies in mechanical, fluid, thermal, and electrical systems. Incorporated in the instruction is the mathematics needed to understand and apply the principles. Refer to objectives PT.21-PT.24.

Physics-Conceptual is an alternative to the traditional mathematical approach to physics. Emphasis will be on the concepts which underlie the natural laws of the universe. Mathematics will be de-emphasized. Laboratory work will require traditional physics measurements to be made. SI (metric) unit of measurement will be used. Refer to objectives PC.25-PC-30.

Students in Physics-Technical or Physics-Conceptual will engage in active inquiries, investigations, and hands-on activities for a minimum of 50 percent of the instructional time to develop conceptual understanding and research/laboratory skills. Safety instruction is integrated into all activities.

Prerequisite: Successful completion of Coordinated and Thematic Science 10

ADVANCED PHYSICS

WVEIS Code 6304

A college-preparatory course, Physics Eleven/Twelve is a laboratory driven, advanced study of nature's universal laws with emphasis on process skills. Physics eleven/Twelve builds on the foundation of physics concepts developed in CATS Seven through CATS Ten. The course is organized around the content areas of kinematics, dynamics, thermodynamics, light and optics, electricity and magnetism, and modern physics. SI (metric) units of measurement will be used. Students will engage in active inquiries, investigations, and hands-on activities for a minimum of 50 percent of the instructional time to develop conceptual understanding and research/laboratory skills. Safety instruction is integrated into all activities.

Prerequisite: Successful completion of Coordinated and Thematic Science 10 and Algebra I

AP CHEMISTRY

WVEIS Code

6321 - AP Chemistry 6322 - AP Chemistry lab

AP Chemistry is designed to be the equivalent of a good general chemistry course usually taken during the first college year. For some students, this course enables them to undertake, as freshmen, second-year work in the chemistry sequence at their institution or to register in courses in other fields where general chemistry is a prerequisite. For other students, the AP Chemistry course fulfills the laboratory science requirement and frees time for other courses.

Students in such a course should attain a depth of understanding of fundamentals and a reasonable competence in dealing with chemical problems. The course will contribute to the development of the students' abilities to think clearly and to express their ideas, orally and in writing, with clarity and logic. This course in general chemistry differs qualitatively from the usual first secondary school course in chemistry with respect to the kind of textbook used, the topics covered, the emphasis on chemical calculations and the mathematical formulation of principles, and the kind of laboratory work done by students. Quantitative differences appear in the number of topics treated, the time spent on the course by students and the nature and the variety of experiments done in laboratory.

Prerequisite: The AP Chemistry course is designed to be taken only after the successful completion of a first course in high school chemistry. In addition, the recommended mathematics prerequisite for an AP Chemistry class is the successful completion of a second-year algebra course.

PHYSICAL EDUCATION 9-12

WVEIS Code 6609

The goal of the physical education program of study at the secondary (adolescent) level is to provide students the opportunity to comprehend and experience the benefits of physical activity in their lives. The program consists of a plan of activities that demonstrates these benefits. Developing the major components of fitness (cardiorespiratory, muscular strength, muscular endurance, flexibility, and body composition) assures self-management skills necessary for an active lifestyle.

To promote the concept of lifelong learning to personal health and wellness, the secondary physical education program reinforces the major components of the other programmatic levels: lifetime wellness, social skills, motor skill development, movement/rhythmic development, and physical activity. Safety must be stressed in all courses and activities. Note: West Virginia Code 18-1-7a requires the President's Physical Fitness Test (PPFT) be administered to all students enrolled in the required physical education course at the secondary level.

In addition to the required course offered at this level, elective course development is encouraged. These courses must expand and enhance the areas of lifetime wellness, motor skill development, technology development, social skill development, movement/rhythmic development, and physical activity. Examples of electives included, but are not limited to, personal fitness, conditioning and weight training, individual and dual sports, aerobic activities, and outdoor education. Course descriptions for the electives must include the appropriate West Virginia Goals and Objectives for Physical Education.

Prerequisite: None

FITNESS/CONDITIONING ACTIVITIES

WVEIS Code 6709

In addition to the required course of physical education given to the general populace of students grades 9-12, an elective credit course has been developed entitled *Fitness/Conditioning Activities*. It is the fundamental objective of this course to expand and enhance the areas of lifetime wellness, motor skill development, technology development, social development, team building enhancement, physical activities, and computer (Internet research of fitness topics) skills.

Prerequisite: Successful completion of Physical Education

SPORTS PHYSIOLOGY**WVEIS Code 6749****SPORTS MEDICINE I (Prevention/Care of Athletic Injuries)**

Students will study the treatment and care of athletic injuries, first-aid and emergency care, nutrition, basic anatomy and physiology as they relate to exercise and the normal functions of body parts, rehabilitation and physical therapy. Instruction will focus on prevention of all risk behaviors; however, instruction must also emphasize limiting the negative consequences of high risk behavior and promote values and norms that are age-appropriate and realistic. This class is for an elective credit upon successful completion of course.

Prerequisite:

DRIVER EDUCATION**WVEIS Code 6811**

The program of study includes cognitive development relating to traffic laws and ordinances; traffic signs, signals, and markers; natural laws; fuel conservation; and vehicle restraint systems. Also included are the physical, psychological, and legal aspects, effects, and consequences of the use of alcohol and drugs as related to the driving of a motorized vehicle. Instruction is provided to develop the perceptual and psychomotor skills required for basic control of the vehicle, lane changing, passing, following, entering and exiting from traffic, driving in cities/towns, on rural and urban roads and freeways, responding to emergencies, various road and weather conditions, defensive driving techniques, and interaction with other highway users including motorcycles and trucks. The program emphasizes strategies to develop the behavior patterns known as the SIPDE Concept (Search, Identify, Predict, Decide, and Execute) for all driving and driving-related activities.

Prerequisite:

DRIVER ED (CLASS ONLY)**WVEIS Code 6812**

The class provides the same basic information about Driver Education but does not give the student the 6 hours of In-Car practice driving experience. The program of study includes cognitive development relating to traffic laws and ordinances; traffic signs, signals, and markers; psychological, and legal aspects, effects, and consequences of the use of alcohol and drugs as related to the driving of a motorized vehicle. Instruction is provided to develop the perceptual and psychomotor skills required for basic control of the vehicle, lane changing, passing, following, entering and exiting from traffic, driving in cities/towns, on rural and urban roads and freeways, responding to emergencies, various road and weather conditions, defensive driving techniques, and interaction with other highway users including motorcycles and trucks. The program emphasizes strategies to develop the behavior patterns know as the SIPDE Concept (Search, Identify, Predict, Decide, and Execute) for all driving and driving-related activities.

Prerequisite:

HEALTH 9-12**WVEIS Code 6909**

This program of study builds on the foundation established in the K-8 health education curriculum and prepares students to become wide healthcare consumers and responsible, productive citizens. The relationships among personal, community, and world health and economic, cultural, sociological and biological factors are examined in interdisciplinary discussions, debates and class projects. Students examine personal health choices and the connection to the world of work and assumption of adult roles. In-dept analysis of current health issues and concepts, coupled with school-wide opportunities that promote and reinforce the importance of good health and positive choices, need to be coordinated to have the greatest impact on adolescent behavior. Instruction continues to focus on prevention of all risk behaviors; however, instruction must also emphasize limiting the negative consequences high-risk behavior and promote values and norms that are age-appropriate and realistic. Students should have a personal perception of risk, the ability to recognize and resist social pressures, and the skills to build positive social relationships.

Prerequisite: None

U.S. STUDIES TO 1900 (9)

WVEIS Code 7009

This program of study follows the evolution of the Constitution as a living document and the role of participatory democracy in the development of a rapidly changing technological society. This study of the United States is an examination of the formative years from the Pre-Columbian civilizations to its transformation as a dominant political and economic influence in the world. Special emphasis is placed on how the challenges of settling expansive and widely-differing environments were met by a diverse population.

Prerequisite: None

WORLD HISTORY TO 1900 (10)

WVEIS Code 7010

This study of the world emphasizes the historic, economic, geographic, political, and social structure of various cultural regions of the world from the dawn of civilization to the inter-dependent world of the twentieth century. Special attention is given to the formation and evolution of societies into complex political and economic systems. Geography/map skills and critical thinking skills are emphasized.

Prerequisite:

20/21 CENTURIES (11)

WVEIS Code 7011

The focus of this course is an identification and study of the interaction of geographic, political, economic, and historical factors. Such factors provide students a framework to examine and appreciate the changing nature of societies and the increasing interdependency of the United States and the world. Students will contract and evaluate past and present world concerns and hypothesize about problems and solutions for the future. Students will realize the importance of well-informed citizens in a diverse society and their place in the democratic process.

Prerequisite:

CIVICS/GOVERNMENT

WVEIS Code 7031

Civic education is essential for active participation by informed citizens. This course will emphasize a study of government and individual rights and responsibilities. Examination of rules and laws and the need for authority is crucial to maintaining a safe society for diverse individuals and groups. Civic understanding increases as students develop the skills to make informed decisions, to resolve conflicts peacefully, to articulate and defend positions, and to engage in the civic and political life of their communities.

Prerequisite: (possible EDGE credit)

ECONOMICS

WVEIS Code 7032

Understanding economics is essential so students will know that most decisions have economic consequences. As resources become scarce, as the economic environment changes, and as the economic impact of decisions becomes more immediate, students must know how to use economic analysis to solve the complex problems they face now and in the future. This course will emphasize the need to make sense of the array of economic facts, events, observations, and issues in everyday life and the ability to make effective decisions about economic issues.

Prerequisite:

GEOGRAPHY

WVEIS Code 7033

Geography education is essential for students to understand the values and roles of groups and individuals

in a “Global Village” where economics, cultures, and environmental concerns are inextricably connected. This course will enable students to view the world from their perspective as United States citizens. The study of geography will contribute to the development of workplace skills and career choices.

Prerequisite:

HISTORY: U.S. AP (Gr. 11/12)

WVEIS Code 7046

The focus of this course is an identification and study of the interaction of geographic, political, economic, and historical factors in an advanced format. Such factors provide students a framework to examine and appreciate the changing nature of societies and the increasing interdependency of the United States and the world. Students will contract and evaluate past and present world concerns and hypothesize about problems and solutions for the future. Students will realize the importance of well-informed citizens in a diverse society and their place in the democratic process. This course shall prepare students for the advance knowledge and skills for the successful completion of the Advanced Placement United States History examination while meeting all Instructional goals and Objectives for Twentieth/Twenty-First Centuries Studies.

Prerequisite: Successful completion of United States to 1900 and World Studies to 1900

LAW STUDIES/LEGAL PROCEDURES

WVEIS Code 7109

Law Studies / Legal Procedures once called Street Law is a course that will help students to understand aspects of the legal process and its influences in their everyday life. The class will aid the student with the knowledge that they can use as they enter into the world of adulthood with the understanding that the legal process is an important influence on every sector of our culture. In this course students learn parliamentary procedures, the branches of government, making and enforcing laws, law enforcement functions, correctional functions, consumer laws, contracts, housing torts, family laws, marriage, divorce, wills, the role of courts, legal actions, verdicts, types of crime, rights of police and prevention.

Prerequisite:

PSYCHOLOGY

WVEIS Code 7321

Psychology education offers tremendous insight and understanding in humankind’s efforts to improve the quality of life for individuals and society. This course will enable students to analyze human behavior and patterns of thinking and use such knowledge to enhance interpersonal skills and an interpersonal perspective. The study of psychology will contribute to the development of workplace skills and career choices by participating in activities of demonstration, discovery, experiment and cooperative learning.

Prerequisite: None (possible EDGE credit)

SOCIOLOGY

WVEIS Code 7341

Sociology students will examine sociological perspectives and methods of research; examine cultural elements noting similarity, variety, and change; analyze the elements of socialization and social isolation; review major social institutions and determine the process of social change.

Prerequisite: None

COMMUNITY SERVICE

WVEIS Code: 7631

The goal of work-based learning is to provide the student with a realistic opportunity to integrate school-based learning with career expectations and to promote life-long learning. After completing the work-place readiness seminar, the student must complete enrollment with the School to Work Office personnel prior to beginning community service.

Prerequisite: Community Service - to be eligible for community service, the student must:

- A. be at least sixteen (16) years of age*
- B. submit a proposal to the School to Work office*
- C. provide one hundred (100) hours of his/her time outside the regular school day (Successful completion of this experience results in one elective credit)*

INTRODUCTION TO CAREER MAJORS

WVEIS Code 7641

JOBS FOR WV GRADUATES

WVEIS Code 7643

This course is designed around five cluster areas and relates to thirty core competencies. JAG is recommended for students in grade 12 who would benefit with development of academic and career workplace skills prior to graduation. The clusters addressed in the course are Career Development Competencies; Job Attainment Competencies; Job Survival Competencies; Basic Competencies; and Leadership and Self Development Competencies.

Prerequisite: In senior class

JROTC LET 1 - INTRODUCTION TO LEADERSHIP

WVEIS Code 7645

The first level is a one-block integrated course of basic JROTC and Lifetime Wellness emphasizing rights, responsibilities, privileges, freedoms, team work, health, hygiene, fitness, oral communications, and respect for authority that underlie good citizenship and character. Successful completion gains one elective credit in JROTC (Grades 9,10,11, and 12).

Prerequisite: None

JROTC LET 2 -INTERMEDIATE LEADERSHIP

WVEIS Code 764600

This one-block course places emphases on practical application of skills learned in LET 1 TO INCLUDE COLLATERAL READINGS, WRITTEN REPORTS, ORAL PRESENTATIONS, LEADERSHIP LABS. us Government, ethical values, principles, written communications, fitness, basic management techniques and leadership potential, technology, and drug-abuse awareness. Emerging leaders are identified and developed. Successful completion gains one elective credit in JROTC.

Prerequisite: JROTC LET 1. (GRADES 9, 10,11,and 12)

JROTC LET 3 - INTERMEDIATE LEADERSHIP

WVEIS Code 764700

This one-block course places emphasis on practical application of skills learned in LET 2 to include US Government, decision making, methods of instruction, counseling, collateral readings, written and oral reports, leadership labs, problem solving, intermediate leadership responsibilities, coaching and supervising techniques, leadership communicative skills, environmental concerns, fitness, and drug-abuse prevention .Cadets assume mid-level positions of leadership. Successful completion gains one elective credit in JROTC.

Prerequisite: JROTC LET 2 (grades 10,11, and 12).

JROTC LET 4 - APPLIED LEADERSHIP

WVEIS Code 764800

This one-block course is unlike the first three levels of the Army Junior ROTC program that concentrated on an instructor-taught method of instruction with cadets using textbooks and workbooks and instructors using instructor manuals (which contained lesson plans, overhead transparencies, and a test bank). The fourth level concentrates on a self-taught, self-paced, method of instruction using only a programmed text which contains case studies, vignettes, and practical exercises. Emphasis for the fourth level should be on evaluating leadership development and performance in assigned command or staff positions and

completion of the programmed test.

Primary emphasis for LET 4 will be placed on the practical application of the cadet's leadership duties and responsibilities within the cadet's battalion. Therefore, the LET 4 level will be structured to allow cadets to perform their assigned command or staff duties, act as a class instructor for selected subjects such as leadership lab, and/or act as assistant class instructors to selected subjects such as first aid, map reading, etc.

Academic instruction for LET 4 will consist of self-paced study, suggested readings, seminars, vignettes, case studies, and special assignments. Successful completion gains one elective credit in JROTC.

Prerequisite: Successful completion of JROTC LET 3 (grades 10,11, and 12).

JROTC LET 5-8 ADVANCED LEADERSHIP

WVEIS CODES

764900 - JROTC LET 5

764960 - JROTC LET 6

765070 - JROTC LET 7

765080 - JROTC LET 8

Offered as one-block courses, very few cadets will be able to advance to these levels due to scheduling problems. For those who do, the primary emphasis for LET 5 through LET 8 is placed on the practical allocation of the cadet's leadership duties and responsibilities within the cadet's battalion. Therefore, each level is structured to allow cadets to perform their assigned command or staff duties and act as a class instructor/assistant class instructor in increasing degrees until they assume almost full-time leadership/aide status for selected subjects. Cadets will be progressively moved to higher leadership levels and allowed to work more independently based upon their performance of assigned tasks. They will also serve as mentors and peer tutors. Successful completion of each level gains one elective credit in JROTC.

Prerequisites: Successful completion of JROTC LET 4 for JROTC LET 5; JROTC LET 5 for JROTC LET 6; JROTC LET 6 for JROTC LET 7; and JROTC LET 7 for JROTC LET 8 (grades 11 and 12).

BASIC SKILLS REMEDIATION LANGUAGE AND MATHEMATICS

WVEIS Code 7653 (L) 7653 (M)

Basic Skills Remediation is an elective credit course designed to improve the skills necessary for success on the WESTEST achievement test. The course will be required of all students scoring below the remedial education level in total basic skills. (See Policy I-17)

Prerequisite: Below a determined percentile on Stanford 9 test

LIBRARY/MEDIA

WVEIS Code 7655

Reinforcing basic research skills while building familiarity with the library, as an instructional tool is the goal of the Library/Media course at the middle school level. Utilizing instructional goals and objectives gleaned from multiple sources the course serves to prepare students for the requisite research skills needed for success on the Stanford 9 but also serves to build familiarity with the numerous resources available in both the school and public library.

Prerequisite: None

TEST STRATEGIES

WVEIS Code 7661

TRAVEL WEST VIRGINIA

WVEIS Code 7663

This course provides students with an awareness of the impact of tourism in the state. The course reviews elements of eighth-grade West Virginia Studies while emphasizing the role of tourism and marketing in the eight tourist regions of the state. Students examine the reasons people travel and assess the tourist regions to determine which factors are present in each. Students plan imaginary trips to places of interest and

determine what factors make the student' trips successful or unsuccessful. These are also opportunities for "real" travel to see the scenic, historic, and recreational beauty of the Mountain State.

Prerequisite: None

WORK-BASED EXPERIENCE

WVEIS Code 7665

CULTURAL ENRICHMENT

WVEIS Code 7691

The elective Bible courses are a literary approach to the Bible, dealing with the poetry sections of the Old Testament, and with the narrative sections of both the Old and new testaments. Students first see the overall structure of the Bible. Then, through the many narrative passages recorded within the structure, students see their own human experiences in the lives of the Bible characters. This is followed by a study of the songs, or poetry, that these people sang, records of their heart reactions to the troubles and joys which they experienced. In addition to enlarging their understanding of the Bible, students see the roots of many thought patterns and principles that formed American society. (Theology and Biblical criticism, subjects more appropriate to religious institutions and colleges than to elementary and high schools are not dealt with.)

INTERNSHIP

WVEIS Code 7807

The goal of work-based learning is to provide the student with a realistic opportunity to integrate school-based learning with career expectations and to promote life-long learning. After completing the Work-place Readiness Seminar, the student must complete enrollment with the School to Work office personnel prior to beginning the internship.

Prerequisite: Internship - to be eligible for an internship, students will:

- A. be at least 16 yers of age*
 - B. be enrolled in grade 11 or 12*
 - C. have an overall grade point average of 75 or better*
 - D. have fewer than 10 absences total during the previous two school terms*
 - E. maintain a good disciplinary record*
 - F. complete application packet (see pages 8-19 of Student Internship Handbook)*
 - G. provide a minimum of one hundred (100) hours of his/her time outside the regular school day*
- (Successful completion of this experience results in one elective credit)*

MENTORSHIP

WVEIS Code 7811

The goal of work-based learning is to provide the student with a realistic opportunity to integrate school-based learning with career expectations and to promote life-long learning. After completing the Work-place Readiness Seminar, the student must complete enrollment with the School to Work Office personnel prior to beginning a mentorship.

Prerequisite: Mentorship - to be eligible for mentorship, the student will:

- A. exhibit skills to work in a one-to-one experience with an adult*
 - B. be willing to devote after-school hours to work with the mentor*
- Or*
- demonstrate technical skills which would allow student*

and mentor to correspond through Internet
C. provide a minimum of one hundred (100) hours of his/her
time outside the regular school day
(Successful completion of this experience results in one elective credit)

TUTORING

WVEIS Code 7831

This level of the elective area of study provides for the development and training of high school students to become mentors for elementary and middle school children. The high school students work with the younger students in problem solving, reading and math skills, communications, working with others, promoting positive health habits, technology, self-management, career development and other issues critical to the success of the younger students.

Prerequisite: Applicant must be a senior with twenty-one or more credits, grade point average of 85 or greater, and SAT9 language arts, reading, and math stanine scores of 6 or above, and/or a 21 or higher ACT scores in reading, math, and composite. Preference is given to Human Services Education Majors.