

Kilgore High School
Academic Planning Guide
2018-2019
Grades 9 through 12



Programs of Study

Kilgore High School strives to meet the needs of all students by offering a variety of courses through different means and levels of instruction.

Pre-Advanced Placement and Advanced Placement Courses

Enrollment in Pre-Advanced and Advanced Placement courses should be based on interest as well as ability, since the curriculum requires more advanced and intensive work. Any student may enroll in Pre-AP and AP courses; however, we recommend the student have a 90 in the previous course in the same subject or an 80 in a Pre AP or AP course. Students will remain in a Pre-AP/ AP course for at least 1 six weeks. Students who fail 2 six weeks will be changed to a regular level course.

Credits for Grade Classification

Freshman – 0 to 4.5 credits	Junior – 10-16.5 credits
Sophomore – 5-9.5 credits	Senior – 17+ credits

EXIT LEVEL TEST REQUIREMENT

Students will take End of Course tests in English I, English II, Biology, Algebra I, and United States History. Students must score Level II to show mastery on these exams.

Top Ten Percent

Under the Automatic Admission policy (Texas Education Code Section 51.803), Texas students may be eligible for automatic admission to a state college or university as an undergraduate student if they meet certain criteria. To qualify for automatic admission, a student MUST:

- 1) Earn a grade point average in the top 10 percent* of his/her high school graduating class,
- 2) Graduate from a Texas public or private high school, (of, if the student is a Texas resident, from a high school operated by the US Department of Defense),
- 3) Successfully complete the requirements for the Recommended High School Program (RHSP) or the Distinguished Achievement Program (DAP) (or the equivalent if enrolled in private school) or satisfy ACT's College Readiness Benchmarks on the ACT college entrance exam or earn a score of at least 1500 out of 2400 on the SAT college entrance exam, AND
- 4) Apply for admission to a state college or university within the first two school years after graduation from high school

Students who meet the criteria for automatic admission must submit an application before the deadline set by the college or university to which they are applying. Students must also provide a high school transcript or diploma that indicates whether they have satisfied or are on schedule to satisfy graduation requirements.

*Beginning with students graduating in the year 2018, the Distinguished Level of Achievement must be earned to be admitted to a Texas public university under the Top 10 percent automatic admission law.

Dual Credit

Student Eligibility:

1. A high school student is eligible to enroll in dual credit courses in the 11th and 12th grades if the student meets the minimum passing standard on the TSI or meets one of the following exemptions:

Test	Score	Content Area and Specifics
ACT	Composite Score - 23	English - 19 Math - 19
SAT		EBRW- 480 Math- 530
STAAR EOC	English II	4000
	Algebra I	4000

Dual credit courses taught on the KHS campus include:

- US History 1301 and 1302
- English 1301 and English 1302
- Government 2305
- Music Appreciation 1306
- Math 1314 (College Alg)
- Math 1342 (Stats)
- Math 1316 (Trig)
- Medical Terminology
- BCIS (online)
- Welding

Dual credit courses taught on KC campus (students must have own transportation):

- Cosmetology
- Auto Tech
- Medical Law and Ethics
- Body Systems
- Pharmacology

Students may enroll in college courses with the approval of a KHS counselor. Dual credit courses fall under the guidelines of the college awarding the college credit. Students are responsible for meeting all deadlines set by Kilgore College. Students are responsible for purchasing the correct textbook. KISD pays tuition.

Gateway

Gateway is an accelerated graduation program for at-risk students. Applications are available in the Counselors' Office. There is an application process and admissions committee.

Who's eligible? Students at risk of not graduating.

- Students who have been retained one or more grades;
- Students who are married, pregnant or a parenting teen
- Students with extenuating family or health circumstances
- Students who have previously dropped out of school
- Students placed in DAEP
- Students who are on parole, probation or conditional release
- Students in the custody of the Dept of Protective and Regulatory Service
- Students who are homeless
- Students who reside in a residential placement facility
- Students with extenuating or special circumstances may be approved for the program by the admissions committee

Gateway hours are from 4-7 pm Monday-Thursday in the computer lab in the Annex building. For more information, contact the KHS counselors.

For students who begin high school in 2014-15 and after:

HB 5	FOUNDATION HIGH SCHOOL PLAN	ENDORSEMENTS
ENGLISH LANGUAGE ARTS	Four Credits: English I English II English III Advanced English Course	A student may earn an endorsement by successfully completing: 1) curriculum for the endorsement, 2) four credits in math, 3) four credits in science and two additional elective credits
MATHEMATICS	Three Credits: Algebra I Geometry Algebra II	STEM Includes courses directly related to: *science *advanced math *engineering
SCIENCE	Three Credits: Biology IPC or Adv Science Advanced Science Course	BUSINESS AND INDUSTRY Includes courses directly related to: *business *media *welding *construction *agriculture *manufacturing
SOCIAL STUDIES	Four Credits: World Geography World History U. S. History U. S. Government / Economics	Public Service Includes courses directly related to: *health occupations *education and training *cosmetology
Physical Education	One Credit	
Language other than English	Two credits in the same language	
Fine Arts	One Credit	
State Required Electives	Four Credits	Arts and Humanities Includes courses directly related to: *political science, cultural studies * art * history * dance * theater * music
Local Required Electives	½ Speech, ½ Health, 1 Technology	Multidisciplinary Studies: Allows a student to select courses from the curriculum of each endorsement area and earn credits in a variety of advanced courses from multiple content areas sufficient to complete the distinguished level of achievement
DISTINGUISHED ACHIEVEMENT **Four credits in math, including Algebra II **Four credits in science **Completion of curriculum for at least one endorsement		
PERFORMANCE ACKNOWLEDGMENT For outstanding performance: in a dual credit course, in bilingualism and bi-literacy, on an AP test or IB exam, on the PSAT, the ACT-Plan, the SAT or the ACT, for earning a nationally or internationally recognized business or industry certification or license.		

Endorsements / Pathways

BUSINESS AND INDUSTRY

Agriculture, Food and Natural Resources

AG – Animal	Principles of Ag	Wildlife	Livestock Production (offered in odd years) or Small Animal Mgmt/Equine Science (offered in even years)	Veterinary Medical Applications
AG - Mech	Principles of Ag	Ag Mechanics & Metal Tech	Ag Facilities Design and Fabrication	Welding I DC Welding

Arts, A/V Technology & Communications

A/V Tech (Media Production)	Principles of A/V	Audio Video Production	Adv. Audio Video Production	Apps. In Audio Video Production
A/V Tech (Game Design)	Principles of A/V	Game Design	Animation I	Animation II
A/V Tech (Game Design)	Principles of A/V	Game Design	Video Scoreboard Production*	Video Scoreboard Prod. Practicum

Journalism/ Communications

Newspaper	Journalism	Graphic Design (NP 1)	Graphic Des II (NP 2)	Practicum (NP 3)
Yearbook	Journalism	Commercial Photo (YB 1)	Commercial Photo II (YB 2)	Practicum (YB 3)

Architecture

Architecture Design	Principles of Architecture (Drafting)	Architectural Design 1 (Drafting 2)	Architectural Design 2 (Drafting 3)	BIM or Career Prep or Prin. Of MFG or Construction
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Construction

Construction Technology	Principles of Construction	Agricultural Mechanics and Metal	Construction Technology	Construction Technology II
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Manufacturing

Welding	Principles of Mfg.	Intro to Welding	Welding I or DC Welding	Welding II or DC Welding
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Management

Business Mgmt & Admin	Prin. of Bus/Mktg/Finance	Business Information Management (BIM I)	Accounting I	BIM II or DC BIM II or Accounting 2
Applied Business Management	Touch Sys Data/Dollars & Sense	Prin. of Bus/Mktg/Finance	Employability Skills	Business Management

STEM- Science, Technology, Engineering & Math

Engineering	Principles of A/V	Robotics I	Robotics II	Eng. Des & Problem Solving
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Math – Total of 5 Math courses

Science – Total of 5 Science courses

PUBLIC SERVICES

Health Science

Medical Field	Prin of Health Science	Health Science Theory	Med. Term or DC Med Term/DC Med Law & Ethics	World Health or DC Pharmacology/DC Body Systems, or Anatomy & Phys
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Education and Training

Education and Training	Principles of Education & Training	Human Growth and Development	Instructional Practices	Practicum in Education or Child Development
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Cosmetology

Cosmetology	BIM I	Prin. of Bus/Mktg/Finance	DC Cosmetology I	DC Cosmetology II
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Law Enforcement

Law Enforcement	Prin. of Law, Publ. Safety & Corrections	Law Enforcement I	Law Enforcement II	Forensic Science
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ARTS AND HUMANTIES

Art	Art I	Art II Drawing	Art II Painting	AP Art
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Band	Band I	Band II Adv Applied Music	Band III Adv Applied Music	Band IV Adv Applied Music
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Choir	Choir I	Choir II	Choir III	Choir IV Music Appreciation
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Dance	Dance Tech I Drill Team	Dance II Drill Team	Dance III Drill Team	Dance IV Drill Team
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Foreign Language	Spanish I	Spanish II	Spanish III	Spanish IV
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Orchestra	Orchestra I	JV Orchestra	Varsity Orchestra	Chamber Orchestra
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Social Studies	World Geography	World History	U S History Psychology/ Sociology or Bible or UIL Debate	Government/ Economics
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Theater	Theater Arts I	Theater Production	Adv Theater Production	Technical Theater
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English

ENGLISH 1

CREDIT: 1 TYPE: Regular GRADE: 9

Students will study the integrated approach to language, literature, and writing, using the writing process. Special emphasis will be given to language, sentence structure, mechanics, usage, spelling, vocabulary development, as well as literary devices.

PRE-AP ENGLISH 1

CREDIT: 1 TYPE: Pre-Advanced Placement GRADE: 9

Students will develop skills in the writing process, language, literature, and reading. Students will write compositions, read short stories, plays, and novels, and study the mechanics of grammar through long-term projects, cooperative learning, and research. There will be frequent homework given.

HUMANITIES PRE-AP ENGLISH 1

CREDIT: 1 TYPE: Pre-Advanced Placement GRADE: 9

Students will develop 21st century skills in a combined English and Social Studies class that focuses on Project Based Learning. Students will write compositions, read short stories, plays, and novels, and study the mechanics of grammar through long-term projects, cooperative learning, and research. Big ideas of civilization including such topics as political systems, economic systems, religions, society and culture, as well as physical geography will be explored within a historical context. Service hours are required - 20.

ENGLISH 2

CREDIT: 1 TYPE: Regular GRADE: 10

This course will focus on a thematic approach to literature, integrating the writing process. Students will study the elements of literature and review reading and writing skills along with test taking strategies. The course will also include reference and research preparation.

PRE-AP ENGLISH 2

CREDIT: 1 TYPE: Pre-Advanced Placement GRADE: 10

Prerequisite: Pre-AP English 1, Teacher recommendation

Students will develop writing concepts and skills in writing, language, and literature. Major topics of instruction will include the short story, the novel, the essay, short stories, drama and poetry. A complete study of grammar, vocabulary development and the mechanics of writing will also be covered. Students will also develop research skills. The focus will be on application of higher level thinking skills.

HUMANITIES PRE-AP ENGLISH 2

CREDIT: 1 TYPE: Pre-Advanced Placement GRADE: 10

Students will develop 21st century skills in a combined English and Social Studies class that focuses on Project Based Learning. Students will write compositions, read short stories, plays, and novels, and study the mechanics of grammar through long-term projects, cooperative learning, and research. Big ideas of civilization including such topics as political systems, economic systems, religions, society and culture, as well as physical geography will be explored within a historical context. Service hours are required - 20.

ENGLISH 3

CREDIT: 1 TYPE: Regular GRADE: 11

Writing process based on personal experiences or American literature will be emphasized. Grammar will be reviewed and taught as writing indicates needs. Research skills will be addressed. The works of major American authors will be studied and novels will be read.

AP ENGLISH LANGUAGE & COMPOSITION 3

CREDIT: 1 TYPE: Advanced Placement GRADE: 11

This advanced placement course allows students to become skilled readers of prose written in a variety of periods, disciplines and contexts and to become skilled writers who compose for a variety of purposes. Students will write a variety of forms-narrative, exploratory, expository, argumentative and on a variety of subjects. The overarching purpose is to enable students to write effectively and confidently. All students will be expected to take the Advanced Placement Exam for Language and Composition.

ENGLISH 4

CREDIT: 1 TYPE: Regular GRADE: 12

Students will review grammar as needed. Students will complete a critical analysis paper and will write essays with emphasis on the composing process, with a variety of audiences, and appropriate introductory, transition, and concluding elements. Students will study English literature and the history of the English language from the Anglo-Saxon period through the present day.

HONORS ENGLISH 4

CREDIT: 1 TYPE: Honors GRADE: 12

Students study British literature and nonfiction texts and think critically about the social and historical context of the times. Students read fiction, nonfiction, poetry, and drama. In addition, students continue to develop and use vocabulary and grammar skills for college readiness. English IV Honors students produce coherent and well organized writing using the writing process. Students write analysis, argumentative, and informational pieces both cooperatively and independently. Students will research a topic and produce a completed research project that includes a written paper, oral presentation, and visual aids.

ENGLISH 4 (ENGL 1301/1302) Dual Credit

CREDIT: 1 TYPE: Dual Credit GRADE: 12

Prerequisite: Successful completion of junior Level English: Acceptance to KJC: completed application, meet eligibility criteria, and earn a "C" or higher to receive high school credit

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. **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.

Mathematics**ALGEBRA 1**

CREDIT: 1 TYPE: Regular GRADE: 9-12

Algebra is the entry-level mathematics course for ninth graders who did not successfully complete it as eighth graders. Students will solve equations, inequalities, systems of equations/inequalities that arise from mathematical/real world situations. Graphing will be stressed. Students will analyze, solve and/or justify solutions using technology as a tool where appropriate.

HONORS ALGEBRA 1

CREDIT: 1 TYPE: Honors GRADE: 9-10

Note: This course has been identified as meeting the needs of GT math students.

This course is designed for students who are interested in pursuing upper level mathematics and science. Students will apply algebraic concepts to real world situations. Topics of instruction will include equations, inequalities, systems of equations/inequalities and graphing. Students will analyze, solve and/or justify solutions using technology as a tool where appropriate.

GEOMETRY

CREDIT: 1 TYPE: Regular GRADE: 9-12

Prerequisite: Algebra 1

This course will enable students to apply geometric properties to real-world situations. Applications will be integrated throughout the course. Models will be used whenever appropriate to introduce concepts. Formal proof will be used in the sequential development of geometric concepts as follows: concrete experience, intuitive understandings, generalizations, reasoning activities, and formal proof. Students will work with synthetic, transformational and coordinate geometry as appropriate.

HONORS GEOMETRY

CREDIT: 1 TYPE: Honors GRADE: 9-11

Prerequisite: Algebra 1

This course is designed for students who are interested in pursuing upper level mathematics and science. Students will apply geometric properties to real-world situations and related scientific theory, explore other geometries, and create their own geometry. Applications will be integrated throughout the course. Models will be used whenever appropriate to introduce concepts. Formal proof will be used in the sequential development of geometric concepts as follows: concrete experience, intuitive understandings, generalizations, reasoning activities, and formal proof. Students will work with synthetic, transformational and coordinate geometry.

ALGEBRA 2

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Algebra 1

Students will prove theorems about real numbers and learn concepts and skills related to open sentences and relations, linear equations and inequalities, graphs in two and three variables, non-linear equations, basic properties of matrices and quadratic relations and systems. Logarithms and exponential functions will be introduced.

HONORS ALGEBRA 2

CREDIT: 1 TYPE: Honors GRADE: 10-11

Prerequisites: Algebra 1, Geometry or concurrent enrollment

Students will prove theorems about real numbers and learn concepts and skills related to open sentences, polynomials and rational expressions, matrices and determinants, quadratic functions, conic sections, and systems of quadratics. Major topics of instruction will include properties of relations and function of the complex number system and points and planes in space. In addition, students will study concepts and skills relating to exponential and logarithmic functions, to higher degree polynomial functions, and to sequences and series. They will also calculate permutations, combinations, and probabilities. Major topics of instruction will include properties and applications of trigonometric and circular functions. The laws of cosines and sines will be studied.

MATHEMATICAL MODELS WITH APPLICATIONS

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisites: Algebra 1, Geometry recommended

In this course students will use a variety of representations (concrete, numerical, algorithmic, graphical), tools and technology to link modeling techniques and purely mathematical concepts to solve problems.

PRE-CALCULUS

CREDIT: 1 TYPE: Honors GRADE: 11-12

Prerequisites: Geometry, Algebra 2

Real numbers and coordinates, functions and their graphs, polynomial and rational functions, exponential and logarithmic functions, and trigonometric functions will be introduced in the third six weeks. Students will study analytic geometry and elementary analysis. The material covered will be that of a college course that includes translating and rotating graphs, determining zeros, polynomial functions and designing mathematical games.

STATISTICS AND RISK MANAGEMENT

CREDIT: 1 TYPE: Regular GRADE: 12

Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

COLLEGE ALGEBRA (MATH 1314) Dual Credit

CREDIT: 0.5 TYPE: Dual Credit GRADE: 11-12

Prerequisites: Pre-Calculus. At least 4000 on Algebra I EOC or Math TSI complete. Acceptance to KC: completed application, meet eligibility criteria, and earn a "C" or higher to receive high school credit.

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.

COLLEGE STATISTICS (MATH 1342) Dual Credit

CREDIT: 0.5 TYPE: Dual Credit GRADE: 11-12

Prerequisites: Pre-Calculus. At least 4000 on Algebra I EOC or Math TSI complete. Acceptance to KC: completed application, meet eligibility criteria, and earn a "C" or higher to receive high school credit.

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.

COLLEGE TRIG (MATH 1316) Dual Credit

CREDIT: 0.5 TYPE: Dual Credit GRADE: 11-12

Prerequisites: Pre-Calculus. MATH 1314 or appropriate score on an additional test required by the math department. Acceptance to KC: completed application, meet eligibility criteria, and earn a "C" or higher to receive high school credit.

In-depth study and applications of trigonometry including definitions, identities, inverse functions, solutions of equations, graphing, and solving triangles. Additional topics such as vectors, polar coordinates and parametric equations may be included. An instructor-approved graphing calculator will be required.

STATS ROCKETRY

CREDIT: 1 TYPE: Regular GRADE: 11-12

*Corequisite: Rocketry Science***MATH TOPICS 1-3**

CREDIT: 1 TYPE: Regular GRADE: 10-12

Math topics is a required remediation class for students who have not passed the Algebra 1 STAAR test. Students will complete review materials to prepare them for the retest.

Science**BIOLOGY**

CREDIT: 1 TYPE: Regular GRADE: 9-10

Students will develop an understanding of concepts in heredity and biological change over time, patterns of living systems and ecology. The student will demonstrate the ability to apply laboratory techniques in a biology content and design and conduct biological experiments and field studies. The student will demonstrate an understanding of the application of science in daily life.

PRE-AP BIOLOGY

CREDIT: 1 TYPE: Pre-Advanced Placement GRADE: 9-10

Note: Students who intend to continue in Chemistry, Physics and AP Biology are recommended to take this course.

Students will develop an understanding of concepts in heredity and biological change over time, patterns of living systems and ecology. The student will demonstrate the ability to apply laboratory techniques in a biology content and design and conduct biological experiments and field studies. The student will demonstrate an understanding of the application of science in daily life.

INTEGRATED PHYSICS & CHEMISTRY CREDIT: 1 TYPE: Regular GRADE: 9-12 (9th placement only)

This course integrates the disciplines of physics and chemistry in the following topics: waves, energy, transformations, properties of matter, changes in matter, and solution chemistry. The course may utilize the Texas Learning Technology Group. Students conduct field and laboratory investigations, use scientific methods and make informed decisions using scientific problem solving.

CHEMISTRY

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisites: One unit of Science, Algebra 2 or Geometry or concurrent enrollment in either

Course covers topics and laboratory applications on structured problem solving, basic atomic theory, periodic law, bonding types, concepts of amounts and measurement, types of ions and formulas, compositions, reactions, equations and stoichiometry. In addition, gas laws, aqueous systems, solutions, laboratory investigations, organic chemistry and nuclear chemistry will be studied. Students conduct laboratory investigations.

PRE-AP CHEMISTRY

CREDIT: 1 TYPE: Pre-Advanced Placement GRADE: 10-11

Prerequisites: One unit of Science, Algebra 2 or Geometry or concurrent enrollment in either

Note: This course has been identified as meeting the needs of GT science students.

This course will encompass a study of dimensional analysis; density; phases of matter; energy calculations; Atomic structure; bonding; periodic law; moles; chemical composition and nomenclature; mathematical analysis of compounds; writing and balancing chemical equations; and laboratory techniques and investigations. In addition, students will investigate gas laws, solution chemistry kinetics, thermodynamics; acid-base theory, oxidation-reduction reactions; organic and nuclear chemistry. This course is recommended for the student that intends to continue in chemistry, physics and biology. There will be a strong math focus during the teaching of the chemistry concepts. Students conduct laboratory investigations.

PHYSICS

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisites: One unit of Science, Algebra 2 or Geometry or concurrent enrollment in either

This course will encompass the study of the fundamental physical quantities; vector addition; equilibrium; kinematics; energy; thermodynamics; light; sound; electricity and magnetism. This course will be taught with a conceptual focus and a moderate use of math. Students will conduct field and laboratory investigations.

HONORS PHYSICS

CREDIT: 1 TYPE: Honors GRADE: 11-12

Prerequisites: One unit of Science, Algebra 2 or Geometry or concurrent enrollment in either

This course will encompass the study of the fundamental physical quantities; vector addition; equilibrium; kinematics; energy; thermodynamics; light; sound; electricity and magnetism. Students will conduct field and laboratory investigations.

AP CHEMISTRY

CREDIT: 1 TYPE: Advanced Placement GRADE: 11-12

Prerequisites: Chemistry & Algebra 2 are both recommended

Note: This course has been identified as meeting the needs of GT science students.

In this course, the student will define terms, demonstrate advanced laboratory techniques, investigations, and plot research data. Major topics will include kinetics, thermodynamics, atomic energy, equilibrium, stoichiometry, electrochemistry, nuclear chemistry, and organic chemistry. All students enrolled are expected to take the Advanced Placement Exam. Students will conduct advanced level laboratory investigations.

AP BIOLOGY

CREDIT: 1 TYPE: Advanced Placement GRADE: 11-12

Prerequisites: Chemistry & Algebra 2

Note: Students are expected to complete the required 10 AP Labs and take the AP Exam.

A general course in human anatomy and physiology, with laboratory emphasis, presenting principles and process of the structure and functions of the systems of the body. Comparative anatomy will also be explored. Classification skills, concepts and skills and logical inferences will be explored as they relate to the structure and function of the human body. Experimental design and application of physiology and anatomy principles with research findings are also included.

ENVIRONMENTAL SYSTEMS

CREDIT: 1 TYPE: Regular GRADE: 11-12

Suggested Prerequisite: One year of high school science and one year of physical science

Students study biotic and abiotic factors in habitats, ecosystems and biomes, sources and flow of energy, and resources through an ecosystem.

ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS

CREDIT: 1 TYPE: Honors GRADE: 11-12

Prerequisites: Biology & Chemistry

A general course in human anatomy and physiology, with laboratory emphasis, presenting principles and process of the structure and functions of the systems of the body. Comparative anatomy will also be explored. Classification skills, concepts and skills and logical inferences will be explored as they relate to the structure and function of the human body. Experimental design and application of physiology and anatomy principles with research findings are also included.

ROCKETRY SCIENCE

CREDIT: 1 TYPE: Regular GRADE: 11-12

Corequisite: Stats Rocketry

Students will study the laws of motion, aerodynamics, electrical circuits, engineering design processes, and scientific research in building solid-fuel model rockets from kits; designing, building & testing their own rockets from raw materials; making rocket powered cars, unpowered flying vehicles, and air propelled rockets.

FORENSIC SCIENCE

CREDIT: 1 TYPE: Regular GRADE: 12

Prerequisite: Biology, Chemistry

This course uses a scientific approach to the investigation of crimes of assault, abuse, neglect, domestic violence, homicide, and of the psychology of criminal behavior. Students will collect and analyze evidence, through case studies and simulated crime scenes.

Social Studies**WORLD GEOGRAPHY**

CREDIT: 1 TYPE: Regular GRADE: 9

World Geography is a comprehensive study of humans and their relationship with the environment around them. The course material can be divided into three main ingredients. Beginning with the formation of landforms and ending with the foundations of economics, Unit 1 constitutes the first ingredient. The basic concepts covered include map skills, physical land forms, cultural traits, governmental systems, and economic forces. Unit II and the remaining units are the second ingredient and they help to provide an understanding of life from around the world. The final ingredient is comprised of global issues, or problems, which face the world as a whole and cannot be escaped. These include: overpopulation, environmental destruction, military and cultural conflict, and resource depletion. Together these three ingredients provide information necessary to gain an understanding of the world as a global community.

HONORS WORLD GEOGRAPHY

CREDIT: 1 TYPE: Honors GRADE: 9

HUMANITIES HONORS WORLD GEOGRAPHY

CREDIT: 1 TYPE: Pre-Advanced Placement GRADE: 9

Students will develop 21st century skills in a combined English and Social Studies class that focuses on Project Based Learning. Students will write compositions, read short stories, plays, and novels, and study the mechanics of grammar through long-term projects, cooperative learning, and research. Big ideas of civilization including such topics as political systems, economic systems, religions, society and culture, as well as physical geography will be explored within a historical context. Service hours are required - 20.

WORLD HISTORY

CREDIT: 1 TYPE: Regular GRADE: 10

This course will cover the development of early civilizations including Egypt, the middle East, Rome, and Greece through the Middle Ages. The Renaissance, Reformation, Age of Discovery, Age of Reason and the Napoleonic Era will also be included. Religious, political, social, and economic development will be emphasized. Students will also study history beginning with the Industrial Revolution, the Age of Empire, the effects of WWI and WWII, the United Nations, power conflicts, and the third-world growth. Research skills will be used.

HONORS WORLD HISTORY

CREDIT: 1 TYPE: Honors GRADE: 10

Students will use advanced skills to study the political, economic, social, cultural, and educational systems of civilization and how they interact and promote advancement of civilization and the unique manner in which man uses these systems to interact with the environment. Students will examine the development of classical civilizations that developed during the Middle Ages and their impact, cultural developments during the Renaissance and Scientific Revolutions, technology and its impact during the Age of Discovery, political change during the development of the Monarchies and revolution. Students will examine the role of technology in history, and study the origins of modern ideologies and the concepts of international relations. Future problem solving and model United Nations simulations will be conducted.

HUMANITIES HONORS WORLD HISTORY

CREDIT: 1 TYPE: Pre-Advanced Placement GRADE: 10

Students will develop 21st century skills in a combined English and Social Studies class that focuses on Project Based Learning. Students will write compositions, read short stories, plays, and novels, and study the mechanics of grammar through long-term projects, cooperative learning, and research. Big ideas of civilization including such topics as political systems, economic systems, religions, society and culture, as well as physical geography will be explored within a historical context. Service hours are required - 20.

US HISTORY

CREDIT: 1 TYPE: Regular GRADE: 11

Students will study the rise of "big business," the settling of the "last frontier," the Progressive Movement, U.S. expansion overseas, and U.S. involvement in WWI. Students will study the Roaring Twenties, the Great Depression, U.S. involvement in WWII, and the political and social history of post-war America, and the entrance into the Space Age. It also includes the Vietnam War and post-Vietnam social and political developments, as well as the U.S. emergence as a superpower and its involvement in international political affairs.

AP US HISTORY

CREDIT: 1 TYPE: Advanced Placement GRADE: 11

Students will learn about the United States' development as an independent, unified nation. Geographical influences on the historical growth of the nation will be included. Economic, social, cultural, and political development will be emphasized. The course will cover the colonial beginnings of the United States through the present. The course is designed to prepare students to take the Advanced Placement test in the spring. All students enrolled are expected to take the Advanced Placement test. Students who successfully complete this test may be awarded college credit at the discretion of the college.

US HISTORY (HIST 1301/1302) Dual Credit

CREDIT: 1 TYPE: Dual Credit GRADE: 11

Prerequisites: Student must meet eligibility criteria required by Kilgore College. Earn a C or higher to receive high school credit Student is responsible for all fees/tuition/books associated with this course.

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. **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

UNITED STATES GOVERNMENT

CREDIT: 0.5 TYPE: Regular GRADE: 12

A study of the U.S. Constitution with its amendments, the legislative, executive, and judicial branches and their interrelationship, and the rights and responsibilities of citizens in a democracy will be presented. Students will be provided opportunities to compare the functions of local, state, and federal governments.

U.S. GOVERNMENT (GOVT/POLS 2305) Dual Credit

CREDIT: 0.5 TYPE: Dual Credit GRADE: 12

Prerequisites: Student must meet eligibility criteria required by Kilgore College. Earn a C or higher to receive high school credit Student is responsible for all fees/tuition/books associated with this course.

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.

ECONOMICS OF THE FREE ENTERPRISE SYSTEM

CREDIT: 0.5 TYPE: Regular GRADE: 12

Students will study a composite of the fundamentals of both micro and macroeconomics. The course will deal with scarcity, opportunity costs, and economic decision making; the characteristics of the three basic forms of business; the principles of supply and demand; price determination and the four basic market structures. Students will also be able to describe money and banking as well as the use of monetary policy to influence the American economy. Students will also be familiar with financial investments, markets, and equity investing.

SOCIAL STUDIES ELECTIVES***BIBLE**

CREDIT: 1 TYPE: Regular GRADE: 10-12

This course focuses on the history of the Bible. It studies the book and from a historical standpoint.

***PSYCHOLOGY**

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

This course provides an overview of introductory principles including: theory of personality; application of theory through case history studies; abnormal psychology-causes and therapy; schizophrenia; multiple personality; methodology (experiments); essay and case study exams. This course is designed and developed as the introduction to AP Psychology.

***SOCIOLOGY**

CREDIT: 0.5 TYPE: Regular GRADE: 11-12

This course will introduce students to the terminology and methods of sociological research. Students will gain a better understanding of how man organizes and utilizes social institutions to promote group harmony and survival. A greater appreciation of cultural differences and group interaction will result. Issues such as crime, terrorism, aging, and urban growth will be examined.

*Count as ½ to 1 of 5 needed for Humanities. UIL Debate will count as 1 credit.

Fine Arts**Visual Arts****ART 1 / ESSENTIALS OF ART 101**

CREDIT: 1 TYPE: Regular GRADE: 9-12

Students with no prior training in Art - such as Seniors who are required to take art to graduate or 9th - 11th grade who have not had (8th grade) Art before. The first semester, students will focus on various drawing techniques as well as introducing the students to the Art Elements and Art Principles. The second semester will be focused on painting and sculpture. However in both semesters students will learn about basic critique methods to help improve the vision or motive behind each assignment.

ART 2 – DRAWING

CREDIT: 1 TYPE: Regular GRADE: 9-12

Students in the class will focus on individual strengths in drawing. Students will also focus on more Art styles and are expected to draw in their sketchbook every six weeks. Art 2 students will also critique their own Artwork as well as others. Students will be required to enter into the VASE competition or the Longview Art Competition.

ART 2 – PAINTING

CREDIT: 1 TYPE: Regular GRADE: 9-12

Students in the class will focus on individual strengths in painting. Students will also focus on more Art styles and are expected to draw in their sketchbook every six weeks. Art 2 students will also critique their own Artwork as well as others. Students will be required to enter into the VASE competition or the Longview Art Competition.

AP ART

CREDIT: 1 TYPE: Regular GRADE: 11-12

Professional Level Art: Students will focus on their professional portfolios. They are expected to enter the Masters Portfolio Competition which consists a total of 20 pieces as well as the Kilgore College portfolio competition (this portfolio needs a total of 10 pieces).

Music**ORCHESTRA I**

CREDIT: 1 TYPE: Regular GRADE: 9-10

Prerequisite: Must pass playing audition

The Kilgore High School Non-Varsity Orchestra will prepare students to participate in the KHS Varsity Orchestra. Students will perform several concerts throughout the year as well as participate in UIL concert and sight-reading and solo and ensemble contests. Our repertoire will consist mostly of Grade 3 level music paired with scales and technical exercises. A strong emphasis will be placed on the fundamentals of string playing. Students will demonstrate mastery of intermediate level music with regard to tone, intonation, and rhythmic accuracy upon completion of this course.

ORCHESTRA II

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Two years in Non-Varsity Orchestra or Audition

The Kilgore High School Varsity Orchestra is a performance based class. Students can expect to perform literature on Grade 4 and 5 levels. Students will have the opportunity to work on standard major repertoire as well as cultural and contemporary works. Students will perform many concerts in addition to UIL concert and sight-reading and solo and ensemble contests. Members of this Orchestra will be expected to participate in the All Region Orchestra in the fall semester.

CHAMBER ORCHESTRA

CREDIT: 1 TYPE: Regular GRADE: 11-12

BAND

CREDIT: 1 TYPE: Regular GRADE: 9-12

Prerequisite: Director approval

In the fall semester the Bulldog Marching Band performs at varsity football games, local parades, and at both Invitational and UIL Marching Contests. This semester counts towards PE credit. In the spring semester the band splits into a Varsity and Non-Varsity band when enrollment allows. The Bands compete in Invitational and UIL Concert and Sight-reading Contests. This semester counts towards fine arts credit. Students enrolled in this class are eligible to enter the audition process for the All-Region, and All-State Bands. They may also compete in the Regional UIL Solo & Ensemble Contest for a chance to advance to the State UIL Solo & Ensemble Contest. The band also performs at various other local public events throughout the year.

ADV. APPLIED BAND

CREDIT: 1 TYPE: Regular GRADE: 9-12

Prerequisite: Director Approval & Enrollment in Band

Applied Music is a class designed for advanced individual instrumental study. Students will learn a secondary instrument. Students will be encouraged to audition for the All-Region Band. Participation in Solo & Ensemble Competition is also encouraged.

TREBLE CHOIR

CREDIT: 1 TYPE: Regular GRADE: 9-12

CONCERT ACAPELLA CHOIR

CREDIT: 1 TYPE: Regular GRADE: 9-12

Try-out required

Members of the A Cappella Choir are expected to have previous choral experience either in middle school or at another high school. It is expected that members of this choir compete in the various individual competitions, such as Region Choir and Solo & Ensemble (though these are voluntary), and also in any and all choral events, such as concerts and/or Concert and Sight-reading contest. The students in this choir must maintain a passing grade average, thus eligibility should not be an issue. They must also demonstrate a commitment to excellence to the best of their ability.

MUSIC APPRECIATION (MUSI 1306) Dual Credit

CREDIT: 0.5 TYPE: Dual Credit GRADE: 12

Prerequisites: Acceptance to KC: completed application, meet eligibility criteria, and earn a "C" or higher to receive high school credit.

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

Dance**DANCE TECHNIQUE**

CREDIT: 1 TYPE: Regular GRADE: 9-12

Dance is designed to provide a foundation in dance and introduce the student to tap, ballet, jazz and modern Dance as a creative art.

ADV DANCE TECHNIQUE

CREDIT: 1 TYPE: Regular GRADE: 10-12

Dance is designed to provide a foundation in dance and introduce the student to tap, ballet, jazz and modern. Dance as a creative art. Advanced technique continues the foundation from Dance Technique and expands upon them.

CO-ED DANCE CLASS

CREDIT: 1 TYPE: Regular GRADE: 9-12

Class is designed to provide a foundation in partner, social, and cultural dance.

ADV CO-ED DANCE

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Approval from dance teachers to be placed in class

Advanced Co-Ed dance continues the foundations from Co-Ed dance. This class will have several community performance requirements.

DRILL TEAM PREP

CREDIT: 1 TYPE: Regular GRADE: 9-11

This course will allow students who are interested in auditioning for Hi-Steppers a complete year of free training. Focus will be on proper flexibility and strength conditioning, high kick technique, jazz technique, pom technique, performance showmanship and movement quality.

HI-STEPPERS (Drill Team)

CREDIT: 1 TYPE: Regular GRADE: 9-12

Try-out required

Drill Team is an organization of girls with advanced dancing abilities. These students will perform at all varsity football games and at selected home basketball games. Game attendance is required. Drill Team will attend a selected drill team competition and will participate in the annual stage production. Practice uniforms will be required at the student's expense. Girls are expected to attend selected drill team camp during the summer at their expense.

HI-STEPPER OFFICER CLASS (Drill Team)

CREDIT: 1 TYPE: Regular GRADE: 11-12

Try-out required

Class for officers of the drill team to prepare for performances and games

Theater Arts**THEATER ARTS 1**

CREDIT: 1 TYPE: Regular GRADE: 9-12

Theater Arts I is the first course students interested in theatre must take. Students will learn basic acting techniques including relaxation techniques, the basics of stage movement, pantomime, and dramatic structure.

THEATER PRODUCTION

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisites: Theater Arts 1, Audition

This course provides practical hands-on experience in acting and stage craft. Students will be provided an opportunity to audition, rehearse, and perform acting skills in public. Mainly, the course will include opportunities to work on technical crews and participate in strike of set and lights. Research and design will be studied. This course may require limited outside the school day activity.

ADVANCED THEATER PRODUCTION

CREDIT: 1 TYPE: Regular GRADE: 9-12

Prerequisites: Theater Arts 1, Theater Production, Audition

In Advanced Theater Production students will be required to participate in productions ranging from one-act plays, full-length plays, and musicals as part of the cast and crew. This course promotes professionalism in a working theatre environment through auditions, rehearsals, competition pieces, and public performances. Students who elect and are selected in audition to be a part of this course, will be required to participate in after-school rehearsals and performances as part of the course work.

LANGUAGE OTHER THAN ENGLISH (LOTE)**SPANISH 1**

CREDIT: 1 TYPE: Regular GRADE: 9-12

In first year Spanish class skills and concepts are developed that result in the understanding of most routine questions, statements, and commands, and the gist of everyday conversations of non-technical subjects. The student learns to read and listen in Spanish with comprehension, to speak and read with correct intonation and pronunciation, and to write familiar Spanish material using correct spelling, vocabulary, syntax, and grammar. Spanish I students also experience various aspects of the Hispanic culture through films, news media, and literature.

SPANISH 2

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Spanish 1

The main goal in Spanish II is to help each student attain proficiency in all four skill areas listening, speaking, reading, and writing while presenting the language within the context of contemporary Spanish-speaking work and the various cultures involved. The program focuses on cultural awareness while expanding the students' vocabulary and grammar base. An effective way of involving students in language learning is to make lessons relevant to their own lives. To accomplish this, the majority of activities have youth-related themes such as hobbies, travel, schoolwork, home and family, dating, money, career choices, success and failure. These themes keep the student actively involved and interested and the classes lively.

SPANISH 3

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Spanish 2 with average grade of 85 or above

In Spanish 3 the emphasis falls mostly on culture and the arts, while incorporating advanced grammar. Students will study literature, poetry, drama, and art, striving to develop an appreciation of Spain and the Latin American countries. Geography and history of the Spanish-speaking world will also be explored. This course is for those students who seriously plan on pursuing Spanish in college.

SPANISH 4

CREDIT: 1 TYPE: Regular GRADE: 12

Prerequisite: Spanish 3 with average grade of 85 or above

Spanish IV will continue its emphasis on the culture of Spain and Latin America while concentrating on each student's proficiency in oral and written communication. A considerable amount of language lab time will be required of each student, and testing situations will be mostly oral. Students will also be required to read selected short stories and contemporary literary selections from a variety of sources and be able to compare and contrast different writing styles from the different cultures. This course is again for those students who seriously plan on pursuing Spanish in college.

SPECIAL TOPICS- LANGUAGE & CULTURE

CREDIT: 1 TYPE: Regular GRADE: 10-12

*Prerequisite: Spanish 1***Note: This course satisfies 2nd year of LOTE requirement**

This course is designed to allow students to explore the culture and everyday life of the people of the world. Each student will study the information that would enable them to understand their environment if they were to visit the countries that are studied. Topics will include Celebrations, Language, Food, Art, Government, Religion, and Economics. The student will gain knowledge of languages and cultures that can help them be successful in other subjects and possible career paths.

Required Electives**HEALTH**

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

High school health students will study personal wellness. The course content emphasizes care of the body, mental and emotional health, stress control, suicide prevention, nutrition and diet. Also included will be the study of tobacco, alcohol, drugs, and human sexuality. The course will cover infectious and non-infectious diseases, health care, public health, personal safety and first aid. Special attention will also be given to the study of sexually transmitted diseases (STD's) and AIDS, as well as violence as a social problem related to mental health.

SPEECH - PROFESSIONAL COMMUNICATIONS

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

Professional Communications blends written, oral, and graphic communication in a career-based environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct internet research.

Health and Physical Education**PHYSICAL EDUCATION**

CREDIT: 1 TYPE: Regular GRADE: 9-12

The emphasis for this course will be for students to develop and demonstrate physical skills, stamina, and an interest in physical activity and overall wellness.

ATHLETIC TRAINING

CREDIT: 1 TYPE: Regular GRADE: 9-12

Students will learn about the nature of assisting in the daily activities of Athletics. Though not participating in the sports, students will work with teams, athletes, and coaches. Ability to take direction and perform physical activity is a must.

SPORTS MEDICINE

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisites: Athletic Training for one year. Teacher approval

Sports Medicine bridges the gap between health class and clinical rotation for students interested in medical related careers, including but not limited to sports medicine, athletic training, orthopedics, and physical therapy. This course is for any student who wishes to participate as a trainer for any athletic team in high school.

ATHLETICS (Boys and Girls) – Tennis

CREDIT: 1 TYPE: Regular GRADE: 9-12

Prerequisites: Meeting with tennis coach and physical required

Classes are for students who want to be on the competition tennis teams. Experience is not necessary, but willingness to train hard out in the heat and cold is expected. Students must be able to attend after school activities.

BOYS ATHLETICS – 9th

CREDIT: 1 TYPE: Regular GRADE: 9-12

Basketball, Football

Instruction and skill development are offered in a variety of individual sports for males. This instruction is planned to meet the needs of the individual students. The emphasis will be for students to develop and demonstrate physical skills, stamina, and an interest in physical activity and overall wellness.

BOYS ATHLETICS – General

CREDIT: 1 TYPE: Regular GRADE: 9-12

Try-out required

Varsity Football, Varsity Basketball, Soccer, Baseball

Instruction and skill development are offered in a variety of individual sports for males. This instruction is planned to meet the needs of the individual students. The emphasis will be for students to develop and demonstrate physical skills, stamina, and an interest in physical activity and overall wellness.

BOYS ATHLETICS – Cross Country/Track

CREDIT: 1 TYPE: Regular GRADE: 9-12

Instruction and skill development are offered. This instruction is planned to meet the needs of the individual students. The emphasis will be for students to develop and demonstrate physical skills, stamina, and an interest in physical activity and overall wellness.

GIRLS ATHLETICS – General

CREDIT: 1 TYPE: Regular GRADE: 9-12

Basketball, Softball, Soccer, Volleyball, Track, Cross Country

Instruction and skill development are offered in a variety of individual sports for females. This instruction is planned to meet the needs of the individual students. The emphasis will be for students to develop and demonstrate physical skills, stamina, and an interest in physical activity and overall wellness. Offerings include the team and individual sports listed.

GIRLS ATHLETICS – 9th

CREDIT: 1 TYPE: Regular GRADE: 9-12

Basketball, Softball, Soccer, Volleyball, Track, Cross Country

Instruction and skill development are offered in a variety of individual sports for females. This instruction is planned to meet the needs of the individual students. The emphasis will be for students to develop and demonstrate physical skills, stamina, and an interest in physical activity and overall wellness. Offerings include the team and individual sports listed.

ATHLETICS (Boys and Girls) – Golf

CREDIT: 1 TYPE: Regular GRADE: 9-12

Try-out required

Instruction and skill development are offered. This instruction is planned to meet the needs of the individual students. The emphasis will be for students to develop skills necessary to participate in the sport of golf, demonstrate course management, knowledge of rules, physical skills, and an interest in physical activity as well as overall wellness.

CHEERLEADING

CREDIT: 1 TYPE: Regular GRADE: 9-12

Try-out required

Cheerleading is a course which stresses performance of cheers, partner stunts, jumps, and acrobat and safety exercises. Attendance and participation at functions requiring cheerleader representation is mandatory. Cheerleaders should demonstrate citizenship and school spirit.

CHEER OFFICER

CREDIT: 1 TYPE: Regular GRADE: 9-12

Try-out required

Cheerleader officers require leadership ability, organizational skills, and trustworthiness. Officers will help lead practices and make decisions. More time is required of the officers. Attendance and participation at functions requiring cheerleader representation is mandatory. Officers should demonstrate citizenship and school spirit.

Career and Technology Education (CTE)**Agriculture, Food, & Natural Resources****PRINCIPLES OF AG, FOOD & NATURAL RESOURCES**

CREDIT: 1 TYPE: Regular GRADE: 9-12

Students will explain agriculture, food, and natural resource systems at the local, state, national and international levels. This course will identify reasons for world trade and the political impact of agriculture, food, and natural resources. Plant and animal systems, principles of food products and food processing systems will be evaluated.

AGRICULTURAL MECHANICS AND METAL TECHNOLOGIES CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Principles of Ag

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. The student will be expected to plan and perform cost-effective construction techniques including analyzing sites, plan for equipment and tools, and permit requirements.

AG FACILITIES DESIGN – (ADV. AG MECH & METAL)

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Principles of Ag, Ag Mech & Metal

To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings. Students will demonstrate principles of facilities design and fabrications related to agricultural structures and demonstrate Geographic Information System (GIS) and Global Positioning System (GPS) principles.

AG POWER SYSTEMS

CREDIT: 1 TYPE: Regular GRADE: 12

Prerequisite: Principles of Ag

To be prepared for careers in agricultural power, structural, and technical systems, students should attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the workplace; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations. To prepare for success, students should have opportunities to learn, reinforce, apply, and transfer their knowledge and technical skills in a variety of settings. This course is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery.

PRINCIPLES AND ELEMENTS OF FLORAL DESIGN

CREDIT: 1 TYPE: Regular GRADE: 10-12

*Prerequisite or concurrent enrollment: Principles of Ag***Note: Fulfills fine arts credit**

This course is designed to develop students' abilities 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 will learn about the traditions and contributions of diverse cultures. Students will classify and identify plants used in their arrangements, corsages, boutonnieres and floral designs for special occasions

LIVESTOCK PRODUCTION

CREDIT: 1 TYPE: Regular GRADE 11-12

Prerequisite: Principles of Ag

Students will use skills relating to livestock production, anatomy and physiology related to nutrition, reproduction, health and management of domesticated animals. Animal species to be addressed in this course may include, but are not limited to beef cattle, dairy cattle, swine, sheep, goats, & poultry.

SMALL ANIMAL MANAGEMENT

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

Prerequisite: Principles of Ag **Note: Must choose to take Equine Science during the same year as this course**

A course designed to provide principles of animal production. The study of farm animals' anatomy and physiology is included in this course.

EQUINE SCIENCE

CREDIT: 0.5 TYPE: Regular GRADE: 10-12

Prerequisite: Principles of Ag **Note: Must choose to take Small Animal Mgmt during the same year as this course**

This course is focused on learning about horses. Students will learn basic and equine knowledge such as history, breeds, identification, conformation, and judging. Students will also explore concepts in anatomy, physiology reproduction, nutrition, health, equine facilities, and management.

WILDLIFE, FISHERIES AND ECOLOGY MANAGEMENT

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Principles of Ag

In this course students will examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Students will also spend time learning management of game and non-game wildlife species and their ecological needs. This course provides a clear understanding of aquaculture production and its career opportunities. It also covers a study of aquatic plants and animals, water management, production techniques, and management and marketing of these plants and animals. Students are able to obtain their Hunter Safety Certification during this course if they pass their exam.

VETERINARY MEDICAL APPLICATIONS

CREDIT: 1 TYPE: Regular GRADE: 12

Prerequisite: Principles of Ag and Equine Science/Small Animal Mgmt or Livestock Production

Veterinary Medical Applications is a course designed to enhance the understanding of veterinary technician skills and procedures. Students will learn clinical examinations, animal hospital procedures, office management, and employee skills. In addition, students will learn correct procedures for administering shots, bandaging wounds, mending broken bones, and assisting in surgical procedures. During the course of the year, students will practice various laboratory skills, patient communication, and technical skills.

Architecture and Construction**PRINCIPLES OF ARCHITECTURE – (DRAFTING)**

CREDIT: 1 TYPE: Regular GRADE: 9-12

This course will focus on beginning designs and construction of house/floor plans using industry recognized software. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging' and reading technical drawings.

ARCHITECTURAL DESIGN I

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Prin. Of Architecture & Construction

Architectural Design introduces students to architecture, construction science, and architectural drafting. Students will use AutoCAD software to produce a full set of residential architectural plans.

ARCHITECTURAL DESIGN II

CREDIT: 2 TYPE: Regular GRADE: 11-12

Prerequisite: Architecture Design I

Advanced Architectural Design is a continuation of Architectural Design providing an opportunity for students to advance their skills in architectural drafting utilizing industry recognized software. Students will use software to create plans and renderings.

PRINCIPLES OF CONSTRUCTION

CREDIT: 1 TYPE: Regular GRADE: 9-12

This course will focus on beginning wood crafts. Students will measure, design, and construct their own wood projects. Students use self-knowledge, educational, and career information to set and achieve realistic career and educational goals. Safety and career opportunities are included, in addition to work ethics and job-related study in the classroom such as communications; problem solving and critical thinking; Information Technology applications; systems; safety, health, and environmental; leadership and teamwork; ethics and legal responsibilities; employability and career development; technical skills; introduction to hand tools; introduction to power tools; basic rigging and reading technical drawings.

CONSTRUCTION TECHNOLOGY I

CREDIT: 2 TYPE: Regular GRADE: 10-12

Prerequisite: Principles of Construction

Construction Technology is designed to provide job-specific training for entry-level employment skills in construction-related careers. Instruction is provided in carpentry, painting, dry wall, roofing, and basic plumbing.

CONSTRUCTION TECHNOLOGY II

CREDIT: 2 TYPE: Regular GRADE: 11-12

Prerequisite: Construction Technology I

Second-year instruction is designed to enhance entry-level training and employment through theoretical teaching and real life application.

Arts, A/V Technology and Communications**MEDIA 1 - PRINC OF ARTS, AUDIO/VIDEO TECH & COMM**

CREDIT: 1 TYPE: Regular GRADE: 9-12

Using their creative aptitude, strong background in computer and technology applications and proficiency in oral and written communications, students will be expected to develop an understanding of the various, multifaceted career opportunities in this cluster and the knowledge, skills and educational requirements for those opportunities.

MEDIA 2 - AUDIO VIDEO PRODUCTION

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Media 1

This course will focus on elements of multimedia production. In this interactive environment, students will work with video, sound, and still photographs to develop projects that creatively express the project assignments. Skills will be developed in video editing, graphic design, and sound production.

MEDIA 3 - ADVANCED AUDIO VIDEO PRODUCTION

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Media 2

This course will expand the student's understanding of multimedia productions. Students will use, install, and configure multimedia software, learn video editing, photo design and production, audio integration, and morphing. They will work in a team environment to develop multimedia productions for classrooms and local businesses.

MEDIA 4 - APPLICATIONS IN AUDIO VIDEO PRODUCTION

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Media 3

Students will be expected to develop and increasing understanding of the industry with a focus on applying preproduction, production, and post-production audio and video activities in a studio environment.

VIDEO SCOREBOARD

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisites: Game Design or Media 2, Teacher approval

Students will be directly responsible for the operation of the digital video scoreboard during the football season and some events in the spring. Students will develop advertising videos and use skills and knowledge to operate cameras and production equipment. Careers in audio and video technology and film production span all aspects of the audio/video communications industry. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on pre-production, production, and post-production activities.

GAME DESIGN

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Principles of Arts, A/V Tech (Media 1)

Students will learn programming; actually writing code and developing original computer games. Students will learn the math and physics concepts used in game development, how the engineering cycle is used to design games, the components of a good game, color theory used in game design, and how to create sprites and animation. Other software associated could include mobile application design & programming using Java and Eclipse for Android devices to create cell phone APPS.

ANIMATION

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Game Design

Animation will allow students to demonstrate creative thinking and develop innovative projects by specializing in graphic design, image editing and/or 2D and 3D animation. Students will work independently as well as collaboratively to produce communications projects. Students will develop an electronic portfolio to document their skills.

ADVANCED ANIMATION

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Animation

This course is a continuation of skills developed in Animation. Students will learn advanced animation techniques in Adobe Flash, as well as be introduced to other animation software. In this project-driven course, students will primarily be developing their own individualized animation projects.

INTRO TO DIGITAL PHOTOGRAPHY (JOURNALISM)

CREDIT: 1 TYPE: Regular GRADE: 9-12

This is a technical course designed to provide advanced knowledge & skills acquisition of the contemporary resources, processes, and impacts of graphic design and illustration technology. Activities may include: graphic design and illustration, computerized image composition, digital photography, pre-press production procedures, image transfer, web design, computer animation, desktop publishing, bindery and finishing experiences.

DIGITAL PHOTOGRAPHY I - (YEARBOOK 1)

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisites: Journalism, Application

In this course, students explore the resources, processes, management, and products in the technical aspects of photography, graphic design, electronic communications and digital imaging. The course emphasizes problem solving, design principles, technical standards and use of related equipment. Students will use their digital photographs and technology to produce the yearbook.

DIGITAL PHOTO JOURNALISM - (NEWSPAPER 1)

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisites: Journalism, Application

In this course, students explore the resources, processes, management, and products in the technical aspects of photography, graphic design, electronic communications and digital imaging. The course emphasizes problem solving, design principles, technical standards and use of related equipment. Students will use computerized composition, digital photography and communication skills to write individual news articles and produce a printed newspaper as well as online digital newspaper.

ADV. DIGITAL PHOTOGRAPHY - (YEARBOOK 2)

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Yearbook 1

This course provides career specific information to students about careers in graphic design and illustration. Students will develop technical knowledge and skills needed for success in the Arts, A/V Technology, and Communication Career cluster. Students will develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students will use their digital photographs and technology to produce the yearbook.

ADV DIGITAL PHOTO JOURNALISM - (NEWSPAPER 2)

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Newspaper 1

This course provides career specific information to students about careers in graphic design and illustration. Students will develop technical knowledge and skills needed for success in the Arts, A/V Technology, and Communication Career cluster. Students will develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities. Students will use computerized composition, digital photography and communication skills to write individual news articles and produce a printed newspaper as well as online digital newspaper.

DIGITAL PHOTOGRAPHY PRODUCTION - (YEARBOOK 3) CREDIT: 1 TYPE: Regular GRADE: 12*Prerequisite: Yearbook 2*

This course provides career specific information to students about careers in graphic design and illustration. Students will develop technical knowledge and skills needed for success in the Arts, A/V Technology, and Communication Career cluster. Students will develop a technical understanding of the industry with a focus on skill proficiency. Students will use their digital photographs and technology to produce the yearbook.

DIGITAL JOURNALISM PRODUCTION - (NEWSPAPER 3) CREDIT: 1 TYPE: Regular GRADE: 12*Prerequisite: Newspaper 2*

This course provides career specific information to students about careers in graphic design and illustration. Students will develop technical knowledge and skills needed for success in the Arts, A/V Technology, and Communication Career cluster. Students will develop a technical understanding of the industry with a focus on skill proficiency. Students will use computerized composition, digital photography and communication skills to write individual news articles and produce a printed newspaper as well as online digital newspaper.

Business, Management and Administration**ACCOUNTING I**

CREDIT: 1 TYPE: Regular GRADE: 10-12

Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision making.

ACCOUNTING II

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Accounting I

Students will engage in various managerial and cost accounting activities. Students formulate and interpret financial information for use in managerial positions.

PRINCIPLES OF BUSINESS, MARKETING AND FINANCE CREDIT: 1 TYPE: Regular GRADE: 9-12

This course is paired with Dollars and Sense. Students will gain knowledge and skills in business area as well as effects of marketing of goods and services, advertising, pricing and management of finances. Students will learn selling practices, effectiveness of advertising, how to effectively place merchandise for impact/sales, identify types of currency and credit and demonstrate understanding personal financial management.

BUSINESS INFORMATION MANAGEMENT I

CREDIT: 1 TYPE: Regular GRADE: 9-12

Computer skills acquired in this course are essential for college and work readiness. Students will utilize Microsoft Office Suite, the industry standard. Students will produce a variety of documents in Word, create spreadsheets and charts in Excel, develop and maintain a database in Access, design professional presentations in PowerPoint. Additional applications used include Web 2.0 Tools, Publisher, and Outlook.

BUSINESS INFORMATION MANAGEMENT II

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Business Information Management I

BIM II teaches students concepts and advanced technology skills required in the business environment. Special emphasis will be placed on developing technology skills with applications to personal situations and use workplace standard technologies in creating complex word processing documents, sophisticated spreadsheets using charts and graphs, database, telecommunications, desktop publishing, presentation management, networking, operating systems, internet research, and emerging technologies. Dual credit through Kilgore College is an option while enrolled in this course.

DOLLARS AND SENSE

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

Dollars and Sense focuses on consumer practices and responsibilities, the money management process, budgeting, decision-making skills and the impact of technology.

TOUCH SYSTEM DATA ENTRY

CREDIT: 0.5 TYPE: Regular GRADE: 9-12

Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will produce business documents such as resume's, letters and memo's, formatting, etc.

EMPLOYABILITY SKILLS

CREDIT: 1 TYPE: Regular GRADE: 11-12

This course will enable students to learn, define and refine skills needed to become a successful employee. Areas this course will focus on are communication, teamwork, problem solving, initiative and enterprise, planning and organizing, self-management, learning and technology.

WORK PROGRAM - CAREER PREPARATION I

CREDIT: 2-3 TYPE: Regular GRADE: 11-12

Note: Student must have a job by the 10th day of the start of school or will be removed from the program

Through course required employment, students gain knowledge and skills that help them become proficient in one or more career/business areas. This course covers technology, communication, and customer service skills. The course is designed to give students supervised practical application of previously studied knowledge and skills.

WORK PROGRAM - CAREER PREPARATION II

CREDIT: 2-3 TYPE: Regular GRADE: 12

Note: Student must have a job by the 10th day of the start of school or will be removed from the program

Through course required employment, students gain knowledge and skills that help them become proficient in one or more career/business areas. This course covers technology, communication, and customer service skills. The course is designed to give students supervised practical application of previously studied knowledge and skills.

Health Science**PRINCIPLES OF HEALTH SCIENCE**

CREDIT: 1 TYPE: Regular GRADE: 9-12

This course is designed to develop health care specific knowledge and skills in effective communication, ethical and legal responsibilities, client care safety, first aid and CPR.

MEDICAL TERMINOLOGY

CREDIT: 1 TYPE: Regular GRADE: 11-12

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. To pursue a career in health science, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should understand 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 learn 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.

MEDICAL TERMINOLOGY (MDCA 1313) DUAL CREDIT

CREDIT: 1 TYPE: Dual credit GRADE: 11-12

Prerequisite: A 3850 passing score on either the English I or II STAAR EOC is sufficient.

Note: Must also sign up for Medical Law and Ethics Dual Credit

See Medical Terminology for description. To remain in the dual credit program and to earn high school credit for a course, a student must earn a college grade no lower than a "C" in this course.

MEDICAL LAW & ETHICS (MDCA 1205) Dual Credit

CREDIT: 2 TYPE: Dual Credit GRADE: 11-12

Prerequisite: A 3850 passing score on either the English I or II STAAR EOC is sufficient.

Note: Must also sign up for Medical Terminology Dual Credit**HEALTH SCIENCE THEORY**

CREDIT: 1 TYPE: Regular GRADE: 11-12

Prerequisite: Principles of Health Science

Course 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, career in the health Science industry. Certification in CPR. This course allows students to explore 11 different career choices related to the medical field through hands-on centered action labs.

WORLD HEALTH RESEARCH

CREDIT: 1 TYPE: Regular GRADE: 12

Prerequisite: Health Science Theory

This course examines major world health problems, disease patterns and distribution, health care systems, and emerging medical technologies as solutions to global health concerns. This is a project-centered class whereby students are required to participate in labs, activities, research, and presentations.

PHARMACOLOGY (RNSG 1201) Dual Credit

CREDIT: 2 TYPE: Dual Credit GRADE: 11-12

Prerequisite: A 3850 passing score on either the English I or II STAAR EOC is sufficient.

Note: Must also sign up for Body Systems Dual Credit

Introduction to the science of pharmacology with emphasis on the actions, interactions, adverse effects, and nursing implications of each drug classification. Topics include the roles and responsibilities of the nurse in safe administration of medications within a legal/ethical framework. Content includes applicable DEC competencies.

BODY SYSTEMS (NURA 1307) Dual Credit

CREDIT: 3 TYPE: Dual Credit GRADE: 11-12

*Prerequisite: A 3850 passing score on either the English I or II STAAR EOC is sufficient.***Note: Must also sign up for Pharmacology Dual Credit****ANATOMY AND PHYSIOLOGY OF HUMAN SYSTEMS**

CREDIT: 1 TYPE: Honors GRADE: 11-12

Prerequisites: Biology and Chemistry

A general course in human anatomy and physiology, with laboratory emphasis, presenting principles and process of the structure and functions of the systems of the body. Comparative anatomy will also be explored. Classification skills, concepts and skills and logical inferences will be explored as they relate to the structure and function of the human body. Experimental design and application of physiology and anatomy principles with research findings are also included.

Human Services**CHILD DEVELOPMENT**

CREDIT: 1 TYPE: Regular GRADE: 9-12

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.

PRINCIPLES OF EDUCATION AND TRAINING

CREDIT: 1 TYPE: Regular GRADE: 9-12

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.

HUMAN GROWTH AND DEVELOPMENT

CREDIT: 1 TYPE: Regular GRADE: 10-12

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 student understands the importance of the development from early childhood through adulthood. This course will also explore the importance of care and protection of children.

INSTRUCTIONAL PRACTICES IN EDUCATION & TRAINING CREDIT: 2 TYPE: Regular GRADE: 11-12*Prerequisite: Possibly an application and interview*

This course covers a variety of topics including learning processes, education theory, classroom management, child development and lesson planning. Students will research topics in education including teacher training, interview processes and ethics in the workplace. Students will experience a field-based internship during this course with a highly-qualified cooperating teacher in local elementary schools. A portfolio that will serve as a resource for teaching will be completed throughout the year.

STEM**ROBOTICS I**

CREDIT: 1 TYPE: Regular GRADE: 9-12

Students will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. This is a hands-on project based introduction to robotics using student built robots. Students will create, build and program robots and prepare for competitions using these robots.

ROBOTICS II

CREDIT: 1 TYPE: Regular GRADE: 11-12

This course is project-based learning where students will demonstrate mastery in designing and building prototypes associated with the robotic and automation industry. Through advanced knowledge and skills, students will have the opportunity to compete in area, regional and/or state competitions.

ENGINEERING DESIGN AND PRESENTATION

CREDIT: 1 TYPE: Regular GRADE: 10-12

Engineering Design allows students to gain knowledge and skills in the application, design, production and assessment of products, services, and systems. Students explore the design process and its applications to engineering and technological activities. Models of product solutions are created, analyzed, and communicated using solid modeling computer design software.

ENGINEERING DESIGN AND PROBLEM SOLVING

CREDIT: 1 TYPE: Regular GRADE: 11-12

This course is the creative process of solving problems by identifying needs and then devising solutions. Participants will explore various engineering disciplines and how those disciplines address a broad spectrum of design problems using concepts from the sciences and mathematics. This course emphasizes solving problems - moving from well-defined to more open ended - through real-world applications.

Manufacturing**PRINCIPLES OF MANUFACTURING – (METAL 1)**

CREDIT: 1 TYPE: Regular GRADE: 9-12

Note: Students are required to wear protective equipment which is the responsibility of the student. Specific clothing such as 100% cotton shirt, jeans, and boots must be worn.

This course will study the design of technology, the efficient production of technology, and the assessment of the effects of technology to prepare students for success in the modern world. Students will gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how these are applied to manufacturing.

INTRO TO WELDING - (METAL 2)

CREDIT: 1 TYPE: Regular GRADE: 10-12

Prerequisite: Metal 1

Students will use their skills and knowledge and apply them to personal career development. Through application of student skills, the student will demonstrate knowledge of weld sketches, apply mathematical skills in relationship to welding and accurately use appropriate tools to weld through proper welding principles.

WELDING I - (METAL 3)

CREDIT: 2 TYPE: Regular GRADE: 11-12

Prerequisite: Metal 2

Rapid advances in technology have created new career opportunities and demands in many industries. . Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. The student knows the concepts and intricacies of inspections and related codes and performs plasma arc cutting on metals. The student performs shielded metal arc welding principles and practices on metals.

WELDING II – (METAL 4)

CREDIT: 2 TYPE: Regular GRADE: 12

Prerequisite: Metal 3

Welding II 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. The student illustrates welding joint design, symbols, and welds as well as other welding practices. (Dual Credit Option, see on next page)

Law Enforcement**PRINC OF LAW, PUBLIC SAFETY, CORRECTIONS, & SECUR** CREDIT: 1 TYPE: Regular GRADE: 9-12

This course introduces students to professions in law enforcement, protective services, corrections, firefighting, and emergency management services.

Electives/Miscellaneous**PASS**

CREDIT: 1 TYPE: Regular GRADE: 10-12

Our Peer Advocates for Special Students (PASS) class allows students to be involved in the daily activities of our special education students. This course is to strengthen communication and helping skills and provide support for our special education students. Students will also investigate careers, including counseling and mental health, early childhood development, family and community, and personal care services. The course is designed to address a broad range of knowledge and skills related to personal development and management, promotion of strong families, and preparation for adult roles. Other studies address nutrition and dietary practices; food selection and preparation; budgeting and consumer-buying practices; and management of family housing needs.

STUDENT AIDE

CREDIT: 1 TYPE: Regular GRADE: 12

Students apply technical skills to address business applications. Students will be assigned to a teacher/ supervisor and will complete assigned duties such as making copies of documents, filing and keying prepared documents as needed.

COUNSELOR'S AIDE

CREDIT: 1 TYPE: Regular GRADE: 12

Students will be assigned to the counselor's office under supervision and will complete duties such as filing, making copies of various documents, answering phones and all other duties assigned by the supervisor.

OFFICE AIDE

CREDIT: 1 TYPE: Regular GRADE: 12

Students will be assigned to the office under supervision where they will complete assigned duties such as filing, picking up teacher rosters, guidance for new students, and all other duties assigned by the supervisor.

INTERVENTION

CREDIT: 1 TYPE: Regular GRADE: 9-12

KC DUAL CREDIT

WELDING – Dual Credit

CREDIT: 3 TYPE: Regular GRADE: 11-12

The student is expected to accurately use an appropriate tool to make measurements, use welding equipment according to safety standards, demonstrate knowledge of welding blue print, and work independently to create a welding projects. This course will be taken through Kilgore College and will receive credit towards a certification or degree.

AUTO TECH I

CREDIT: 3 TYPE: Regular GRADE: 11-12

The program is designed to prepare its graduates to enter the rapidly changing automotive repair industry. The student will study each automobile system where he/she will learn the theory of operation along with the proper diagnostic procedure to repair a system problem. This course will be taught through Kilgore College and students can work towards earning a certification or college credit. Students are responsible for tuition/books and any fees associated with this course.

AUTO TECH II

CREDIT: 3 TYPE: Regular GRADE: 12

The program is designed to prepare its graduates to enter the rapidly changing automotive repair industry. The student will study each automobile system where he/she will learn the theory of operation along with the proper diagnostic procedure to repair a system problem. This course will be taught through Kilgore College and students can work towards earning a certification or college credit. Students are responsible for tuition/books and any fees associated with this course.

COSMETOLOGY I

CREDIT: 3 TYPE: Regular GRADE: 11-12

Requires Student information sheet. This course begins preparation for the State Board Operator Licensure in the field of Cosmetology. Instruction includes rules and regulations of the Texas Department of Licensing and Regulation Handbook, haircutting, hairstyling, hair coloring, manicures, pedicures, artificial nails, permanent waving, chemical air relaxing, facials, massage, and anatomy and physiology. This two-year program allows students to obtain 500 hours per year, for a total of 1000 hours upon completion of program. Students planning to enroll in this program must have a \$25.00 money order made out to the Texas Department of Licensing and Regulation for the required permit the first week of instruction. Students will not be allowed to work on clinic floor without required kit (approx. \$180-\$200). Students are responsible for tuition/books and any fees associated with this course.

COSMETOLOGY II

CREDIT: 3 TYPE: Regular GRADE: 12

Prerequisite: 500 hours and successful completion of Cosmetology I

This course continues preparation for the State Board Operator Licensure exam. Students must pass the State Board exam to become a licensed cosmetologist in the state of Texas. Instruction includes rules and regulations of the Texas Department of Licensing and Regulation Handbook for Haircutting, hairstyling, hair coloring, manicures, pedicures, artificial nails, permanent waving, chemical hair relaxing, facials, massage, anatomy and physiology, salon management and product sales. Student's clientele consists of other students, family, friends, and the general public. To receive credits for this course, the student must have completed all practical applications and be scheduled to take the Texas Department of Licensing and Regulation exam for cosmetologist. Upon passing the state board exams, the student will be a professional licensed cosmetologist in the state of Texas.

No Credit

Late Arrival or Early Release

CREDIT: 0 TYPE: Regular GRADE: 12

Students who have all credits to graduate may select this with approval from counselors.