

Henderson High School

Course Offerings Grades 9-12



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FOUNDATION GRADUATION PLAN PLUS ENDORSEMENT

For students who **entered** ninth grade in 2014-15 or after, the Foundation Graduation Plan is required for graduation **PLUS** an area of endorsement.

<u>Requirements:</u>	<u>Credits</u>	<u>Total</u>
<u>English Requirement:</u> English 1, II, III and 1 Advanced English	4	4
<u>Math Requirement:</u> Algebra 1, Geometry, and 2 Advanced Math	4	8
<u>Science Requirement:</u> IPC (not available with STEM endorsement), Biology, Chemistry, and Advanced Science	4	12
<u>Social Studies Requirement:</u> World History, U.S. History, Government (.5) and Economics (.5)	3	15
<u>Fine Arts:</u>	1	16
<u>Language Other Than English:</u>	2	18
<u>Professional Communications:</u> (Speech)	.5	18.5
<u>Physical Education:</u>	1	19.5
<u>Other Electives:</u>	2.5	22
<u>Credits from Chosen Endorsement:</u>	4 credits For most endorsements	26

ENDORSEMENT AREAS FOR HHS GRADUATES

Requirement:

Choose One Endorsement from the Following List AND an area under Your Chosen Endorsement:

- 1. STEM (Science, Technology, Engineering, Math)**
- 2. Business & Industry**
- 3. Public Service**
- 4. Arts & Humanities**
- 5. Multidisciplinary**

(see description of each below)

1. STEM (Science, Technology, Engineering, Math): 26 credits

AREAS:

Mathematics which requires 1 Credit of the following:

Pre-Calculus
AQR
AP Calculus
Dual Credit Math, or
College Prep Course

OR

Science which requires 1 Credit of the following:

AP Biology
AP Chemistry
AP Physics
Pathophysiology
Anatomy & Physiology

2. Business and Industry Endorsement: 26 CREDITS

AREAS:

Agriculture—Animal Science (4 credits min.)

Principles of Agriculture (1)
Livestock Production (1)
Small Animal Management (.5)/ Equine Science (.5)
Vet Medical App (1)
Advanced Animal Science (Can count as an advanced Science) (1)
Practicum (2-3)

OR

Agriculture—Horticulture and Landscape Design (4 credits min.)

Principles of Agriculture (1)
Landscape Design & Management (.5)/ Turf Grass Management (.5)
Floral Design (1)
Horticulture Science (1)
Wildlife, Fisheries, & Ecology Management (1)
Forestry & Woodland Ecosystems (1)
Advanced Floral Design (1)
Practicum (2-3)

OR

Agriculture—Welding (4 credits min.)

Principles of Agriculture (1)
Agricultural Mechanics & Metal Technologies (1)
Introduction to Welding (1)
Welding (2)
Welding II (2)

**Dual Credit Welding (3)
Practicum (2-3)**

OR

Finance (4 credits min.)

**Principles of Business, Marketing & Finance (1)
Banking & Financial Services (.5)
Money Matters (1)
Securities & Investments (1)
Business Information Management (BIM) (1)
Accounting 1 (1)
Accounting II (1)**

OR

Business Management and Administration (4 credits min.)

**Principles of Information Technology (1)
Business Information Management (BIM) (1)
Principles of Business Marketing & Finance (1)
Accounting 1 (1)
Accounting II (1)
Practicum (2-3)
Dual Credit Statistics (.5)**

OR

Information Technology (4 credits min.)

**Principles of Information Technology (1)
Business Information Management (BIM) (1)
Digital & Interactive Media (1)
Web Technologies (1)
Computer Programming I (1)
Computer Programming II (1)
Career Prep I, II (2)**

OR

Hospitality and Tourism (4 credits min.)

**Principles of Hospitality & Tourism (1)
Travel & Tourism Management (1)
Introduction to Culinary (1)
Culinary Arts (2)
Advanced Culinary Arts (2)
Practicum in Culinary Arts (2-3)
Food Science (Can count as an advanced Science) (1)
Career Prep I, II (2)**

OR

Journalism (4 credits min.)

**Journalism (1)
Advanced Journalism I (Newspaper or Yearbook) (1)
Advanced Journalism II (Newspaper or Yearbook) (1)
Advanced Journalism III (Newspaper or Yearbook) (1)**

Advanced Journalism IV (Newspaper or Yearbook) (1)

3. PUBLIC SERVICE ENDORSEMENT—26 CREDITS

AREAS:

Education & Training (4 credits min.)

- Principles of Education & Training (1)
- Human Growth & Development (1)
- Psychology (.5)/ Sociology (.5)
- Instructional Practices in Education & Training (2)
- Practicum in Education & Training (2-3)

OR

Health Science (4 credits min.)

- Principles of Health Science (1)
- Health Science Theory/ Clinical (2)
- Practicum of Health Science I/ Medical Terminology (2)
- Pathophysiology (1)
- Anatomy & Physiology (1)
- Practicum of Health Science II (2)

OR

Human Services (4 credits min.)

- Principles of Human Services (1)
- Dollars & Sense (.5)
- Lifetime Nutrition & Wellness (.5)
- Child Development (1)
- Child Guidance (2)
- Career Prep I, II (2)

4. Arts & Humanities—26 credits

AREAS:

Social Studies (2 credits)

- World Geography (1)
- Psychology (.5)
- Sociology (.5)

OR

Theater (4 credits min.)

- Theater I
- Theater II
- Theater III
- Theater IV

OR

- Technical Theater I
- Technical Theater II
- Technical Theater III
- Technical Theater IV

OR

Art (4 credits min.)

Art I	OR	Art & Media Communications
Art II (Draw or Sculpture I)		Design I
Art III (Draw or Sculpture II)		Design II
Art IV (Draw or Sculpture III)		Design III
AP Art (2D)		
AP Art Drawing Portfolio		

5. MULTIDISCIPLINARY ENDORSEMENT—26 CREDITS

AREAS:

OPTION 1

Four credits of advanced CTE or Core courses that prepare a student to successfully enter the workforce or postsecondary education without remediation.

OR

OPTION 2 (4x4) (4 credits)

English IV
Statistics, Algebra II, AQR or Pre-Calculus
Chemistry or Physics and,
World Geography

OR

OPTION 3

Four credits of Advanced Placement (AP) or Dual Credit from any combination of:

English
Mathematics
Science
Social Studies
Economics
Languages other than English, or
Fine Arts

DISTINGUISHED LEVEL OF ACHIEVEMENT:

Have a total of 4 credits in math, including Algebra II, a total of 4 credits in science, and completion of curriculum requirements for at least one endorsement

PERFORMANCE ACKNOWLEDGEMENTS:

Given for outstanding performance: in a Dual Credit course, in bilingualism and bi-literacy, on an AP test or IB exam, on the PSAT, the SAT or ACT; or for earning a nationally or internationally recognized business or industry certification or license.

AWARD OF CREDIT

Students earn one-half credit for each semester of a course in which he/she earns a grade average of 70 or higher.

In selecting courses, students will notice that some courses are for **1 credit** and some are for **.5 credit**. A student must enroll all year for a 1 credit course and one semester for a .5 credit course.

(NOTE: TEKS STANDS FOR TEXAS ESSENTIAL KNOWLEDGE AND SKILLS & EOC STANDS FOR END OF COURSE AND IS PART OF THE STAAR TESTING SYSTEM)

NATIONAL HONOR SOCIETY

Any student with a 90.00 GPA is eligible for membership; these students get information forms to complete and return. The forms are then evaluated for students' leadership, character, and service. Any student with a discipline referral for cheating will not be considered for membership.

LANGUAGE ARTS

131007--COLLEGE READINESS & STUDY SKILLS

GRADE: 11-12

CREDIT: .5

PREREQUISITE: NONE

In this course, students acquire techniques for learning from texts, including studying word meanings, identifying and relating key ideas, drawing and supporting inferences, and reviewing study strategies. In all cases, interpretations and understandings will be presented through varying forms, including through use of available technology. Students accomplish many of the objectives through wide reading as well as use of content texts in preparation for post-secondary schooling.

111000--ENGLISH I

GRADE: 9

CREDIT: 1

PREREQUISITE: None

English I deals with fundamental concepts and skills of writing, language, reading, and literature. Writing concepts are emphasized in the first semester of study. Conventions of correct grammar usage and mechanics are stressed; descriptive, narrative, expository, and persuasive styles of writing are explored. In the second semester basic reading skills are reinforced and literary appreciation developed through a study of selected works of poetry, drama, fiction, and nonfiction. Literary terms and figurative language are introduced.

111001--ENGLISH I-PAP

GRADE: 9

CREDIT: 1

PREREQUISITE: NONE

English I - PAP incorporates an enhanced curriculum for Advanced Placement preparation. The course is designed to ensure mastery of basic skills through individualized programs of learning that promote extensive development of higher thought processes. Final mastery of basic skills in language and composition is tested while providing intensive, guided practice to develop mature techniques and styles. Studies require knowledge of literary terminology and characteristics of literary genre while analyzing and evaluating ideas and concepts discovered in literature. Information gathering techniques extend to products requiring synthesis. Students are required to read a specific number of selections from the Advanced Placement Reading List.

111500--ENGLISH I EOC REMEDIATION (APPROVAL ONLY)

GRADE: 10-12

CREDIT: 1 LOCAL CREDIT

PREREQUISITE: FAILURE OF THE EOC/STAAR ENGLISH 1 EXAM

EOC/STAAR English is designed to reinforce those skills which are necessary to successfully pass the English I EOC/STAAR exam. Any student who has not passed the English I EOC/STAAR will be placed in this course.

121000--ENGLISH II

GRADE: 10

CREDIT: 1

PREREQUISITE: ENGLISH I

The first semester of tenth grade English will focus on language and writing concepts and skills. The study will provide opportunities for the student to practice correct spelling, punctuation, and usage. Further, the student will write sentences and paragraphs of various lengths and patterns. Second semester students will develop the reading literature skills necessary to comprehend nonfiction and fiction. Expanding reading skills, the student will study vocabulary and recognize main ideas, sequence, and details. In addition to reading from the various classifications of literature, the student will be given the opportunities to learn the techniques used in creating these literary forms.

121001--ENGLISH II-PAP

GRADE: 10

CREDIT: 1

PREREQUISITE: ENGLISH I-PAP OR TEACHER RECOMMENDATION

The student in the English II Pre-AP class will study parts of speech, grammar, and usage in relationship to its application to oral and written communication. Skills in reading, interpretation of literature, writing, and vocabulary building will be stressed both semesters. To achieve these objectives, the student will study and write sentences and paragraphs that are complex in pattern; will analyze increasingly complicated works of literature, as prescribed by the Advanced Placement curriculum as organized by genres; and will define, identify in literature, and use in writing literary devices and figures of speech. Students will use higher level and critical thinking skills in their written and oral projects. These projects, both inside and outside of the classroom, will include persuasive essays, fact or opinion, poems, a research paper, and oral explications. PAP sophomore students will also study an intensive grammar unit and be expected to read numerous works from the AP reading list.

111510--ENGLISH II EOC REMEDIATION (APPROVAL ONLY)

GRADE: 11-12

CREDIT: 1 LOCAL CREDIT

PREREQUISITE: FAILURE OF THE EOC/STAAR ENGLISH II EXAM

EOC/STAAR English is designed to reinforce those skills which are necessary to successfully pass the English II EOC/STAAR exam. Any student who has not passed the English II EOC/STAAR will be placed in this course.

131000--ENGLISH III

GRADE 11

CREDIT: 1

PREREQUISITE: ENGLISH II

This course will provide the student opportunities to learn advanced writing concepts and skills, with emphasis upon correct choice of language and syntax to express ideas. Various forms of sentences and paragraphs will be used as models for student writing. Writing and reading skills are fused in that the experiences allow the student to find the main idea, to discover appropriate point of view, to analyze cause-effect relationships, to understand the art of persuasion, and to distinguish between fact and opinion. The course also includes a survey of American authors and their presentations in poetry, drama, short story, and major works, as well as the corresponding philosophical movements and historical perspectives. The student will also develop skills in research, analysis, and criticism.

131002--ENGLISH LANGUAGE AND COMPOSTION III – AP

GRADE: 11

CREDIT: 1

PREREQUISITE: ENGLISH II-PAP OR TEACHER RECOMMENDATION

The English III-AP course will require students to master TEKS in a more advanced application and at an accelerated pace, as well as use higher level and critical thinking skills in written and oral projects. Stress will be placed upon sophisticated composition styles and purposes. Advanced vocabulary study and advanced reading assignments will be

fused into the acquisition and delivery of rhetorical analysis, synthesis, and argument. To achieve these objectives, selections from American literature, both fictional and non-fictional, as well as contemporary essays, theories, and speeches, will be utilized. Advanced concepts of research and presentation will also be explored. Emphasis will be placed on meeting the requirements of the AP College Board exam.

141000--ENGLISH IV

GRADE: 12

CREDIT: 1

PREREQUISITE: ENGLISH III

This course provides for the development of language and writing concepts and skills in the forms of essays, procedural and work-related documents, research and synthesized information, and criticism and analysis. The second semester focuses on a chronological survey of British literature: its representative genres, philosophical movements and historical perspectives as illustrated in selections by major writers.

141002--ENGLISH LITERATURE IV -AP

GRADE: 12

CREDIT: 1

PREREQUISITE: ENGLISH III-AP OR TEACHER RECOMMENDATION

The English IV-AP class will require students to master all the TEKS at an accelerated pace. This fused course will include the study and mastery of more complicated literary terminology and figurative language as the students analyze, classify, and evaluate complex works of literature and contemporary essay. Also, the course will include advanced vocabulary study, a study of discursive and analytical writings, and extensive grammar study. Students will use all the higher level and critical thinking skills in their written and oral presentations.

The English AP class will achieve these objectives through the implementation of a chronologically arranged curriculum which begins with the Anglo-Saxon Period in English literature and concludes with the Twentieth Century through the use of advanced vocabulary list, through the study of contemporary essays which will challenge the student's analytical thinking, writing, and his grammar skills, and through an accelerated reading program.

171002--ENGLISH 4 DUAL CREDIT 1301, 1302

GRADE: 12

CREDIT: 1

PREREQUISITE: TSI COMPLETE IN READING/WRITING & ACCEPTANCE INTO KILGORE COLLEGE

ENGL 1301- Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

ENGL 1302- Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Prerequisite: "C" or better in ENGL 1301.

115000--ENGLISH FOR SPEAKERS OF OTHER LANGUAGES I

125000--ENGLISH FOR SPEAKERS OF OTHER LANGUAGES II

CREDIT: 1

PREREQUISITE: IDENTIFIED NEED AND LPAC PLACEMENT

A maximum of two of the four years of English required for graduation may be English for Speakers of Other Languages (ESL). All credit earned in English for Speakers of Other Languages, which is not counted toward the graduation requirement in English may be counted as elective(s) in meeting state graduation requirements. These courses provide listening, speaking, reading, and writing activities from simple to complex to increase the student's ability to comprehend the oral and written English language. Vocabulary is emphasized. Students are also given assistance from the teacher in completing homework assignments from mainstream courses.

113000—PRACTICAL WRITING

GRADE: 9-12

CREDIT: 1

PREREQUISITE: APPROVAL REQUIRED

The study of writing allows high school students to earn one-half to one credit while developing skills necessary for practical writing. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Students are expected to understand the recursive nature of reading and writing. Evaluation of students' own writing as well as the writing of others ensures that students completing this course are able to analyze and evaluate their writing. For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning.

112000—READING 1**132000—READING II**

GRADE: 9-12

CREDIT: 1

PREREQUISITE: APPROVAL REQUIRED

Reading I, II offers students reading instruction to successfully navigate academic demands as well as attain life-long literacy skills. Specific instruction in word recognition, vocabulary, comprehension strategies, and fluency provides students an opportunity to read with competence, confidence, and understanding. Students learn how traditional and electronic texts are organized and how authors choose language for effect. All of these strategies are applied in instructional-level and independent-level texts that cross the content areas. For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning.

113400—TECHNICAL WRITING

GRADE: 9-12

CREDIT: 1

PREREQUISITE: APPROVAL REQUIRED

The study of technical writing allows high school students to earn one-half to one credit while developing skills necessary for writing persuasive and informative texts. This rigorous composition course asks high school students to skillfully research a topic or a variety of topics and present that information through a variety of media. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop and apply criteria for effective writing, and set their own goals as writers. For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning.

JOURNALISM**134007--ADVANCED BROADCAST JOURNALISM I**

GRADE: 10-12

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL

Students need to be critical viewers, consumers, and producers of media. The ability to access, analyze, evaluate, and produce communication in a variety of forms is an important part of language development. High school students enrolled in this course will apply and use their journalistic skills for a variety of purposes. Students will learn the laws and ethical considerations that affect broadcast journalism; learn the role and function of broadcast journalism; critique and analyze the significance of visual representations; and learn to produce by creating a broadcast journalism product.

124000--ADVANCED JOURNALISM I (NEWSPAPER)**134000--ADVANCED JOURNALISM II (NEWSPAPER)****144000--ADVANCED JOURNALISM III (NEWSPAPER)**

GRADE: 10-12

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL (JOURNALISM I CREDIT PREFERRED)

Students in this course produce the high school newspaper, *The Hi-Life*. Staff members participate in developing a product by working within budget limitations and deadlines. Students produce six issues of the newspaper each year. They write articles, plan the layouts, take and select pictures, write captions and headlines, proofread copy, design pages, and plan the circulation campaign. Students learn to cooperate with other staff members and learn organization skills to produce the newspaper. Students use the computer programs InDesign and Photoshop to produce the newspaper. Some out-of-class time will be required.

Students must submit an application (available in the newspaper classroom) to the newspaper adviser. The adviser selects staff members based on grades, conduct and attendance records. Students are encouraged to take Journalism I before applying for a position on the newspaper staff.

124400--ADVANCED JOURNALISM I (YEARBOOK)

134400--ADVANCED JOURNALISM II (YEARBOOK)

144400--ADVANCED JOURNALISM III (YEARBOOK)

GRADE: 10-12

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL (JOURNALISM I CREDIT PREFERRED)

Students in this course produce the high school yearbook, *The Lions' Den*. Staff members develop the product by taking and choosing pictures, designing layouts, writing captions and headlines, and proofreading copy. They plan and carry out an advertising and circulation campaign to finance the product. Students use the computer programs InDesign and Photoshop to produce the yearbook. Some out-of-class time will be required.

Students must submit an application (available in the yearbook classroom) to the yearbook adviser. The adviser selects staff members based on grades, conduct and attendance records. Students are encouraged to take Journalism I before applying for a position on the yearbook staff.

818400—DIGITAL DESIGN & MEDIA

GRADE: 10-12

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL

Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

114000--JOURNALISM I

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

Journalism introduces students to the exciting world of the print media. Law, ethics and the history of journalism will complement the major areas of study: reporting, writing, editing, photography, management, teamwork, advertising and design.

In addition, students will have the opportunities to use state of the art computer-aided publishing tools, and will learn InDesign and Photoshop skills. This course provides a good background for Newspaper Production I-III and/or Yearbook Production I-III, and will provide students insights into college and career choices. Some out-of-class time will be required.

PROFESSIONAL COMMUNICATION/ SPEECH

116000—PROFESSIONAL COMMUNICATIONS

GRADE: 9-12

CREDIT: .5

PREREQUISITE: NONE

For successful participation in professional and social life, students must develop effective communication skills. Rapidly expanding technologies and changing social and corporate systems demand that students send clear verbal messages, choose effective nonverbal behaviors, listen for desired results, and apply valid critical-thinking and problem solving processes. Students enrolled in Professional Communications will be expected to identify, analyze, develop, and evaluate communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. For high school students whose first language is not English, the students' native language serves as a foundation for English language acquisition and language learning.

176000—PUBLIC SPEAKING DUAL CREDIT 1315

GRADE: 11-12

CREDIT: .5

PREREQUISITE: TSI COMPLETE IN READING/WRITING & ACCEPTANCE INTO KILGORE COLLEGE

Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations.

MATHEMATICS

247000—ADVANCED QUANTITATIVE REASONING (AQR)

GRADE: 12

CREDIT: 1

PREREQUISITE: ALGEBRA II

In Advanced Quantitative Reasoning, students will develop and apply skills necessary for college, careers, and life. Course content consists primarily of applications of high school mathematics concepts to prepare students to become well-educated and highly informed 21st century citizens. Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.

211000--ALGEBRA I

GRADE: 9-12

CREDIT: 1

PREREQUISITE: 8TH GRADE MATH

This course is for students functioning on grade level who have successfully completed 8TH grade TEKS. Algebra I is to provide a foundation for higher level mathematics courses. Topics covered: concepts and skills involving operations with real numbers, properties of real numbers, polynomials, rational expressions, quadratic equations; linear equations, and inequalities in one variable and in two variables; and properties of roots and operations with radicals.

231200--ALGEBRA II

GRADE: 11-12

CREDIT: 1

PREREQUISITE: ALGEBRA I & GEOMETRY

This course is for students on grade level who have completed mastery of Algebra I & Geometry TEKS. Algebra II is to provide a foundation for higher-level math courses. Topics covered: Concepts and skills associated with open sentences, polynomials and rational expressions, matrixes and determinants, quadratic functions, conic sections and systems of quadratics, exponential and logarithmic functions, higher degree polynomial functions, and sequences and series; properties of relations and functions complex number system, and points and planes in space.

211201--ALGEBRA II-PAP

GRADE: 9

CREDIT: 1

PREREQUISITE: 8TH GRADE ALGEBRA I-PAP

Algebra II-PAP is designed for those students who have an advanced aptitude in mathematics and plan to follow the Advanced Placement course sequencing of Geometry PAP, Pre-Calculus PAP, and Calculus AP. The curriculum covers all aspects of regular Algebra II with additional topics related to 3-space, probability, permutations, and combinations. The number and difficulty of word problems will be increased, thus leading to a wider range of practical applications. The course will prepare the student for the more rigorous study required of the AP student.

243002--CALCULUS-AP

GRADE: 12

CREDIT: 1

PREREQUISITE: PRE-CALCULUS-PAP

This course is for students above grade level who have successfully completed TEKS of the prerequisites and are college bound requiring a strong mathematics background. A college-level calculus course covering these topics: concepts associated with the limit of a function, concepts and skills associated with the derivative and with integral and techniques of integration, application of calculus to special functions, concepts and skills associated with infinite series.

271002—COLLEGE ALGEBRA DUAL CREDIT 1314

GRADE: 12

CREDIT: 1

PREREQUISITE: TSI COMPLETE IN MATH & ACCEPTANCE INTO KILGORE COLLEGE

This course is an in-depth study and application of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included. An instructor-approved graphing calculator will be required.

211500--EOC/STAAR ALG REMEDIATION (APPROVAL ONLY)

GRADE: 10-12

CREDIT: 1 (L)

PREREQUISITE: NON-MASTERY OF THE ALGEBRA 1 EOC/STAAR/STAAR

EOC/STAAR Algebra is designed to reinforce those skills, which are necessary to successfully pass the math section of the STAAR/EOC/STAAR ALGEBRA 1. Any student who has not passed the ALGEBRA 1 EOC/STAAR will be placed in this course.

222000--GEOMETRY

GRADE: 10-12

CREDIT: 1

PREREQUISITE: ALGEBRA I

This course is for students on grade level who have successfully completed Algebra I TEKS and foundation for higher-level mathematics courses. It involves recognition and study of two and three dimensional geometric figures, review of algebraic skills used, and development of formal proofs. Topics covered: Nature of deductive reasoning, geometry of the real world, fundamental ideas of lines and angles, basic postulated and theorems, congruent triangles, transformations, inequalities, parallel lines, quadrilaterals, area, similarity, right angles, coordinate geometry, circles, regular polygons, and geometric solids.

222002--GEOMETRY-PAP

GRADE: 10

CREDIT: 1

PREREQUISITE: ALGEBRA II-PAP

Geometry-PAP provides the student with an in-depth study of the basic concepts of Euclidean geometry and trigonometry. Students are expected to prove theorems independently using the direct and indirect method of proof, as well as develop an understanding of the properties of the various types of geometric figures. Students are also exposed to a study of non-Euclidean geometries.

236000--MATH MODELS

GRADE: 11

CREDIT: 1

PREREQUISITE: ALG 1, GEOMETRY

This is a practical course for those who want to become knowledgeable about handling personal money. It emphasizes, real-world, problem-solving approaches on such topics as earnings, deductions, budgets, investments, credit, mortgages, and secured loans.

243000--PRE-CALCULUS

GRADE: 12

CREDIT: 1

PREREQUISITE: ALGEBRA II

This course is for students on grade level with completed appropriate prerequisites and desiring a foundation for higher-level mathematics. Topics covered: Trigonometry, real numbers and coordinates, functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, vectors, complex numbers, sequences and series, and use of the Binomial Theorem.

243001--PRE-CALCULUS-PAP

GRADE: 11

CREDIT: 1

PREREQUISITE: GEOMETRY-PAP

The Pre-AP student in Pre-Calculus defines and evaluates trigonometric functions, solves triangles, proves identifies, solves trig equations, graphs trig functions, and works with polar equations. The student will also solve and graph algebraic functions, use logarithms to solve problems, study the conic sections and work with sequences and series, vectors, and three-space. The PAP student is issued a TI-82 graphing calculator and will be expected to use it throughout the entire course. This course is the final preparation class before taking AP Calculus.

274002—STATISTICS DUAL CREDIT 1342

GRADE: 12

CREDIT: 1

PREREQUISITE: TSI COMPLETE IN MATH & ACCEPTANCE INTO KILGORE COLLEGE

This course is a study of collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals, and hypothesis testing. An instructor- approved graphing calculator is required.

HEALTH**710800--HEALTH EDUCATION**

GRADE: 9-12

CREDIT: .5

PREREQUISITE: NONE

This course is a study of mental and physical health information, attitudes, and practices. Topics include psychological aspects of drug abuse, alcohol and tobacco, mental health, infectious and chronic diseases, dental health, grooming, human sexuality, consumerism and health careers. This course is required for graduation.

SCIENCE

322000--BIOLOGY I

GRADE: 9-10

CREDIT: 1

PREREQUISITE: NONE

Biology is the study of living things. The course begins with the fundamental concepts of life on the cellular level and proceeds to the most complex organisms, the human being. Corresponding laboratory experience is an integral part of each concept. Special projects that allow students individual investigations are required during the year. This course is intended for the average to above average student.

312002--BIOLOGY I-PAP

GRADE: 9

CREDIT: 1

PREREQUISITE: NONE

Biology I-PAP will involve a comprehensive study of biological principles including ecology, cells, genetics, evolution, microorganisms, plants, invertebrates, vertebrates and biochemistry. Higher level thinking skills will be used in problem solving exercises. Two separate collections will be required: an insect collection in the fall and a wildflower collection in the spring.

312012—BIOLOGY AP

GRADE: 11-12

CREDIT: 1

PREREQUISITE: BIOLOGY I, CHEMISTRY 1, PHYSICS 1

A lab-oriented course with independent studies designed to prepare college-bound students for a more in depth study of microbiology, morphology, genetics, cytology of plants, and animals, comparative anatomy, and endocrinology. Contemporary issues as they relate to biological concepts will be examined in the course of study.

333000--CHEMISTRY I

GRADE: 10-11

CREDIT: 1

PREREQUISITE: ALGEBRA 1, BIOLOGY

Chemistry 1 is the study of the composition of substances (matter), the changes that substances undergo, and the causes for these changes. It is a deeper study of physical science content with more extensive individual lab experience than encountered in earlier sciences. Students should have a good mathematical background.

333002--CHEMISTRY I-PAP

GRADE: 10

CREDIT: 1

PREREQUISITE: ALGEBRA I, BIOLOGY

In chemistry, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that may include: characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives. The PAP Chemistry includes higher level thinking skills, a more difficult grading system, and students are required to present several projects throughout the class.

343002--CHEMISTRY AP

GRADE: 12

CREDIT: 1

PREREQUISITE: CHEMISTRY I, BIOLOGY 1 & PHYSICS 1

The Chemistry II-AP program builds on the basic principles studied in Chemistry I-PAP. It includes more laboratory

investigations, with an emphasis on quantitative results; and a higher degree of mastery or concepts. Part of the course will be an individualized research project chosen by the student with the help of the teacher.

362000--EOC/STAAR SCIENCE

GRADE: 11-12

CREDIT: .5-1 LOCAL CREDIT PER SEMESTER

PREREQUISITE: COUNSELOR OR PRINCIPAL APPROVAL

This course strengthens the skills tested on the Biology (EOC/STAAR). By acquiring the skills taught in this remediation class, students will be better prepared to succeed on the Biology EOC/STAAR test. EOC/STAAR is a state-developed test. It is designed to provide an accurate measure of learning in Texas schools.

311000--INTEGRATED PHYSICS AND CHEMISTRY

GRADE: 9-10

CREDIT: 1

PREREQUISITE: NONE

This course offers the student an introduction to basic physics and chemistry. The student will use skills in acquiring data through the senses, in classification of data, and in measurement. Drawing logical inferences, predicting outcomes, forming generalizations, and relating objects and events to their objects and events will be stressed. Lab skills will be used in observations and manipulating the conditions of investigations. The application of science in daily life will be an important aspect of the course. Selection must be approved by the science department and/or counselor and principals.

346000--PATHOPHYSIOLOGY

GRADE: 12

CREDIT:1

PREREQUISITE: 3 YEARS OF SCIENCE

Pathophysiology is the study of the disturbance of normal mechanical, physical, and biochemical functions, either caused by a disease, or resulting from a disease or abnormal syndrome, or condition that may not qualify to be called a disease.

344000—PHYSICS

GRADE: 11-12

CREDIT: 1

CO/PREREQUISITE: CHEMISTRY 1, ALGEBRA II

In Physics, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; characteristics and behavior of waves; and atomic, nuclear, and quantum physics. Students who successfully complete Physics will acquire factual knowledge within a conceptual framework, practice experimental design and interpretation, work collaboratively with colleagues, and develop critical thinking skills.

344001--PHYSICS I-PAP

GRADE: 11-12

CREDIT: 1

PREREQUISITE: ALGEBRA I, CHEMISTRY 1

Physics-PAP is the study of mechanics, wave phenomena, heat, light, sound, electricity and magnetism. The course also includes atomic and particle physics.

344002— PHYSICS AP

GRADE: 11-12

CREDIT: 1

PREREQUISITE: PHYSICS 1, CHEMISTRY 1, BIOLOGY 1 AND CONCURRENT OR PREVIOUS PRECALCULUS

This course extends the basic physics principles learned in Physics I to more complex investigations. Parts of the course are tailored to the particular interests of the individual student.

SOCIAL STUDIES

448000--ECONOMICS

GRADE: 12

CREDIT: .5

PREREQUISITE: NONE

To provide a basic understanding for an appreciation of the American Free Enterprise System, which is characterized by private ownership of the means of production and distribution of goods and services. Topics of study in this course include private decision-making in the investment process, business cycles of inflation and deflation, consumerism, the Federal Reserve System, the profit motive, competition, economic interdependence, and the role of business, labor, government, and individuals in the American Free Enterprise System.

435007-- PERSONAL FINANCIAL LITERACY

GRADE: 10-12

CREDIT: .5

PREREQUISITE: NONE

Personal Financial Literacy will develop citizens who have the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility. The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, build businesses, consume goods and services in a responsible way, and secure a future without depending on outside assistance. The economy benefits from the optimal use of resources, increased consumption, and strong local businesses. State and local governments benefit with steady revenue streams and reduced future obligations as our society ages.

446000--PSYCHOLOGY

GRADE: 10-12

CREDIT: .5

PREREQUISITE: NONE

The psychology course scientifically studies human and animal behavior through the six approaches to present day mental, physical, and behavioral development. The course covers six to eight chapters ranging from a basic introduction through ways of experimentation; the brain and the body to sensation and perception; principles of learning to abnormal/clinical psychological diseases. Projects include bi-monthly current events, brain anatomy model, virtual rat training, and 2-3 in-class presentations. This is a cross-discipline elective that relies heavily on biology and general science.

447000--SOCIOLOGY

GRADE: 10-12

CREDIT: .5

PREREQUISITE: NONE

Sociology, a companion course to Psychology, concerns itself with human group interaction on several levels. Looking at groups as large as entire cultures or as small as a family, the course covers such diverse topics as adolescence, conformity, education, religion, race/racism, and wealth and poverty, to name a few. Class is discussion oriented and student participation is encouraged.

474202—TEXAS GOVERNMENT DUAL CREDIT 2306

GRADE: 12

CREDIT: 1

PREREQUISITE: TSI COMPLETE IN READING/WRITING & ACCEPTANCE INTO KILGORE COLLEGE

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

444000--UNITED STATES GOVERNMENT

GRADE: 12

CREDIT: .5

PREREQUISITE: NONE

Places emphasis on the development and foundations of the U.S. Political system, its structures and functions, recognizes significant individuals who played important roles in establishing the U.S. Government. The student is given opportunities to participate and make decisions in civic affair.

474002—UNITED STATES GOVERNMENT DUAL CREDIT 2305

GRADE: 12

CREDIT: 1

PREREQUISITE: TSI COMPLETE IN READING/WRITING & ACCEPTANCE INTO KILGORE COLLEGE

Origin and development of the U.S. Constitution, structure and powers of the national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

433000-- UNITED STATES HISTORY

GRADE: 11

CREDIT: 1

PREREQUISITE: NONE

U.S. History deals briefly with the formation to reunification of our nation. The course also illustrates the geographic, social cultural, economic, and political influences and how these elements affect the historical development of our nation. An in-depth study covers industrialization's influence on society, reform movements, overseas expansion, World War I, prosperity of the 1920's, Depression and World War II, Challenges of the Postwar Era, Inflationary Economy, the World of the Future, and environmental problems.

433002—UNITED STATES HISTORY AP

GRADE: 11

CREDIT: 1

PREREQUISITE: WORLD HISTORY-PAP OR TEACHER RECOMMENDATION

U.S. History-AP is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials-their relevance to a given interpretive problem, their reliability, and their importance-and to weigh the evidence and interpretations presented in historical scholarship. An AP United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format.

473002—U.S. HISTORY/ ADVANCED SOCIAL STUDIES DUAL CREDIT 1301, 1302

GRADE: 11

CREDIT: 1

PREREQUISITE: TSI COMPLETE IN READING/WRITING & ACCEPTANCE INTO KILGORE COLLEGE

HIST 1301- A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

HIST 1302- A survey of the social, political, economic, cultural, and intellectual history of the United States from the Civil War/Reconstruction era to the present. United States History II examines industrialization, immigration, world wars, the Great Depression, Cold War and post-Cold War eras. Themes that may be addressed in United States History II include: American culture, religion, civil and human rights, technological change, economic change, immigration and migration, urbanization and suburbanization, the expansion of the federal government, and the study of U.S. foreign policy.

411000--WORLD GEOGRAPHY

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

World Geography is a study of earth and its people with an emphasis on world affairs, both historically and currently. Topics of study include physical features of the earth, including map study, cultural features of the various continents and the role of politics in geography and world affairs.

422000--WORLD HISTORY

GRADE: 10

CREDIT: 1

PREREQUISITE: NONE

Encompasses location of major physical features; a survey of the ancient civilizations of Greece, Rome, China, and Japan; the rise of Judaism, Islam, Christianity and African history; formation of the medieval period of the Renaissance and the reformation; analysis of the Byzantine and Moslem societies on Western civilization; and expansion of European influence around the world through exploration, investment and colonization. Emphasis on the developments of the 20th century such as the revolutions, movements of social protest and the world wars are covered through a study of nationalism, imperialism, capitalism, socialism, and communism. Analysis of worldwide economic interdependence on the world today is made through a study of energy resources and the American market system.

412001--WORLD HISTORY PAP

GRADE: 10

CREDIT: 1

PREREQUISITE: WORLD GEOGRAPHY-PAP OR TEACHER RECOMMENDATION

The student in the World History PAP class will obtain an in-depth study of the world which encompasses location of major physical features; a survey of the ancient civilizations of Greece, Rome, China, and Japan; the rise of Judaism, Islam, Christianity and African history; formation of the medieval period of the Renaissance and the reformation; analysis of the Byzantine and Moslem societies on Western civilization; and expansion of European influence around the world through exploration, investment and colonization. Emphasis on the developments of the 20th century such as the revolutions, movements of social protest and the world wars are covered through a study of nationalism, imperialism, capitalism, socialism, and communism. Analysis of worldwide economic interdependence on the world today is made through a study of energy resources and the American market system. The PAP student will be expected to produce original projects, both inside and outside, the classroom.

PHYSICAL EDUCATION**P. E.**

CREDIT: 1

PREREQUISITE: COURSES WILL BE TAKEN IN A SEQUENCE

711100---BOYS'/ 712100---GIRLS' FOUNDATIONS OF PERSONAL FITNESS 1**721310---BOYS'/ 722310---GIRLS' ADVENTURE/ OUTDOOR EDUCATION 2****731100---BOYS'/ 732100---GIRLS' AEROBIC ACTIVITIES 3****741100---BOYS'/ 742100---GIRLS' INDIVIDUAL OR TEAM SPORTS 4**

The Physical Education program consists of a variety of activities that provide students with (1) knowledge and motor skills basic to efficient movement, (2) rules, knowledge, and skill basic to proficient and team sports, (3) motivation and development of a high level of knowledge and fitness and the ability to maintain this level, and (4) knowledge and skills for leisure and lifetime sports activities. *

CREDIT: (A MAXIMUM OF 4 CREDITS MAY BE EARNED IN PHYSICAL EDUCATION)

*Activities for team sports include: softball, basketball, volleyball, flag football, and soccer.

*Individual activities include: archery, swimming, miniature golf, badminton, tennis, paddle ball, horseshoes, table tennis, and golf. Classes are conducted on a coed basis with exercises each day.

DRILL TEAM

712540—GIRLS' P.E.: (DRILL TEAM)

GRADE: 9-12

CREDIT: 1

PREREQUISITE: PLACEMENT ON DRILL TEAM

A Physical Education course specializing in drill team dancing will be offered in the fall for all drill team members and the spring for members and anyone interested in trying out for drill team. This class will offer practice time for routines, stretching techniques, fundamentals of dance, and some routine choreography.

722540--J.V. GIRLS' DRILL TEAM (COUNTS AS DANCE CREDIT)

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PLACEMENT ON DRILL TEAM

732540--VARSITY GIRLS' DRILL TEAM I (COUNTS AS DANCE CREDIT)

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PLACEMENT ON DRILL TEAM

645000--VARSITY GIRLS' DRILL TEAM II--- (COUNTS AS DANCE CREDIT)

GRADE: 11-12

CREDIT: 1

PREREQUISITE: PLACEMENT ON DRILL TEAM

CHEERLEADING

730560--VARSITY CHEERLEADING I

GRADE: 11-12

CREDIT: .5-1

740560--VARSITY CHEERLEADING II

GRADE: 12

CREDIT: .5-1

ATHLETICS

CREDIT: 1

PREREQUISITE: COACH'S APPROVAL

712300—GIRLS' ATHLETICS (9TH GRADE)

722300—GIRLS' ATHLETICS (10TH GRADE)

732300—GIRLS' ATHLETICS (11TH GRADE)

742300—GIRLS' ATHLETICS (12TH GRADE)

711300—BOYS' ATHLETICS (9TH GRADE)

721300—BOYS' ATHLETICS (10TH GRADE)

731300—BOYS' ATHLETICS (11TH GRADE)

741300---BOYS' ATHLETICS (12TH GRADE)

711430—BOYS' SOCCER (9TH GRADE)

721430-- BOYS' SOCCER (10TH GRADE)

731430-- BOYS' SOCCER (11TH GRADE)

741430-- BOYS' SOCCER (12TH GRADE)

OTHER P.E. CREDITS: THE FALL SEMESTER OF BAND COUNTS AS P.E. AND THE SPRING SEMESTER COUNTS AS FINE ARTS

FINE ARTS

ART

LEVEL ONE COURSES:

There are two Art 1 Courses for students and either one will allow students to progress to ANY of the secondary courses. Art 1 is a prerequisite to all Level 2 courses.

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

621000--ART 1 (ART & MEDIA COMMUNICATIONS)

The student develops and expands visual literacy skills using critical thinking, imagination, and the senses to observe and explore the world by learning about, understanding, and applying the elements of art, principles of design, and expressive qualities. The student uses what the student sees, knows, and has experienced as sources for examining, understanding, and creating original artwork.

611000--ART 1 (GENERAL)

This is a survey class that is a foundation for the concentrated study on the Fine Arts and includes Crafts, the awareness of the environment through the study of the art elements and principles in design which include: drawing, painting, printmaking, sculpture and major crafts. And finally, the appreciation of self and others through the study of art history, and aesthetic growth through visual discrimination are the goals of this course.

LEVEL TWO COURSES:

GRADE: 10-12

CREDIT: 1

PREREQUISITE: LEVEL 1

621600—DESIGN 1 (ART 2)

This course is for the Graphic Design Artist planning to major in the Commercial Graphic Arts Field. The course will cover the elements and principles of design, historical background of Graphic Arts in America, typography, page layout, logos and package design. Studio planning and hand drawn design will be developed and finished in the Photoshop and Illustrator Programs. Some digital photography will be presented.

621200--DRAWING 1 (ART 2)

This course is available for the Fine Art Studio direction. The major goal of the course is to explore the major historical and cultural influences on today's artists working in Museums and Galleries of today. Students will explore the following media; charcoal, graphite, paint, water media, ink, color pencil and a variety of creative mark making tools.

621400--SCULPTURE 1 (ART 2)

A 3-dimensional design course that focuses on basic techniques and studio projects involved in three dimensional works of art. A variety of mediums are covered such as clay, plaster, cement, wood, paper mache and synthetic clays.

LEVEL THREE COURSES:

GRADE: 11-12

CREDIT: 1

PREREQUISITE: LEVEL 2

631600-DESIGN 2 (ART 3)

The student communicates ideas through original artwork using a variety of media with appropriate skills. The student expresses thoughts and ideas creatively while challenging the imagination, fostering reflective thinking, and developing disciplined effort and progressive problem-solving skills.

631200--DRAWING 2 (ART 3)

An advanced course in drawing including the history, techniques and advanced studio production work based in a portfolio evaluation format for grading. Students are independent in designing course direction.

631400--SCULPTURE 2 (ART 3)

An advanced study in 3D works of art including contemporary sculptural forms

LEVEL FOUR AP COURSES (ADVANCED PLACEMENT)

GRADE: 12

Credit: 1

The **PREREQUISITE** for all level 4 courses: The student must have **TEACHER APPROVAL** and at least a B average in lower level ART Courses. If a student wishes to enter an AP course without prior Art Courses they must submit a portfolio of no less than 12 works of art that prove understanding of the element and principles of design as well as above average techniques in at least three different mediums.

STUDENTS MUST PAY A FEE FOR ART AP COURSES—THE FEE COVERS THE COST OF THE AP EXAM WHICH IS TAKEN IN THE SPRING.

ALL STUDENTS ENROLLED IN AP ART MUST TAKE THE EXAM.

The Independent Course that is student directed requires 24 works of art to be submitted for the AP Exam.

671202--AP STUDIO ART – DRAWING

This portfolio is intended to address a very broad interpretation of drawing issues and media. Line quality, light and shade, rendering of form, composition, surface manipulation, the illusion of depth and mark-making are drawing issues that can be addressed through a variety of means, which could include painting, printmaking, mixed media, etc.

631002—AP STUDIO 2-D DESIGN

For this portfolio, students are asked to demonstrate understanding of 2-D design through any two-dimensional medium or process, including, but not limited to, graphic design, digital imaging, photography, collage, fabric design, weaving, fashion design, fashion illustration, painting and printmaking.

MUSIC/ BAND

GRADE: 9-12

CREDIT: 1

PREREQUISITE: APPROVAL OF DIRECTOR

612400---APPLIED MUSIC I

622400—APPLIED MUSIC II

632600—MUSIC 3, JAZZ

642600—MUSIC 4, JAZZ

Advanced instrumental instruction is provided in solo and ensemble preparation. Performance requirements will be met through participation in U.I.L. Contests and All-Region additions.

612000—BAND 1

622000—BAND 2

632000—BAND 3
642000—BAND 4

GRADE: 9-12
CREDIT: 1
PREREQUISITE: 8TH GRADE BAND MEMBER

The band will stress music theory, proper instrumental technique and creative self-expression. Students will be given opportunities to develop musically in preparing for individual and group parts demanding memorization of music and marching drills. Members of the band will be involved in marching and all-region participation in the fall semester. The spring semester will focus on solo, ensemble and concert playing.

CHOIR

CREDIT: 1
PREREQUISITE: TRYOUTS AND APPROVAL OF DIRECTOR

J.V. TREBLE CHOIR

613000— J. V. GIRLS' CHOIR (9TH GRADE)

623000— J. V. GIRLS' CHOIR (10TH GRADE)

633000— J. V. GIRLS' CHOIR (11TH GRADE)

643000— J. V. GIRLS' CHOIR (12TH GRADE)

This course is designed to continue building choral skills; with emphasis on sight reading and part singing. Students will be encouraged to participate in all-region tryouts and U.I.L. contests. All members will be required to perform in at least one major concert each semester.

VARSITY CHOIR

613400--VARSITY GIRLS' CHOIR (9TH GRADE)

623400— VARSITY GIRLS' CHOIR (10TH GRADE)

633400— VARSITY GIRLS' CHOIR (11TH GRADE)

643400— VARSITY GIRLS' CHOIR (12TH GRADE)

Members of these groups are selected through tryouts and must have a certain degree of musical ability and experience. More advanced vocal training will build on prior knowledge of music fundamentals and sight reading. There will be more opportunities for performances, contests, festivals, civic and community events, as well as all-region and U.I.L. events. Students are required to enroll for the entire year.

613200-- MEN'S ENSEMBLE CHOIR (9TH GRADE)

623200-- MEN'S ENSEMBLE CHOIR (10TH GRADE)

These courses are designed to continue building choral skills; with emphasis on sight reading and part singing. Students will be encouraged to participate in all-region tryouts and U.I.L. contests. All members will be required to perform in at least one major concert each semester.

633200— MEN'S ENSEMBLE CHOIR (11TH GRADE)

643200-- MEN'S ENSEMBLE CHOIR (12TH GRADE)

These courses are considered advanced choir. Students will perform music covering a wide variety of musical styles, forms and time periods. This will be the most demanding class on a vocal students' time and talent. This group participates in all contests and concerts.

DANCE

615000--DANCE I

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

Dance offers the student the opportunities to learn beginning ballet, jazz, hip hop, modern and social dancing techniques, as well as acquire a vocabulary of dance movement; a knowledge of factors that influence movement; and the ability to creatively express themselves through movement; and an awareness of space, time, and energy in dance technique or composition. Students will develop self-confidence through the use of the body as an expressive instrument and will develop an appreciation of dance as an art form.

THEATRE

614000--THEATRE ARTS I

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

An introductory course to theatre that includes the study of basic acting concepts and skills, expressive use of the body and voice, theatre production concepts and aesthetic growth in thorough appreciation of theatrical events.

624000--THEATRE ARTS II

GRADE: 10-12

CREDIT: 1

PREREQUISITE: THEATRE ARTS I and Teacher Approval

A continuation course utilizing Theatre Arts I skills, plus the study of advanced characterization, and career opportunities.

634000--THEATRE ARTS III

GRADE: 11-12

CREDIT: 1

PREREQUISITE: THEATRE ARTS II and Teacher Approval

This course presents opportunities to progress in all levels of theatrics. The students will be introduced to the four basic strands of theatrical study (perception, creative expression/performance, historical and cultural heritage, and critical evaluation) which are extended through a variety of theatrical experiences.

644000--THEATRE ARTS IV

GRADE: 12

CREDIT: 1

PREREQUISITE: THEATRE ARTS I-III and Teacher Approval

This course is an advanced course, which provides opportunities for developing directing techniques and playwriting techniques. The student shall be provided opportunities to recognize career opportunities, attend live theatrical events, and evaluate theatrical experiences.

614200--TECHNICAL THEATRE I

GRADE: 9

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL

Technical theatre I introduces the basics of costume design/construction, makeup design/application including special effect makeup, and set design. Technical theatre students assist with these aspects of student productions and may also serve as technical crew for the lighting and sound design/implementation for those productions.

624200--TECHNICAL THEATRE II

634200--TECHNICAL THEATRE III

644200--TECHNICAL THEATRE IV

GRADE: 10

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL

Technical Theatre II, III, & IV will afford students the opportunity to continue to study and develop their knowledge of technical theatre arts on a more challenging level. Students explore and apply a myriad of technical theatre concepts and skills. Students will exercise and develop creativity, intellectual curiosity, critical thinking, problem solving, and collaborative skills. Participation and evaluation in a variety of theatrical experiences will afford students opportunities to develop an understanding of self and their role in the world.

DUAL CREDIT**672802—MUSIC APPRECIATION DUAL CREDIT 1306**

GRADE: 11

CREDIT: 1

PREREQUISITE: TSI COMPLETE IN READING/WRITING AND ACCEPTANCE INTO KILGORE COLLEGE

A course training the student in the art of creative listening and acquainting him with composers and their works.

LANGUAGES OTHER THAN ENGLISH**117000--SPANISH I**

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

Through development of listening, speaking, reading, and writing skills, students learn to communicate on everyday topics. They also have the opportunities to experience various aspects of another culture. Through the study of a foreign language, students will gain the skills necessary for learning any foreign language.

127000--SPANISH II

GRADE: 9-12

CREDIT: 1

PREREQUISITE: SPANISH I

This course broadens the scope of the students' communication skills. Students further their knowledge of the history and culture of the countries in which the language is spoken. They also further develop language learning techniques.

137002--SPANISH III

GRADE: 11-12

CREDIT: 1

PREREQUISITE: SPANISH II

Level III will include a more in-depth study of language with emphasis on an expanded vocabulary, fuller comprehension of grammatical structures, introductory readings in literature with the TEKS being mastered to a greater extent than at the other levels. Culture will be presented through readings and expanded through conversation and research of contemporary and classic publications. In accomplishing these goals, a higher level of thinking skills in oral, written, and cultural activities will be applied.

CAREER AND TECHNOLOGY EDUCATION

AGRICULTURE SCIENCE AND TECHNOLOGY EDUCATION

835200--ADVANCED ANIMAL SCIENCE (WILL ALSO COUNT AS ADV. SCIENCE CREDIT FOR GRADUATION)

GRADE: 12

CREDIT: 1

PREREQUISITE: ONE COURSE FROM THE AGRICULTURAL SECTION

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

859207—ADVANCED FLORAL DESIGN

GRADE: 10-12

CREDIT: 1

PREREQUISITE: FLORAL DESIGN

825000--AGRICULTURAL MECHANICS & METAL TECHNOLOGIES

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE

To be prepared for careers in agricultural power, structural, and technical systems, students need to attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

815210--EQUINE SCIENCE

GRADE: 10-12,

CREDIT: .5

PREREQUISITE: PRINCIPLES OF AGRICULTURE

A course designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses.

859200--FLORAL DESIGN

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE

To be prepared for careers in floral design, students need to attain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises.

Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

825600--FORESTRY & WOODLAND ECOSYSTEM

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE

A course designed to provide a study of the forestry and wood technology industries. Instruction includes a historical perspective of the industries as a benchmark for the development of technical skills in the areas of dendrology, biometrics, forest management, forest utilization and wood product technology, and research and development in the forestry and wood industry. Instruction in safe working practices, leadership, career exploration, and record keeping skills will be provided.

815400--HORTICULTURE SCIENCE

GRADE: 9-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE

Introduction to Horticultural Sciences is an exploratory course designed to introduce students to horticultural sciences with emphasis on technical skills, entrepreneurship, occupational opportunities, and horticultural business practices. Topics of instruction include plant identification and classification, greenhouse and nursery structures and equipment, plant propagation, and cultural requirements for growing horticultural plants. Also included is related information on landscaping; floral design; fruit, nut, and vegetable crop production; safety; leadership; and career opportunities.

825810—INTRODUCTION TO WELDING

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE

Introduction to Welding will provide an introduction to welding technology with an emphasis on basic welding laboratory principles and operating procedures. Students will be introduced to the three basic welding processes.

815410--LANDSCAPE DESIGN & MANAGEMENT

GRADE: 9-12

CREDIT: .5

PREREQUISITE: PRINCIPLES OF AGRICULTURE

The student is expected to identify career development and entrepreneurship opportunities in the field of landscape design, construction, and maintenance; apply competencies related to resources, information, interpersonal skills, and systems of operation in landscape design, construction, and maintenance demonstrate knowledge of personal and occupational safety practices in the workplace identify employers' expectations, appropriate work habits, and good citizenship skills; and plan and conduct supervised agricultural experience programs, The student identifies environmental, aesthetic, and financial benefits of landscaped sites.

815420--TURF GRASS MANAGEMENT

GRADE: 9-12

CREDIT: .5

PREREQUISITE: PRINCIPLES OF AGRICULTURE

NEW CLASS 2017-18**825200--LIVESTOCK PRODUCTION**

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE

To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry.

845000--PRACTICUM IN AGRICULTURE, FOOD & NATURAL RESOURCES

GRADE: 12

CREDIT: 2

PREREQUISITE: PRINCIPLES OF AGRICULTURE

This course is recommended for students in Grades 11-12. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources cluster. Recommended prerequisite: a minimum of one credit from the courses in the Agriculture, Food, and Natural Resources cluster.

The practicum is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories

815000--PRINCIPLES OF AGRICULTURE, FOOD & NATURAL RESOURCES

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce, experience, apply, and transfer their knowledge and skills in a variety of settings.

855000--PROFESSIONAL STANDARDS IN AGRIBUSINESS

GRADE: 9-12

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL

To be prepared for careers in agribusiness systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to leadership development and the workplace, and develop knowledge and skills regarding agricultural career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course primarily focuses on leadership, communication, employer-employee relations, and problem solving as they relate to agribusiness.

815200--SMALL ANIMAL MANAGEMENT

GRADE: 10-12

CREDIT: .5

PREREQUISITE: PRINCIPLES OF AGRICULTURE

To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. Suggested small animals which may be included in the course of study include, but are not limited to, small mammals, amphibians, reptiles, avian, dogs, and cats.

875202--VETERINARY MEDICAL APPLICATIONS

GRADE: 11-12

CREDIT: 1

PREREQUISITE: TEACHER APPROVAL

The VAC is an intense study into animal care, health, nutrition, and veterinary medicine. Familiarization with the equipment, tools and devices used in the field is taught. Recognition of the most common diseases and their treatments, anatomy and pharmacology of drugs used to treat the most common diseases, are covered in-depth. Students will be given the opportunities to take the Veterinary Certification Level One exam upon completion of the course.

835800—WELDING I

GRADE: 11-12

CREDIT: 2

PREREQUISITE: PRINCIPLES OF AGRICULTURE

Rapid advances in technology have created new career opportunities and demands in many industries. Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical prepare students for future success knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare the student for future success.

835801—WELDING II

GRADE: 12

CREDIT: 2

PREREQUISITE: WELDING I

Advanced Welding builds on knowledge and skills developed in Welding. Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems.

875802—WELDING DUAL CREDIT 1421, 1428

GRADE: 11-12

CREDIT: 3

PREREQUISITE: PASSING SCORE ON ENGLISH 2 EOC AND ACCEPTANCE INTO KILGORE COLLEGE

1421- An introduction to the fundamentals of equipment used in oxy-fuel and arc welding, including welding and cutting safety, basic oxy-fuel welding and cutting, basic arc welding processes and basic metallurgy.

1428- An introduction to shielded metal arc welding process. Emphasis placed on power sources, electrode selection, oxy-fuel cutting, and various joint designs. Instruction provided in SMAW fillet welds in various positions.

815600—WILDLIFE, FISHERIES & ECOLOGY MANAGEMENT

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF AGRICULTURE

A course designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resource

BUSINESS & TECHNOLOGY**821600--ACCOUNTING I**

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING & FINANCE

Information provides students with the basic principles necessary for planning, controlling, analyzing, and interpreting financial records as they relate to business. Instruction integrates both manual and computerized accounting systems. Students learn concepts necessary for success in college-level accounting courses as well as entry-level work-related skills.

831600--ACCOUNTING II

GRADE: 11-12

CREDIT: 1

PREREQUISITE: ACCOUNTING I

Covers the complete accounting cycle for a merchandising business organized as a corporation. The fundamental

principles of accounting will be reinforced, but the course will focus primarily on more advanced accounting concepts and procedures. These procedures include recording transactions into different types of journals, posting to ledgers, recording purchases returns and allowances, recording international sales, accounting for uncollectible accounts, and distributing dividends.

821200--BANKING & FINANCIAL SERVICES

GRADE: 10-12

CREDIT: .5

PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING & FINANCE

Course provides students with a valuable overview of the main concepts of our banks and our financial system. Topics will include the role of money in the modern economy, principal functions of financial institutions, services of banking and financial institutions, and comparison of business opportunities. Personal finance and credit will also be discussed.

828000--BUSINESS INFORMATION MANAGEMENT

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

839900 (A)/ 839910 (B)--CAREER PREPARATION I

GRADE: 11-12

CREDIT: 2

PREREQUISITE: TEACHER APPROVAL

Career Preparation I provides opportunities for students to participate in a learning experience that combines classroom instruction with paid business and industry employment experiences and support strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development.

849900 (A)/ 849910 (B)--CAREER PREPARATION II

GRADE: 12

CREDIT: 2

PREREQUISITE: CAREER PREP I

Career Preparation II develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students will develop skills for lifelong learning, employability, leadership, management, work ethics, safety, and communication as a group; however, each student will have an individual training plan that will address job-specific knowledge and skills. Approved training sponsors will provide paid occupational training for a student. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student's specific career preparation.

828200—COMPUTER PROGRAMMING

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF INFORMATION TECHNOLOGY

Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

838200—COMPUTER PROGRAMMING II

GRADE: 11-12

CREDIT: 1

PREREQUISITE: COMPUTER PROGRAMMING

Students expand their knowledge and skills in structured programming techniques and concepts by addressing more complex problems and developing comprehensive programming solutions. Students analyze the social responsibility of business and industry regarding the significant issues relating to environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

828400--DIGITAL AND INTERACTIVE MEDIA

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF INFORMATION TECHNOLOGY

Digital and Interactive Multimedia (DIM) is designed to introduce students to careers in the Arts, A/V Technology and Communications Industry. In addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication are required. Within this context, students will be expected to develop an understanding of the various and multi-faceted career opportunities in this cluster and the knowledge, skills and educational requirements for those opportunities

819000---FASHION DESIGN

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

This course is designed to introduce students to the world of fashion while providing the opportunity to learn about the principles and elements of design, fashion drawing, textiles, history of fashion, and career paths in the fashion industry.

811000--MONEY MATTERS

GRADE: 9-10

CREDIT: 1

PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING & FINANCE

Students will investigate global economics with emphasis on the free enterprise system and its impact on consumers and businesses. Students apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to set long-term financial goals based on those options. Students will determine methods of achieving long-term financial goals through investment, tax planning, asset allocation, risk management, retirement planning, and estate planning.

811200--PRINCIPLES OF BUSINESS, MARKETING & FINANCE

GRADE: 9

CREDIT: 1

PREREQUISITE: NONE

In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance

818000--PRINCIPLES OF INFORMATION TECHNOLOGY

GRADE: 9-12

CREDITS: 1

PREREQUISITE: NONE

The course emphasizes the knowledge and skills associated with the basics of computer education. Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement person and interpersonal skills to prepare for a rapidly evolving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

821400--SECURITIES & INVESTMENTS

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF BUSINESS, MARKETING & FINANCE

Provides students with a valuable overview of the main concepts of our banks and our financial system. Topics will include the role of money in the modern economy, principal functions of financial institutions, services of banking and financial institutions, and comparison of business opportunities. Personal finance and credit will also be discussed.

828600--WEB TECHNOLOGIES

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF INFORMATION TECHNOLOGY

Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

CULINARY ARTS**833300--ADVANCED CULINARY ART**

GRADES: 11-12

CREDIT: 2

PREREQUISITE: CULINARY

This course builds on the techniques and skills learned in the Culinary Arts course and students begin to gain in depth knowledge and hands on skill mastery. Strong importance is given to the classic fundamentals in the commercial kitchen.

823300--CULINARY ARTS

GRADE:10-12

CREDIT: 2

PREREQUISITE: PRINCIPLES OF HOSPITALITY AND TRAVEL & TOURISM

This course introduces students to fundamental preparation terms, concepts and methods in Culinary Arts. There is emphasis on basic kitchen and dining room safety and sanitation, preparation techniques, and equipment procedures. The course also provides an overview of the professionalism in the industry and career opportunities.

843300--FOOD SCIENCE (CAN COUNT AS AN ADVANCED SCIENCE)

GRADE: 12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF HOSPITALITY

In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.

823310--INTRODUCTION TO CULINARY

GRADE: 10

CREDIT: 1

PREREQUISITE: PRINCIPLES OF HOSPITALITY

This course introduces students to fundamental preparation terms, concepts and methods in Culinary Arts. There is emphasis on basic kitchen and dining room safety and sanitation, preparation techniques, and equipment procedures.

813000--PRINCIPLES OF HOSPITALITY AND TOURISM

GRADE: 9

CREDIT: 1

PREREQUISITE: NONE

This course encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry.

813100--TRAVEL & TOURISM MANAGEMENT

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF HOSPITALITY AND TOURISM

This course incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

PUBLIC SERVICES**EDUCATION & TRAINING****822000--HUMAN GROWTH & DEVELOPMENT**

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF EDUCATION & TRAINING

Human Growth and Development is an examination of human development across the lifespan with emphasis upon research, theoretical perspectives, and common physical, cognitive, emotional, and social developmental milestones. The course covers material that is generally taught in a postsecondary, one-semester introductory course in developmental psychology or human development.

832000--INSTRUCTIONAL PRACTICES IN EDUCATION & TRAINING

GRADE: 11

CREDIT: 2

PREREQUISITE: PRINCIPLES OF EDUCATION & TRAINING AND HUMAN GROWTH & DEVELOPMENT

Instructional Practices in Education and Training is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, develop materials for educational environments, assist with record keeping, and complete other responsibilities of teachers, trainers, paraprofessionals, or other educational personnel.

842000--PRACTICUM IN EDUCATION & TRAINING

GRADE: 12

CREDIT: 2

PREREQUISITE: INSTRUCTIONAL PRACTICES IN EDUCATION & TRAINING

Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary-, middle school-, and high school-aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional materials, assist with record keeping, make physical arrangements, and complete other responsibilities of classroom teachers, trainers, paraprofessionals, or other educational personnel.

812000--PRINCIPLES OF EDUCATION & TRAINING

GRADE: 9—12

CREDIT: 1

PREREQUISITE: NONE

Principles of Education and Training is designed to introduce learners to the various careers available within the education and training career cluster. Students use self-knowledge and educational and career information to analyze various careers within the education and training career cluster. Students will also gain an understanding of the basic knowledge and skills essential to careers within the education and training career cluster. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

HEALTH SCIENCE**347000--ANATOMY & PHYSIOLOGY**

GRADE: 11-12

CREDIT: 1

PREREQUISITE: PARTICIPATING IN ALL PREVIOUS HEALTH COURSES OR TEACHER RECOMM.

This class is for seniors interested in Health Science College curriculum. It is not for the 4th year Science class. This class is for X-ray Techs, Nurses, Hygienists, and other health occupations. It is intended for students interested in science but not necessarily at the AP Biology II level.

824000--HEALTH SCIENCE THEORY/ CLINICALS

GRADE: 10-12

CREDIT: 2

PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE/ MEDICAL TERMINOLOGY

The Health Science course is designed to provide for the development of advanced knowledge and skills related to a wide variety of health careers. Students will have hands-on experiences for continued knowledge and skill development. The course may be taught by different methodologies such as clinical rotation and career preparation learning.

834200---MEDICAL TERMINOLOGY

GRADE: 10-12

CREDIT: 1

PREREQUISITE: PRINCIPLES OF HEALTH SCIENCE

This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

834000/ 834010--PRACTICUM—HEALTH SCIENCE 1**844000--PRACTICUM—HEALTH SCIENCE 2**

GRADE: 11-12

CREDIT: 2-3

PREREQUISITE: HEALTH SCIENCE THEORY

The Practicum is designed to give students practical application of previously studied knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experience.

To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.

The health science industry is comprised of diagnostic, therapeutic, health informatics, support services, and biotechnology research and development systems that function individually and collaboratively to provide comprehensive health care. Students should identify the employment opportunities, technology, and safety

requirements of each system. Students are expected to apply the knowledge and skills necessary to pursue a health science career through further education and employment.

Professional integrity in the health science industry is dependent on acceptance of ethical and legal responsibilities. Students are expected to employ their ethical and legal responsibilities and limitations and understand the implications of their actions.

81400--PRINCIPLES OF HEALTH SCIENCE

GRADE: 9 – 11

CREDIT: 1

PREREQUISITE: NONE

The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry.

824800---WORLD HEALTH RESEARCH

GRADE: 11-12

CREDIT: 1

PREREQUISITES: BIOLOGY & CHEMISTRY, COMPLETED AT LEAST ONE HEALTH SCIENCE COURSE

This course examines major world health problems and emerging technologies as solutions to these medical concerns. The course is designed to improve students' understanding of the cultural, infrastructural, political, educational, and technological constraints and inspire ideas for appropriate technological solutions to global medical care issues.

HUMAN SERVICES

817450--CHILD DEVELOPMENT

GRADE: 10

CREDIT: 1

PREREQUISITE: PRINCIPLES OF HUMAN SERVICES

This course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

817400--CHILD GUIDANCE

GRADE: 11

CREDIT: 2

PREREQUISITE: PRINCIPLES OF HUMAN SERVICES

This technical laboratory course addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs.

817200--DOLLARS & SENSE

GRADE: 9-12

CREDIT: .5

PREREQUISITE: NONE

Dollars and Sense focuses on consumer practices and responsibilities, the money management process, decision-making skills, impact of technology, and preparation for human services careers. Students are encouraged to participate in career and technical student organizations and other leadership organizations.

829000--LIFETIME NUTRITION AND WELLNESS

GRADE: 9

CREDIT: .5

PREREQUISITE: PRINCIPLES OF HUMAN SERVICES

This course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services and health sciences.

817000--PRINCIPLES OF HUMAN SERVICES

GRADE: 9-12

CREDIT: 1

PREREQUISITE: NONE

This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.

LOCAL CREDITS: (Local credits do not count toward graduation)

911000/911010—STUDY HALL A, B (Prior approval required)

932200—OFFICE ASSISTANT (Prior approval required; SENIORS only)

942300—LIBRARY ASSISTANT (Prior approval required; SENIORS only)

932200—COUNSELOR ASSISTANT (Prior approval required; SENIORS only)

UIL ACADEMICS---

<u>UIL EVENT:</u>	<u>SPONSOR:</u>
• <u>Accounting</u>	<u>Yvonne Clark</u>
• <u>Computer Applications</u>	<u>Courtney Chapman</u>
• <u>Current Issues & Events</u>	<u>Marsha Edney</u>
• <u>Journalism</u>	<u>Alisha McGee</u>
(Editorial, Feature, Headline & News Writing)	
• <u>Literary Criticism</u>	
• <u>One Act Play</u>	<u>Ryan Angell</u>
• <u>Ready Writing</u>	<u>Yvonne Clark</u>
• <u>Social Studies</u>	<u>Courtney Chapman</u>
• <u>Speech/ Debate</u>	<u>Ryan Angell</u>
• <u>Spelling & Vocabulary</u>	<u>Yvonne Clark</u>
• <u>Calculator Applications (STEM)</u>	<u>Josh Youngblood</u>
• <u>Math (STEM)</u>	<u>Trisha Price</u>
• <u>Number Sense (STEM)</u>	<u>Trisha Price</u>
• <u>Science (STEM)</u>	<u>Chris Leatherwood</u>