

**GILMER**



**BUCKEYES**

2017-2018

Gilmer High School  
Course Selection Guide

**Gilmer High School  
850 Buffalo Street  
Gilmer, TX 75644  
903-841-7500**

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**This material is published early in the preceding school year, so some changes in procedure, policy, or course offerings may be required. Students and parents may access updates on the GHS Counselor's web page.**

## PLANNING YOUR HIGH SCHOOL PROGRAM

Planning a four-year high school program impacts what you will do in the future. Many of your courses will be determined by the graduation plan you select. Will you attend a university or a trade school or a technical school or a community college? Do you want to learn a career skill that enables you to enter the workforce immediately after graduation? The answers to these questions are important in determining what courses you take at Gilmer High School.

Gilmer High School offers many courses that prepare students for a productive future. GHS courses prepare students for post-high school experiences: college, business school, technical school, military service, fine arts participation, full-time employment, and other areas. The programs offered allow a student to choose the high school program best for him/her, whether that program is the traditional college preparatory, tech-prep, or career preparatory program.

### Benefits of graduating under the Foundation High School Program with an Endorsement:

- **College readiness** – Many colleges and universities minimally require the Recommended High School Program for admission. In addition, students ranked in the top 10 percent of their graduating class from an accredited Texas public high school are eligible for automatic admission to most Texas public universities if they have completed the FHSP with Endorsement and meet distinguished achievement.
- **Recognition** – The Foundation High School Program seal will be affixed to the Academic Achievement Record (AAR), or transcript, of students graduating under the FHSP.
- **Test results** – Research suggests that students who take additional English, math, social studies, and science courses make higher scores on the SAT® or ACT® college entrance exams. The FHSP requires four credits in each of these core courses.
- **Program participation** – The Early High School Graduation Scholarship Program provides tuition and fee assistance to students completing grades 9-12 early or with a significant number of college hours. The Texas Scholars (formerly Globe Scholars) who qualify for financial assistance become eligible for a grant program passed by the Texas Legislature: the Texas Grant program. This *may* provide all tuition and fees for public colleges and universities in Texas; however, grant funds are administered on a first come first served basis. Both the Early High School Graduation Scholarship Program and Texas Scholars program require students to graduate under the Foundation High School Program with Endorsement.

***Funding for the Early High School Graduation Scholarship Program and Texas Scholars program are dependent upon the outcome of the budget set forth by the Texas legislature.***

# Gilmer High School Graduation Plan Requirements

A student entering Grade 9 in the 2014-2015 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the Foundation High School Program and the curriculum requirements for at least one endorsement. **(Texas Administrative Code Chapter 74)**

	FOUNDATION HIGH SCHOOL PLAN	ENDORSEMENTS
<b>English Language Arts</b>	<b>Four Credits:</b>	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
	English I	
	English II	
	English III An Advanced English Course	
<b>Mathematics</b>	<b>Three Credits:</b>	<b>STEM</b>
	Algebra I	Includes courses directly related to:
	Algebra II	*science, including environmental science
	Geometry	*advanced math
<b>Science</b>	<b>Three Credits:</b>	<b>BUSINESS AND INDUSTRY</b>
	IPC/or An Advanced Science	Includes courses directly related to:
	Biology	*information technology
	Any Advanced Science Course	*business
<b>Social Studies</b>	<b>Three Credits:</b>	*welding
	World History or World Geography	*automotive technology
	U. S. History	*agriculture
	U. S. Government (1/2 credit) Economics (1/2 credit)	
<b>Physical Education</b>	<b>One Credit</b>	<b>PUBLIC SERVICE</b>
<b>Fine Arts</b>	<b>One Credit</b>	Includes courses directly related to: *health occupations *culinary arts and hospitality *education and training *JROTC
<b>Foreign Language</b>	<b>Two Credits of the same language</b>	
<b>State Required Electives</b>	<b>Five Credits</b>	<b>ARTS AND HUMANITIES</b>
<b>Required Electives by GISD</b>	<b>1 Technology plus 5 other electives</b>	Includes courses directly related to:
<b>DISTINGUISHED ACHIEVEMENT</b>		*political science
**Four credits in math, including Algebra II		*cultural studies
**Four credits in science		*History
**Completion of curriculum for at least one endorsement		*Fine Arts
**Must complete to be eligible for top 10% automatic admissions		*English literature
		*world languages
<b>PERFORMANCE ACKNOWLEDGMENTS</b>		<b>MULTIDISCIPLINARY STUDIES</b>
For outstanding performance		Students select from a variety of courses
*in a dual credit course		offered in any endorsement area to
*in bilingualism and bi-literacy		meet all requirements under the
*on an AP test or IB exam		distinguished achievement plan
*on the PSAT, the ACT-Plan, the SAT or the ACT		
* for earning a nationally or internationally recognized business or industry certification or license		

► No later than the beginning of the ninth-grade year students are to indicate in writing which endorsement they will follow. This will be indicated on their Personal Graduation Plan (PGP).

### Additional Information: Performance Acknowledgments

Students graduating under the Foundation High School Program with Endorsement can graduate with a Performance Acknowledgment. To earn this, a student must meet one of the following requirements:

- Outstanding performance
  - \*in a dual credit course (earned at least 12 hours of college credit with a grade of 3.0 or higher)
  - \*in bilingualism and bi-literacy (take at least 3 years of a foreign language with at least an 80 average)
  - \*on an AP test (must earn a score of 3 or above)
  - \*on the PSAT (recognized by NMSC), the ACT-Plan, the SAT (1250 minimum), or the ACT (28 minimum)
- Earning a nationally or internationally recognized business or industry certification or license.

### Texas/GLOBE Scholar

A student may graduate as a Texas/GLOBE Scholar upon completion of the Foundation High School Program plus Endorsement including the successful completion of Algebra 2.

### STAAR/EOC Testing Requirements for Graduation

The STAAR EOC assessments test a high school student's mastery of the Texas Essential Knowledge and Skills (TEKS) for a given course, and determine college and career readiness. A student who enrolled in 9<sup>th</sup> grade in 2011-2012 or after is required to take STAAR EOC assessments. If a student is enrolled in grade 8 or below and is taking a course for which there is a STAAR EOC assessment, that student will be required to take the applicable STAAR EOC assessment. Satisfactory performance on the applicable assessments is required for graduation, unless otherwise waived or substituted as allowed by state law and rules. STAAR end-of-course (EOC) assessments are administered for the following courses: Algebra I, Biology, English I, English II, and U.S. History.

Students not meeting state testing requirements but meeting all course requirements may participate in the graduation ceremony, if the student participated in all retest opportunities. Approved absences are at principal's discretion. Students meeting course requirements will receive a certificate of completion.

### Grade Level Classification

A student is classified according to the number of credits earned at the beginning of the school year.

Freshman: 0 to 5 ½ credits

Sophomore: 6 to 11 ½ credits

Junior: 12 to 17 ½ credits

Senior: 18 to 28 credits

### Class Rank

Class rank is determined by the student's cumulative GPA at the end of each academic semester, and the grade level classification. Details on Class Rank can be found in School Board Policy EIC (LOCAL).

\*Class rank for graduation is based on all courses completed **through the fifth six weeks of the senior year**

**EXCLUDING** the following courses:

- Locally developed courses or local credit courses (EOC classes and Math Labs)
- High School Courses taken in junior high school
- Courses taken for Credit Recovery
- Correspondence Courses
- Non-Dual Credit Summer Courses
- Pass/Fail Courses
- Credit By Exams
- Audit Course

**ADVANCED PROGRAM AND GRADING SYSTEM (For Graduates in 2018, 2019, and 2020)**  
**Grading System for graduates in 2021 can change pending a board decision.**

<b>Numerical Grade</b>	<b>Weighted (Pre-AP, AP, Dual Credit)</b>	<b>Unweighted</b>
100	5.0	4.0
99	4.9	3.9
98	4.8	3.8
97	4.7	3.7
96	4.6	3.6
95	4.5	3.5
94	4.4	3.4
93	4.3	3.3
92	4.2	3.2
91	4.1	3.1
90	4.0	2.0
89	3.9	2.9
88	3.8	2.8
87	3.7	2.7
86	3.6	2.6
85	3.5	2.5
84	3.4	2.4
83	3.3	2.3
82	3.2	2.2
81	3.1	2.1
80	3.0	2.0
79	2.9	1.9
78	2.8	1.8
77	2.7	1.7
76	2.6	1.6
75	2.5	1.5
74	2.4	1.4
73	2.3	1.3
72	2.2	1.2
71	2.1	1.1
70	2.0	1.0

Recognition for the top 10% Awards Banquet, honoring Juniors and Seniors who meet the qualifications, will be based on rankings at the end of the fall semester of the junior and senior years.

## **Top 10% Automatic Admission Policy**

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 Foundation High School Program with Endorsement including Algebra 2 (or the equivalent if enrolled in private school) or satisfy ACT's College Readiness Benchmarks on the ACT college entrance exam, or meet the SAT Benchmarks as prescribed by College Board and the SAT , 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 the requirements of the Foundation High School Program with Endorsement.

### **Curriculum Requirements**

Not later than the end of a student's junior year in high school, his or her official transcript should indicate whether the student has satisfied or is on schedule to satisfy the requirements for the FHSP with Endorsement. Students who are unable to satisfy the curriculum requirements of the FHSP with Endorsement because the courses necessary to complete the requirements are unavailable as a result of course scheduling, lack of enrollment capacity, or another cause not within the student's control, are considered to have satisfied the requirements of the relevant program. In such cases, the student must have successfully completed the portions of the FHSP with Endorsement curricula that were available and the student's official transcript or diploma must indicate this.

### **Admission and Enrollment**

State colleges and universities may admit a student accepted under the Automatic Admission policy for either the fall semester of the academic year for which the student applied or for the summer session that proceeds that fall semester. Additionally, the admitting college or university may require that applicants in need of additional preparation for college-level work enroll in enrichment courses or programs during the summer immediately after the student is admitted. Colleges and universities are required to admit an applicant as an undergraduate student if the applicant is the child of a public servant who was killed or fatally injured in the line of duty and who meets the minimum entrance requirements set by the college or university.

### **\*The University of Texas at Austin**

The University of Texas at Austin, is not required to automatically admit applicants in excess of 75% of its enrollment capacity for the first-time resident undergraduate students. Should the number of applicants who qualify for automatic admission exceed 75% of enrollment capacity, UT shall provide notice of the percentage of qualified applicants that are anticipated to be offered admission.

**Pre-Advanced Placement and Advanced Placement Courses**

Enrollment in Pre-Advanced, Advanced Placement, Honors, and Dual Credit courses should be based on interest as well as ability, since the curriculum requires more advanced and intensive work. Students may enroll in Pre-Advanced and Advanced Placement courses if they meet the following stipulations: 1) an 85 in previous course in the same subject or an 80 in a Pre-AP or AP course. In order for a student to remain in a Pre-AP or AP course a student must meet certain requirements as explained in the contract for that course. TO EARN WEIGHTED CREDIT IN AN AP COURSE, THE STUDENT MUST TAKE AND PAY FOR THE EXAM. The district will cover a portion of the cost.

**DUAL CREDIT**

**Dual Credit – Title 19, Part 1, Chapter 4, Subchapter D, Rule §4.85**

**Texas Success Initiative – Title 19, Part 1, Chapter 4, Subchapter D, Rule §4.54**

**Dual credit courses must be taken in compliance with the district dual credit policy and will require principal and/or counselor approval.**

**Student Eligibility**

1. A high school student is eligible to enroll in dual credit courses in the 11<sup>th</sup> and/or 12<sup>th</sup> grade if the student meets the minimum passing standard on the TSI or is exempt from TSI. Please see page 10 of the course selection guide for TSI readiness standards and possible exemptions.
2. An 11<sup>th</sup> grade student may also enroll in dual credit under the following conditions:

Test	Score	Specifics
STAAR EOC - Algebra II	Minimum final phase in Level 2	Score of at least 4000
STAAR EOC - English II Reading or English II Writing	Minimum final phase in Level 2	Scale score of at least 4000
PSAT/NMSQT	Combined score 107	Critical Reading - minimum 50 Mathematics - minimum 50
PLAN	Composite score of 23	Mathematics - 19 English - 19

3. **Students initially enrolling in dual credit in 12<sup>th</sup> grade CANNOT use English II EOC scores and must satisfy TSI through one of the other assessment methods listed on page 10.**

4. A high school student is eligible to enroll in workforce education dual credit courses in 11<sup>th</sup> and 12<sup>th</sup> grade if:

STAAR EOC	Final phase in	Algebra I
STAAR EOC	Final phase in	English II Reading or Writing

Dual credit courses typically taught with a teacher in attendance at Gilmer High School are: US History 1301 and 1302; English 1301 and English 1302; Government 2305; Art Appreciation 1301; Music Appreciation 1306; and Speech 1315. Dual Credit courses, with teachers, can change from year to year based on employee qualifications.

**Dual credit courses fall under the guidelines of the college awarding the college credit. Gilmer High School administrators and counselors do not have authority over the rules and requirements of the college. Students will be given a Kilgore College Dual Credit Handbook when they enroll in a dual credit course. Students are responsible for meeting all deadlines set by the college. Students are responsible for purchasing the correct**



**textbook and paying for the course outlined by the college. At the end of each year a dual credit information session is held.**

Since a student receives college credit for a "D", students making between 69 and 60 in a dual credit course will be given a 70 on their high school transcript and will be awarded credit in the class on the high school transcript. This grade will **NOT** receive the weight in GPA. It is up to the college whether the student enrolls in the next level course.

It is up to the parent and student to ensure that dual credit courses will transfer to the student's college choice. There are many colleges that prefer students take math and science courses on their campus as opposed to taking these courses elsewhere. Most courses will transfer, but the course may transfer as an elective credit only.

When a high school student completes a dual credit math course they are considered TSI complete in mathematics. To be TSI complete in English, students may take an English course and any other course that is deemed to be intensive reading and/or writing. High intensive reading courses may include history, psychology, etc. Colleges will designate courses as high intensive in reading. Successful completion of any of these courses will qualify the student to be TSI complete in English.

#### **UIL Eligibility Regarding Advanced Courses**

Students failing a course deemed advanced, i.e. Pre-Advanced Placement, Advanced Placement, Honors, and Dual Credit, will be eligible for participation in UIL events as per Board Policy Legal FM

#### **Concurrent Enrollment in College Courses**

Students may enroll in college courses at the same time they are enrolled in high school, but they **will not receive high school credit for those courses**. The price will be the same as for a dual credit course, but students will receive only college credit for the course. **Examples of courses for concurrent enrollment are: Nutrition, Human Growth and Development, etc.**

#### **Kilgore College Courses for Certification**

Students will have the opportunity to take courses that will count towards certification for a trade. If you are interested in any of the certification courses, please see your counselor for more details on how that effects your class schedule.

- Auto technology can be taken on the Kilgore College campus. Students will be able to take a certification exam once all required courses are completed. Students may begin these classes as a junior.
- Cosmetology is offered in Longview. Students are reimbursed fees once the student is successful in the first semester. Students may begin these classes as a junior.
- Pharmacology is offered on the GHS campus through a web class. Students must be a senior to take pharmacology.
- Culinary Arts is offered through Kilgore College at Longview High School. This course will be taught beginning at 4 p.m. and ending at 6 p.m. at Longview High School.

#### **Requirements for Students Enrolling In Public Colleges and Universities in Texas**

All students must receive a bacterial meningitis injection before attending a college or university in Texas.

Before enrolling in an institution of higher learning in Texas students must meet College Readiness standards as stated in Texas Education Code Section 51.3062.

### ***The Texas Success Initiative***

TSI was instituted by the Texas Legislature and is a program of diagnostic testing and developmental instruction designed to improve student success rates in Texas colleges. Entering college students are required to meet established minimum standard on assessment tests in math, reading, and writing. Those students who do not meet these standards are required to enroll in appropriate developmental courses designed to improve their academic skills and prepare them for college-level courses.

### **Exemption**

Not all incoming students need to take the TSI Assessment. Students with a TSI Assessment exemption can enroll in any entry-level college course without restrictions. Students may be exempt if they:

- Have met the minimum college readiness standard on SAT, ACT, or a statewide high school test:
  - A. SAT:** a combined critical reading and mathematics score of 1070 with a Minimum of 500 on the critical reading test shall be exempt for both reading And writing sections of the TSI Assessment, and/or 500 on the mathematics test Shall be exempt for the mathematics section of the TSI Assessment; **OR**
  - B. ACT:** composite score of 23 with a minimum of 19 on the English test shall be Exempt for both the reading and writing sections of the TSI Assessment, and/or 19 on the mathematics test shall be exempt for the mathematics section of the TSI Assessment; **OR**
  - C.** on the Eleventh grade exit-level TAKS with a minimum scale score of 2200 on on the math section and/or a minimum scale score of 2200 on the English Language Arts section with a writing subsection score of at least 3; **OR**
  - D.** STAAR end-of-course (EOC) with a minimum score of Level 2 on the English III Shall be exempt from the TSI Assessment required under this title for both reading And writing, and a minimum score of Level 2 on the Algebra II EOC shall be exempt From the TSI Assessment required under this title for mathematics section

Exemption criteria is in effect for up to 5 years after the exemption is met

### **COLLEGE READY CUT-SCORES on TSI**

PHASE 2 – Freshmen entering higher education **Fall 2017**

- Mathematics – 356
- Reading – 355
- Writing – Essay Score of 5; Essay Score of 4 and Multiple Choice of 363

FINAL – Freshmen entering higher education **Fall 2019**

- Mathematics – 369
- Reading – 359
- Writing – Essay Score of 5; Essay Score of 4 and Multiple Choice of 363

### **Early Graduation**

Students may graduate early, subject to the following conditions:

- ~a letter to the principal stating why they are requesting early graduation, and
- ~a document signed by the parent and student submitted to the counselor no later than the year before the intended graduation date.

Below is a list of Endorsements for the graduation plan set forth in House Bill 5, the Foundation HS Program

### **ENDORSEMENT OPTIONS**

#### **SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS (STEM)**

- ❖ A student may earn STEM endorsement by completing the requirements specified below, including Algebra II, chemistry and physics AND:
  - A coherent sequence of three or more courses for four or more credits in CTE that includes at least two courses in the same career cluster and at least one advanced CTE course (see health science for example) OR
  - Four credits in mathematics by successfully completing Algebra II and three additional mathematics courses for which Algebra II is a prerequisite (see math section for example) OR
  - Four credits in science by successfully completing physics and three additional science courses (see science section for example)

#### **BUSINESS AND INDUSTRY**

- ❖ A student may earn Business and Industry endorsement by completing the requirements in a coherent sequence offered in one of the following:
  - Agriculture, Food & Natural Resources
  - Business Management & Administration
  - Hospitality & Tourism
  - Information Technology
  - Transportation, Distribution & Logistics
  - Four English elective credits in Debate

(Coherent examples can be found in the course offerings section of this document)

#### **PUBLIC SERVICES**

- ❖ A student may earn a public services endorsement by completing the requirements in a coherent sequence in one of the following:
  - Educational and Training
  - Human Services
  - Four courses in Junior Reserve Officer Training Corps (JROTC)

(Coherent examples can be found in the course offerings section of this document)

#### **ARTS AND HUMANITIES**

- ❖ A student may earn an arts and humanities endorsement by completing:
  - Five social studies courses
  - Four levels of the same language in a language other than English
  - Coherent sequence of four credits by selecting courses in fine arts

(Coherent examples can be found in the course offerings section of this document)

#### **MULTIDISCIPLINARY STUDIES**

- ❖ A student may earn a multidisciplinary studies endorsement by completing one of the following:
  - Four advanced courses that prepare a student to enter the workforce successfully or postsecondary education without remediation from within one endorsement area or among endorsement areas that are not in a coherent sequence
  - Four credits in each of the four foundation subject areas to include English IV and chemistry and/or physics
  - Four advanced placement courses to include one credit in each of the four foundation subjects

Below are possible coherent sequence options for each Endorsement area.

## Gilmer High School Four Year Plan with Arts and Humanities Endorsement

<i>Art, Theater, Band, Foreign Language, and Social Studies</i>			
9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Art 1	Art 2	Art 3	Art 4
Art 1	Art Photography 2	Art Photography 3	Art 4 Photography 4
Band 1	Band 2	Band 3	Band 4
Choir 1	Choir 2	Choir 3	Choir 4
Theatre 1	Theatre 2	Theatre 3	Theatre 4
Spanish 1	PAP Spanish 2	PAP Spanish 3	AP Spanish 4
World Geography	World History	US History/Psychology & Spec Topic	AP European History & Govt/Econ

## Gilmer High School Four Year Plan with Multidisciplinary Endorsement

MULTIDISCIPLINARY ENDORSEMENT			
9th GRADE	10th GRADE	11th GRADE	12th GRADE
Elective	Elective	Elective	Elective

## Gilmer High School Four Year Plan with STEM Endorsement

(must take 5 Math or 5 Science courses MUST take Physics)				
8 <sup>th</sup> grade	9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Algebra 1	Geometry	Algebra 2	Pre-Calculus	AP Calculus/AP Stat
	Algebra 1	Geometry	Algebra 2	Pre-Calculus & AP Stat
	PAP Biology	Chemistry	Physics	AP Biology
			Biotechnology	AP Chemistry

## Gilmer High School Four Year Plan with Business & Industry Endorsement

<b><i>Animal Systems</i></b>			
<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
Prin. of Ag Food & Natural Resources	Small Animal (.5)	Veterinary Medical Applications	Advanced Animal Science
	Professional Standards in Ag Business (.5)	Livestock Production	Career Preparation
<b><i>Agribusiness Systems</i></b>			
Prin. of Ag Food & Natural Resources	Small Animal (.5)	Agribusiness	Math App. In AFNR
	Professional Standards in Ag Business (.5)	Career Preparation	Career Preparation
<b><i>Environmental and Natural Resources</i></b>			
Prin. of Ag Food & Natural Resources	Small Animal (.5)	Forestry and Woodlands	Wildlife and Fisheries
	Professional Standards in Ag Business (.5)		Adv. Plant and Soil Science
<b><i>Design and Landscape Management</i></b>			
Prin. of Ag Food & Natural Resources	Floral Design	Horticulture	Adv. Plant and Soil Science
			Career Preparation
			Ag Lab (Adv. Floral)
<b><i>Power, Structure, and Technical Systems - Welding</i></b>			
Prin. of Ag Food & Natural Resources			Advanced Welding (2)
	Agriculture Mechanics & Metal Tech	Welding (2)	Career Preparation
<b><i>Journalism</i></b>			
<b>9<sup>th</sup> grade</b>	<b>10<sup>th</sup> grade</b>	<b>11<sup>th</sup> grade</b>	<b>12<sup>th</sup> grade</b>
Debate 1	Debate 2	Debate 3	Advanced Public Speaking
	Yearbook 1	Yearbook 2	Yearbook 3

<b>Logistics and Transportation</b>			
9 <sup>th</sup> grade	10 <sup>th</sup> grade	11 <sup>th</sup> grade	12 <sup>th</sup> grade
Small Engine Tech II	Small Engine Tech II	Auto Tech I	Auto Tech II
<b>Arts, A/V Technology &amp; Communication</b>			
Prin. Of A/V Tech	Graphic Design & Illustration	Animation 1	Animation 2
<b>Principles of Information Technology</b>			
Prin. of Info Technology	Digital Media	Web Technology	Animation

## Gilmer High School Four Year Plan with Public Service Endorsement

<b>Cosmetology</b>			
		Cosmetology 1	Cosmetology 2
<b>Health Science</b>			
Prin. of Health Science	Health Science	Anatomy & Physiology	Medical Terminology
		Medical Terminology	Pharmacology
	CNA courses	CNA courses	CNA Clinical and Lab
<b>Junior Air Force ROTC</b>			
JROTC 1	JROTC 2	JROTC 3	JROTC 4
			Staff
<b>Education Training</b>			
Prin. of Education	Human Growth & Development	Instructional Practices in Education (2)	Practicum in Education Training (2)
<b>Hospitality and Tourism</b>			
Intro to Culinary	Culinary Arts (2)	Adv. Culinary Arts(2)	Culinary Practicum
			Career Prep

# Gilmer High School Course Offerings

## **ENGLISH - LANGUAGE ARTS**

*In order to satisfy state graduation requirements under the Foundation High School Program with Endorsement, a student must complete 4 credits in English of which 3 must be English 1 (PAP), English 2 (PAP), and English 3 (PAP).*

### **0510 English I**

**Credit: 1**

#### **Grade Level: 9**

English I includes instruction in the concepts and skills of composition, grammar usage, literature, spelling, and vocabulary. Literature will include the reading of several novels independently and as a class. Composition includes the writing of expository, descriptive, persuasive, and narrative paragraphs. Research skills are taught and the first part of the documented research paper is written.

### **0511 Pre-AP English I**

**Credit: 1**

#### **Grade Level: 9**

**Prerequisite: Must meet entry grade requirements**

**Summer readings are required.**

Pre-AP English I includes the essential skills and concepts in English I – grammar, composition, and literature. In addition, composition is expanded to include literary commentary as well as several other pieces of original fiction and non-fiction. Research skills are taught and a documented research paper is written. Literature will include the study of a number of novels read both independently and as a class. Students will be expected to select additional novels to read independently based upon individual ability, needs, and interests. Vocabulary for college bound students is studied. The study of grammar, integrated in student writing, includes a study of usage, complex construction, and exceptions to the rules.

### **0520 English II**

**Credit: 1**

#### **Grade Level: 10**

**Prerequisite: English I or PAP English I**

English II is a continuation of the basic communication skills. In composition, emphasis is placed on types of paragraph development, such as comparison-contrast, and types of paragraph organization culminating in three-to-five paragraph themes. In literature, emphasis is on genres, short story, epic, poetry, drama, novel, and mythology. Students work through the research process including documentation and learn to use the various research sources in the library. Grammar skills are reinforced through writing.

### **0521 Pre-AP English II**

**Credit: 1**

#### **Grade Level: 10**

**Prerequisite: English I or PAP English I (dependent upon grades in course)**

**Summer readings are required.**

Pre-AP English II includes the essential skills and concepts in English II, grammar, composition, and literature. In addition, composition is expanded to include a book review, a short story, and/or a myth. Research skills are reinforced and a documented paper is written. Literature will include the study of a number of novels read both independently and in class. Students will be expected to select several novels to read independently based upon individual ability, needs, and interests. Vocabulary for college bound student is studied. The course includes the study of grammar integrated in the student writing.

**0530 English III** **Credit: 1**

**Grade Level: 11**

**Prerequisite: English II or PAP English II**

This course incorporates the study of grammar, spelling, and vocabulary in the writing process throughout the year. Emphasis in composition begins with paragraph writing including narrative, descriptive, persuasive and expository, using different types of development such as reasons, examples, causes, and effect. Composition continues with three-and-five paragraph expository and persuasive themes culminating in the writing of a documented critical analysis. The literature focuses on American writers with a study of such literary types as novels, short stories, poetry, drama, and nonfiction. In addition, supplementary novels are assigned. Students will be expected to select additional novels to read independently based upon individual ability, needs, and interests.

**0531 AP English III – Language and Composition** **Credit: 1**

**Grade Level: 11**

**Prerequisite: English II or PAP English II (dependent upon grades in course)**

**Summer readings are required.**

AP English Language and Composition includes the essential skills in English III. Grammar will be studied in depth; many SAT vocabulary words will be taught, write according to purpose including a literary research paper, and analyze various types of literature. The English III course focuses on American Literature from the seventeenth century to the present, but pieces of World Literature will be assigned in the AP course. **The AP exam must be taken to receive weighted credit. Student pays the fee.**

**0540 English IV – Considered an Advanced English credit** **Credit: 1**

**Grade Level: 12**

English IV combines the study of grammar, vocabulary, composition, and literature. Students will write a number of five-paragraph themes and research paper five to seven pages long. The student of literature will include both classical and contemporary works of British Literature.

**0541 AP English IV Literature and Composition – Considered an Advanced English credit** **Credit: 1**

**Grade Level: 12**

**Prerequisite: English III or AP English III (dependent upon grades in course)**

**Summer Readings are required.**

AP English IV includes the essential skills and concepts in English IV. The study of grammar is limited to a brief review since students are to have a strong foundation in grammar prior to entering this course. Additional composition assignments include an explication of poems read independently, original writing such as sonnets or parodies, and a research paper dealing with a literary topic. Students will also prepare an oral presentation based on a work of Non-British World Literature. The remainder of the literature studied will be British Literature. Students will be expected to select additional novels to read independently based upon individual needs, abilities and interest. **The AP exam must be taken to receive weighted credit. The student pays the fee for the exam.**

**0542 Dual Credit English ENGL 1301 AND ENGL 1302 – Considered an Advanced English credit** **Credit: 1**

**Grade Level: 12**

**Prerequisite: College entrance requirement/TSI standards**

Students must receive a 70 in Engl 1301 to take the second semester Engl 1302, this requirement is set by the college

**0545 Business English -Considered an Advanced English** **Credit: 1**

**Grade Level: 12**

**Prerequisite: English III**

Students recognize, evaluate, and prepare for a rapidly evolving global business environment that requires flexibility and adaptability. 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 are expected to plan, draft, and complete written compositions on a regular basis. Students edit their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English and produce final, error-free drafts for business reproduction.



**0565 Professional Communications – Speech**

**Credit: ½**

**Grade Level: 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.

**0561 Debate 1**

**Credit: 1**

**Grade Level: 9-12**

This course is designed to prepare students for the competitive aspect of debate. Students develop research skills, logic, and the ability to think quickly. It requires students to travel and compete in tournaments, and is highly recommended for college bound students. Both types of debate will be covered: teams debates (2 person teams) and Lincoln-Douglas debates (one-on-one). Because of the unique nature of this course, students will need to be eligible all year for the various tournaments and workshops they will be attending.

**0562 Debate 2**

**Credit: 1**

**Grade Level: 10-12**

**Prerequisite: Debate 1 and teacher approval**

Debate 2 is designed to help students develop listening and critical thinking skills, analytical skills, research skills and speech skills. These are the skills of argumentation and debate, yet, they are skills that are needed to do well in any course and to be successful in life.

**0563 Debate 3 – Counts as an Advanced English**

**Credit: 1**

**Grade Level: 11-12**

**Prerequisite: Debate 1 and 2 and teacher approval**

Debate 3 is designed to recognize the necessary steps to debate in a democratic society. Students will study a particular debate resolution. Each student will discover educational, as well as competitive values of debate.

**0564 Debate 4**

**Credit: 1**

**Grade Level: 12**

**Prerequisite: Debate 1, 2 and 3 and teacher approval**

Debate 4 students shall be provided opportunities to explore potential issue, value, and factual topics. Court law and community opinion will be discussed in debate class. Tournament and UIL competition are strongly encouraged.

**0581 Yearbook**

**Credit 1**

**Grade Level: 10-12**

**Prerequisite: See Below**

**0582 Yearbook 2**

**Credit: 1**

**Grade Level: 11-12**

**Prerequisite: Yearbook 1**

**0583 Yearbook 3**

**Credit: 1**

**Grade Level: 12**

**Prerequisite: Yearbook 2**

Application required, please see Mrs. Hoffpauir. There are a limited number of spaces available. Emphasis will be placed on the creative, mechanical, managerial, and business functions relating to the production of a major publication such as a yearbook. Students will be given the opportunity to use the various skills in the actual production of the high school yearbook using desktop publishing. This course requires the ability to assume responsibility and work independently. Computer application is helpful.

# **MATHEMATICS**

***In order to satisfy state graduation requirements under the Foundation High School Program with Endorsement, a student must complete four credits in Mathematics, two of which must include Algebra 1 and Geometry.***

## **1010/1013 Algebra I and Lab**

**Credit – 2**

**Grade Level: 9**

**Prerequisite: 8<sup>th</sup> grade math**

Provides the basis for all higher-level math and science courses. The content includes development of the real number system, solution of linear equations and inequalities in one or two variables, operations with polynomials, coordinate graphing and solution of simple quadratic equations. Students use a variety of representations, tools and technology to solve meaningful problems. Math Models will be taught in conjunction with Algebra I to bring in the application side of math such as money, data, chance, patterns, music, design, nature and science. Students will use concrete algorithmic, graphical and technological tools to help them solve problems.

## **1011 Algebra 1 Pre-AP**

**Credit: 1**

**Grade Level: 9**

**Pre-Requisite: 8<sup>th</sup> grade Math or 8<sup>th</sup> grade Advanced Math** (dependent upon grades in previous course)

Provides the basis for all higher-level math and science courses. The content includes development of the real number system, solution of linear equations and inequalities in one or two variables, operations with polynomials, coordinate graphing and solution of simple quadratic equations. Students use a variety of representations, tools and technology to solve meaningful problems

## **1020 Geometry**

**Credit: 1**

**Grade Level: 10**

**Prerequisite: Algebra I**

Geometry is the study of points, lines, and planes and the relationship of figures. The use of logical or deductive reasoning is stressed throughout the course. Topics of study will include angles and triangles, polygons and circles, inductive reasoning, constructions, coordinate graphing of points and linear equations, volume and surface area. Real world applications will be used in this class.

## **1021 Geometry – Pre-AP**

**Credit: 1**

**Grade Level: 10**

**Prerequisite: Algebra I;** (dependent upon grades in previous course)

Pre-AP Geometry covers the same course content as Geometry but in greater depth. Transformations are studied, and students are expected to work at more rapid pace.

## **1030 Algebra II**

**Credit: 1**

**Grade Level: 11**

**Prerequisite: Algebra I**

Algebra II reviews the concepts in Algebra I and extends them to a more formal level. The course is designed to broaden the development of numbers to the complex number system, to expand the concept of functions to include quadratic, exponential, and logarithmic functions, to analyze conic sections, and to perform operations with matrices.

## **1031 Pre-AP Algebra II**

**Credit: 1**

**Grade Level: 11**

**Prerequisite: Algebra I** (dependent upon grades in previous course)

This course includes the same content as Algebra II, but at a higher level. In-depth problem solving is emphasized and students are expected to work at a more rapid pace than in Algebra II.

**1040 Pre-Calculus****Credit: 1****Grade Level: 11-12****Prerequisite: Geometry & Algebra II**

Stresses an analysis of functions and is designed to prepare students for Calculus. Trigonometric functions, solution of triangles, identities, real-world applications, sequences and series, polynomials and functions, and conic sections will be taught. Problem solving, language and communication and reasoning will be used in this course.

**1041 Pre-AP Pre-Calculus****Credit: 1****Grade Level: 11-12****Prerequisites: Pre-AP Geometry & Pre-AP Algebra II; prior teacher approval**

Stresses a rigorous analysis of functions and unifies concepts from trigonometry, elementary analysis and analytic geometry. The course is designed to prepare students for AP Calculus.

**1042 Financial Math****Credit:****Grade Level: 12****Prerequisite: Algebra 1**

This course is about personal money management. Students will apply critical thinking skills to analyze personal financial decisions based on current and projected economic factors. Financial math will integrate career and postsecondary education planning into financial decision making.

**1051 AP Calculus – AB****Credit: 1****Grade Level: 12****Prerequisite: Pre-AP Calculus and teacher approval**

Designed for the students who have a thorough knowledge of college preparatory mathematics, including Algebra, Geometry, and Pre-Calculus. The course includes a study of elementary functions, properties of limits, and techniques of differentiations of integration. **The AP exam must be taken to receive weighted credit. The student pays the fee for the exam.**

**1052 AP Statistics****Credit: 1****Grade: 12****Prerequisite: Algebra II**

Students will explore the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Students are exposed to four broad conceptual themes: exploring data, sampling and experimentation, anticipating patterns, and statistical inference. **The AP exam must be taken to receive weighted credit. The student pays the fee for the exam.**

## **SCIENCE**

***In order to satisfy state graduation requirements under the Foundation High School Program with Endorsement, a student must complete four credits in Science, which must include Biology.***

**1520 Integrated Physics and Chemistry****Credit: 1****Grade Level: 9**

IPC is a laboratory course designed to acquaint the student with a study of physical laws and concepts of physics and chemistry. This course is a foundation course in science. Topics studied are light, energy, electricity, machines, chemical properties, and atomic structure. Students who took regular Biology during the 2010-11 school year will take IPC.

**1510 Biology I****Credit: 1****Grade Level: 10**

A basic understanding of the nature of life is developed through classroom and laboratory study. This course reinforces concepts through laboratory investigations. Topics covered include cell structure, function, and replication, protein synthesis, classification, heredity, and plant survey including photosynthesis.

- 1511 Pre-AP Biology I** **Credit: 1**  
**Grade Level: 9-10**  
**Prerequisite: (dependent upon grades in previous course)**  
 Designed for those students who have shown above average science aptitude and academic achievement. Emphasis is placed on higher level and critical thinking skills.
- 1512 AP Biology** **Credit: 1**  
**Grade Level: 11-12**  
**Prerequisites: Biology and Chemistry**  
 This course is designed to help students develop advanced inquiry and reasoning skills, such as designing a plan for collecting data, analyzing data, applying mathematical routines, and connecting concepts in and across domains.  
**The AP exam must be taken to receive weighted credit. The student pays the fee for the exam.**
- 1530 Chemistry I** **Credit: 1**  
**Grade Level: 10 – 12**  
**Prerequisite: Biology and Algebra II (can be taken concurrently), preferably IPC, but not required**  
 Chemistry is the basis for the study of all other sciences. Students will have the opportunity to learn about the behavior of matter and will be able to better understand the world in which they live. Students will actively participate in laboratory experiments and be involved in an exciting discovery process through which they will study topics such as the periodic chart and its trends, atomic structures, acids, bases, chemical reactions, and energy changes.
- 1531 Pre-AP Chemistry I** **Credit: 1**  
**Grade Level: 10 – 12**  
**Prerequisite: 90 or above in prior regular science course or 80 or above in advanced science course**  
 Designed for students with advanced math abilities. Problem solving will be an integral part of the course and students will have the opportunity to utilize algebra concepts. Concepts will cover periodic chart and its trends, atomic structure, solutions, equilibrium, chemical reactions, and other advanced topics
- 1532 AP Chemistry** **Credit: 1**  
**Grade: 11-12**  
**Prerequisites: Chemistry and Algebra II**  
 Students study the properties of matter with a strong emphasis on the mathematics of chemistry. **The AP exam must be taken to receive weighted credit. The student pays the fee for the exam.**
- 1540 Physics** **Credit: 1**  
**Grade Level: 11-12**  
**Pre-requisite: Chemistry**  
 This is a theoretical course making maximum use of laboratory facilities for experimental work in the areas of mechanics, heat, optics, electricity, magnetism and quantum theory.
- 1541 Physics – Honors** **Credit: 1**  
**Grade Level: 11 – 12**  
**Pre-requisite: 90 or above in prior regular science course or 80 or above in advanced science course credit in PAP Chemistry and PAP Algebra II**  
 This course is a college preparatory course designed for students with a strong math foundation. There is a need for the problem-solving methods as taught in math and practiced in chemistry. This is a theoretical course making maximum use of laboratory facilities for experimental work in the areas of mechanics, heat, optics, electricity, magnetism and quantum theory.

**1542 Anatomy & Physiology CTE**

**Credit: 1**

**Grade Level: 11 or 12**

**Prerequisite: Biology and Chemistry**

Students will conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems.

**1543 Advanced Biotechnology CTE**

**Credit: 1**

**Grade: 11-12**

**Prerequisites: Biology and Chemistry**

Learn about the application of biotechnology in medicine, forensics and law enforcement. Study how to change genetic characteristics, use nanotechnology and bioinformatics. Investigate occupations in the field of biotech and the ethical issues that face those occupations.

**5517 Advanced Animal Science**

**Credit: 1**

**Grade Level: 11- 12**

**Pre-requisites: Biology and Chemistry or IPC, Algebra 1 & Geometry, and Small Animal, Equine, or Livestock**

This course will prepare students for careers in the field of animal science. Students will attain academic skills and knowledge related to animal systems. And develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

## **SOCIAL STUDIES**

***In order to satisfy state graduation requirements under the Foundation High School Program with Endorsement, a student must complete three credits in Social Studies, which must include either World Geography or World History, U.S. History, U.S. Government, and Economics.***

**2010 World Geography**

**Credit: 1**

**Grade: 9-10**

Students examine the physical processes that shape patterns in the physical environment: the characteristics of major land forms, climates, and ecosystems and their interrelationships; the political, economic, and social processes that shape cultural patterns of regions; types and patterns of settlement; the distribution and movement of world population; relations among people, places and environments; and concepts of region. Students also analyze how location affects economic activities in different economic systems throughout the world and use problem solving and decision-making skills to ask and answer geographic questions.

**2012 World Geography Pre-AP**

**Credit: 1**

**Grade: 9-10**

**Prerequisite: dependent upon grade in previous social studies course**

Provides an in-depth analysis of how people interact with their geography. Analysis based on geographic skills will extend to regional conflicts, population growth, global pollution, energy resources, world hunger, diseases and their spread, etc.

**2030 World History**

**Credit: 1**

**Grade Level: 10**

An overview of the history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present.

- 2031 AP World History** **Credit: 1**  
**Grade Level: 10-12**  
**Prerequisite: dependent upon grades in previous social studies course**  
 The approach to the history of the world will be global, comparative, and analytical. **The AP exam must be taken to receive weighted credit. The student is responsible for the fee.**
- 2032 AP European History** **Credit: 1**  
**Grade Level: 11-12**  
**Prerequisite: 90 or above in prior regular social studies course**  
 Historical content for this course focuses on the political, economic, and social events and issues related to Europe. **The AP exam must be taken to receive weighted credit. The student is responsible for the fee.**
- 2020 US History Studies Since Reconstruction** **Credit: 1**  
**Grade Level: 11**  
 Historical content for this course focuses on the political, economic, and social events and issues related to industrialization and urbanization, major wars, domestic and foreign policies of the Cold War and post-Cold War eras, and reform movements including civil rights. Students use critical-thinking skills to explain and apply different methods that historians use to interpret the past.
- 2021 AP US History** **Credit: 1**  
**Grade Level: 11**  
**Prerequisite: Summer Reading, 90 or above in prior regular social studies course or 80 or above in advanced social studies course**  
 This is an accelerated course for the college-bound student. The curriculum covers the history of the US from colonization to the present. It is designed to provide students with the analytic skills and factual knowledge necessary to assess historical materials as to their relevance, reliability, and importance. Outside reading, research and essay writing are critical requirements of the course. College credit for US History can be earned by meeting the necessary requirements on and AP exam. **The AP exam must be taken to receive weighted credit. The student is responsible for the fee.**
- 2022 Dual Credit US History 1301/1302** **Credit: 1**  
**Grade Level: 11**  
**Prerequisite: College entrance requirement/TSI standards**  
 Paying tuition and books before the deadlines are the student and parents responsibilities. Students are required to have books on the first day of class.
- 2050 National Government** **Credit: 0.5**  
**Grade Level: 12**  
 The principles and beliefs upon which the US was founded and on the structures, functions, and powers of government at the national, state, and local levels are the focus of this course.
- 2051 Dual Credit US Government 2305 National Government** **Credit: 0.5**  
**Grade Level: 12**  
**Prerequisite: College entrance requirement/TSI standards**  
 Students must have books on the first day of class. Paying tuition and books before the deadlines are the student and parent's responsibilities.
- 2510 Economics** **Credit: 0.5**  
**Grade Level: 12**  
 This required course is designed to familiarize the student with factors that have influenced the growth and development of the free enterprise system.

**2511 AP Macroeconomics****Credit: 0.5****Grade Level: 12**

Provides a thorough understanding of the principles of economics that apply to an economic system as a whole. This course places particular emphasis on the study of national income and price determination, develops your familiarity with economic performance measures, economic growth, and international economics. **The AP exam must be taken to receive weighted credit. The student is responsible for the fee.**

**2512 AP Microeconomics****Credit: 0.5****Grade Level: 12**

Provides a thorough understanding of the principles of economics that apply to the functions of individual decision makers, both consumers and producers, within the larger economic system. It places primary emphasis on the nature and functions of product markets, and includes the study of factor markets and of the role of government in promoting greater efficiency and equity in the economy. **The AP exam must be taken to receive weighted credit. The student is responsible for the fee.**

**2040 Psychology****Credit: 0.5****Grade Level: 10 – 12**

Students will consider the development of the individual and the personality. The study of psychology is based on a historical framework and relies on effective collection and analysis of data. Students study topics such as the theories of human development, personality, motivation, and learning.

**2041 Special Topics****Credit: 0.5****Grade Level: 10 – 12**

Students are provided the opportunity to apply the knowledge and skills of the social sciences to a variety of topics and issues. Students use critical-thinking skills to locate, organize, analyze, and use data collected from a variety of sources. Problem solving and decision making are important elements of the course as is the communication of information in written, oral and visual forms.

## **FOREIGN LANGUAGE**

***In order to satisfy state graduation requirements under the Foundation High School Program with Endorsement, a student must complete two credits of the same foreign language course.***

**4101 Spanish I****Credit: 1****Grade Level: 9-11**

Students will communicate in Spanish using listening, speaking, reading and writing skills. Students will also gain a knowledge and understanding of the Hispanic cultures. Oral presentations as well as group and individual projects will be done in Spanish.

**4102 Spanish II****Credit: 1****Grade Level: 10-12****Prerequisite: Spanish I**

Expands the listening, speaking, reading, and writing skills of students. Students will be at an intermediate level. At the end of the course, students will be able to communicate about basic ideas on a Novice Mid to Novice High level.

**4103 Spanish II Pre-AP****Credit: 1****Grade Level: 10-12**

**Prerequisite: Spanish I and teacher approval** (dependent upon grades in previous course), **should be able to communicate at a novice high to intermediate-low level**

Expands the listening, speaking, reading, and writing skills of students. Students will be at an advanced intermediate level. At the end of the course, students will be able to communicate about basic ideas on an Intermediate Low to Intermediate Mid-level.

**4106 Spanish III**

**Credit: 1**

**Grade Level: 10-12**

**Prerequisite: Spanish II and the student should be able to communicate on an Intermediate Mid to Intermediate High level**

At the end of the course, students will be able to communicate about familiar topics of study on an Intermediate High to Advanced Low level.

**4104 Spanish IV AP Language**

**Credit: 1**

**Grade Level: 11-12**

**Prerequisite: Spanish II** (dependent upon grades in previous course) **and students should be able to communicate on an Intermediate High or Advanced Low level.**

This course focuses on Spanish Language and Culture and prepares the student to successfully complete the AP exam. At the end of the course, students will be able to communicate about familiar topics of study on an Advanced Low to Advanced Mid-level. **The AP exam must be taken to receive weighted credit. The student is responsible for the fee.**

**4104 Spanish V AP Language**

**Credit: 1**

**Grade Level: 11-12**

**Prerequisite: Spanish IV** (dependent upon grades in previous course) **and students should be able to communicate on an Advanced Low level.**

This course focuses on Spanish Literature and prepares the student to successfully complete the AP exam at the end of the course, students will be able to communicate about familiar topics of study on an Advanced Mid to Advanced High level. **The AP exam must be taken to receive weighted credit. The student is responsible for the fee.**

## **FINE ARTS**

***In order to satisfy state graduation requirements under the Foundation High School Program with Endorsement, a student must complete one credit of the same fine arts course.***

**4511 Art 1**

**Credit: 1**

This course is designed to introduce the student to the basic elements and principles of art, line, value, texture, color, form and space. It offers the opportunity for the student to explore techniques and media in designing, drawing, printmaking, sculpture, ceramics and some crafts. Emphasis is placed on creativity, expression, originality and development of an aesthetic judgment of art through art history.

**4512 Art 2**

**Credit: 1**

**Prerequisite: Art 1**

**4513 Art 3**

**Credit: 1**

**Prerequisite: Art 2**

**4514 Art 4**

**Credit: 1**

**Prerequisite: Art 3**

**4515 Art 2 Commercial Photography**

**Credit: 1**

**Prerequisite: Art 1**



Creative use of the camera is studied. Photosensitive materials are examined as a means of making expressive graphic images. Emphasis is on black and white processing and printing techniques, but the course may include digital and alternative processes.

**4516 Art 3 Commercial Photography** **Credit: 1**  
**Prerequisite: Art 2 Photography**

**4517 Art 4 Commercial Photography** **Credit: 1**  
**Prerequisite: Art 2 Photography**

**4518 AP Art/Two Dimensional Design Portfolio** **Credit: 1**  
**Prerequisite:**

*Students who plan to take this course must complete an assigned project at an acceptable level of skill in order to be considered. Please see the art teacher to receive a copy of the project. The purpose of this project is to reflect a student's ability and fortitude to complete the AP assignments in one year. This project has to be complete by the end of the current school year before being allowed to enroll in the AP art programs. **The AP exam must be taken to receive weighted credit. The student is responsible for the fee.***

**4500 Art Appreciation Dual Credit: Arts 1301** **Credit: 1**  
**Grade Level: 10-12**  
**Prerequisites: College entrance requirements/TSI standards**

This is an introductory course that will acquaint student with the greatest achievements of world paintings, architecture, and sculpting.

#### **Theatre Arts**

Theatre Arts courses present an overview of theatre arts. Classroom work concentrates on pantomime, improvisation, voice, oral interpretation, and play structure. Play production is viewed and encouraged.

**4520 Theatre Arts 1** **Credit :1**  
**Grade Level: 9-12**

**4525 Theatre Arts 2** **Credit: 1**  
**Grade Level: 10-12**  
**Prerequisite: Theatre Arts 1**

**4526 Theatre Arts 3** **Credit: 1**  
**Grade Level: 11-12**  
**Prerequisite: Theatre Arts 2**

**4527 Theatre Arts 4** **Credit: 1**  
**Grade Level: 12**  
**Prerequisite: Theatre Arts 3**

**4528 Adv. Theatre Arts** **Credit: 1**  
**Grade Level: 10-12**  
**Prerequisite: Teacher Approval**

Each student will develop an appreciation for theatre. Mechanical elements of theatre will be developed. Directing and acting will be the main focus in this course.

#### **Band**

The marching band performs specialized maneuvers that require memorization of music, physical coordination, and a spirit of cooperation during football season. The students develop a high degree of technical ability and musicianship plus good discipline and a respect for authority. The student will be expected to spend time outside of the school day in practice and will have to maintain passing grades in all classes to remain eligible. The students are expected to keep the instruments, uniforms, and music, which the school furnishes, in good condition.

Students will participate in several public concerts and at UIL Concert & Sight-reading contest as well as UIL Solo/Ensemble Contest. Marching after school counts as a semester of PE.

**4531 Band 1** **Credit: 1**  
**Grade Level: 9**  
**Approval of Band Director**

**4532 Band 2** **Credit: 1**  
**Grade Level: 10**  
**Approval of Band Director**

**4533 Band 3** **Credit: 1**  
**Grade Level: 11**  
**Approval of Band Director**

**4534 Band 4** **Credit: 1**  
**Grade Level: 12**  
**Approval of Band Director**

**4535 Instrumental Ensemble** **Credit: 1**  
**Grade Level: 9-12**  
**Prerequisite: Teacher approval ONLY**  
This class will focus on the art of jazz, composition, and performance.

**4555 Music History/Appreciation Dual Credit: MUSI 1306 (8<sup>th</sup> period only.)** **Credit: 1**  
**Grade Level: 10-12**  
**Prerequisite: College entrance requirements/TSI standards**  
A course training the student in the art of creative listening and acquainting him with composers and their works.

### **Choir**

Choir is a course of study which introduces and develops musical concepts and skills related to choral music. Students learn to sing and perform music. Participation in a performing group offers the students the opportunity to experience a high level of teamwork, develop a high degree of personal responsibility, and acquire leadership skills. **After school rehearsals and weekend competitions may be required for Choir.**

**4556 Concert Choir 1** **Credit: 1**  
**Grade Level: 9-12**

**4557 Concert Choir 2** **Credit: 1**  
**Grade Level: 10-12**  
**Prerequisite: Teacher Approval**

**4558 Concert Choir 3** **Credit: 1**  
**Grade Level: 11-12**  
**Prerequisite: Teacher Approval**

**4559 Concert Choir 4** **Credit: 1**  
**Grade Level: 12**  
**Prerequisite: Teacher Approval**

**4560 Dance 1** **Credit: 1**

**Grade Level: 9-12**

Dance I is an introduction to the genres of ballet, tap, modern, and ethnic dance presented in cultural and historical context. Learning the vocabulary, principles, and elements of each style is important. The class focuses on students' development of physical body awareness, technical facility, spatial expressiveness, and personal creativity. Fundamental dance skills and techniques are demonstrated by the teacher and practiced by the students during class. Examination of the origins and development of each genre accompanies students' technical and creative work. Evaluation of student progress is continual, integrated into the daily teaching process, and made in three primary ways: teacher critique, student self-assessment, and peer response. **(Dance I does not count as a P.E.)**

**4561 Dance 2****Credit: 1****Grade Level: 10-12****Prerequisite: Dance 1 and/or teacher approval**

Dance 2 will build upon the principles introduced in Dance 1. **(Dance 2 does not count as a P.E.)**

## **PHYSICAL EDUCATION**

*In order to satisfy state graduation requirements under the Foundation High School Program with Endorsement, a student must complete one credit of a Physical Education or equivalent course.*

**3510 Foundations of Physical Fitness****Credit: 1****Grade Level: 9-12**

Students will be required to participate in physical activities such as weight training, jogging, jump roping, walking, fitness testing, and other physical activities.

**3520 Weight Training****Credit: 1****Grade Level: 10-12**

Muscles of the body will be learned along with the exercises that build particular muscle groups. Activities in the course will include calisthenics, speed exercises, obstacle courses, and aerobic activities.

In order to participate in Athletics students must pass a physical and be approved by the coaching staff for participation.

**Athletics****Credit: 1 per year****Before and after school practices ARE required.**

3531	Girls' Athletics 1	3541	Boys' Athletics 1
3532	Girls' Athletics 2	3542	Boys' Athletics 2
3533	Girls' Athletics 3	3543	Boys' Athletics 3
3534	Girls' Athletics 4	3544	Boys' Athletics 4

**Cheerleading is by tryout only.****Credit: 1 per year**

3551	Cheerleading 1	3553	Cheerleading 3
3552	Cheerleading 2	3554	Cheerleading 4

**Drill Team participation is by audition and tryout only.****Credit: 1 per year**

3561	Drill Team 1	3563	Drill Team 3
3562	Drill Team 2	3564	Drill Team 4

**Air Force JROTC****Credit: 1 per year**

6501	1 <sup>st</sup> year	6503	3 <sup>rd</sup> year
6502	2 <sup>nd</sup> year	6504	4 <sup>th</sup> year

**6505 Staff****Credit: 1**

**Grade Level: 12**

**Prerequisite: Teacher approval**

Much information is provided on communicating effectively, understanding groups and teams, preparing for leadership, solving conflicts and problems, and personal development. Written reports and speeches compliment the academic materials. Cadet corps activities include holding positions of greater responsibility in the planning and execution of corps projects. **This course will count as an advanced credit.**

# Career and Technology

# AGRICULTURE, FOOD AND NATURAL RESOURCES

## BUSINESS AND INDUSTRY ENDORSEMENT

Possible careers in agriculture, food and natural resources include:

- ❖ Agricultural Financial Planning
- ❖ Veterinary Technician
- ❖ Turf Management
- ❖ Agricultural Communications
- ❖ Floral Design
- ❖ Welding

Students completing courses in the Agriculture, Food and Natural Resources may have the opportunity to get the following certifications:

- OSAH
- Floral Design

**5510 Principles of Agriculture, Food & Natural Resources** **Credit: 1**

**Grade Level: 9-12**

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

**5511 Small Animal Management** **Credit: 1**

**Grade Level: 10-12**

The student is expected to describe the importance of small animal ownership, the hazards of working with small animals, as well as examining career opportunities related to small animals.

**5512 Wildlife, Fisheries & Ecology Management** **Credit: 1**

**Grade Level: 10 -12**

**Prerequisite: Principles of Agriculture**

This course examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. This course will be taught every other year.

**5513 Forestry & Woodland Ecosystems** **Credit: 1**

**Grade Level: 10 -12**

**Prerequisite: Principles of Agriculture**

This course is designed to develop students' understanding of rangeland ecosystems and sustainable forage production. This course will be taught every other year.

**5517 Advanced Animal Science** **Credit: 1**

**Grade Level: 11- 12**

**Prerequisites: Biology and Chemistry or IPC, Algebra 1 & Geometry, and Small Animal, Equine, or Livestock**

This course will prepare students for careers in the field of animal science. Students will attain academic skills and knowledge related to animal systems. And develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

**5519 Livestock Productions****Credit: 1****Grade Level: 10 – 12****Prerequisite: Principles of Agriculture**

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

**5520 Principles & Elements of Floral Design (Articulated)****Credit: 1****Grade Level: 10 -12**

This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. **This course can count as a Fine Art Credit. This is one of the first steps in becoming a certified florist.**

**5522 Professional Standards in Agriculture****Credit: 1****Grade Level: 10 – 12****Prerequisite: Principles of Agriculture**

Designed to develop agriculture leadership, citizenship, and cooperation. Instruction includes such topics as personal development, employee/employer relations, and group and interpersonal communication skills.

**5523 Advanced Plant and Soil Science****Credit: 1****Grade Level: 11-12****Prerequisite: one course from AFNR**

Plant and Soil Science provides a way of learning about the natural world. Students should know how plant and soil science has influenced a vast body of knowledge, that there are still applications to be discovered and that plant and soil science is the basis for many other fields of science.

**5524 Agricultural Mechanics & Metal Technologies (Articulated)****Credit: 1****Grade Level: 10 -12****Prerequisite: Principles of Agriculture**

Designed to introduce basic theory and specialized skills in agricultural mechanics. Skills to be developed include tool identification and safe use, carpentry, electricity, plumbing, masonry, fencing, painting, metal workings, and welding processes.

**5526 Welding (Articulated)****Credit: 2****Grade Level: 11-12****Prerequisite: Agricultural Mechanics & Metal Technologies and Teacher Approval**

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

**5527 Advanced Welding (Articulated)****Credit: 2****Grade Level: 12****Prerequisite: Welding and Approval of Teacher**

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

**5521 Horticulture Science****Credit: 1****Grade Level: 10 -12**

This course offers hands-on opportunities with horticulture. Students will learn the names and species of plants. This course offers hands-on opportunities to apply the basic principles of environmental landscaping for home and commercial design. Students will learn which plants are appropriate in which climates.

**5530 Veterinary Medical Applications****Credit: 1****Grade Level: 10 - 12****Prerequisite: Equine Science, Small Animal, or Livestock Productions**

This class is great for students interested in the field of Veterinary Medicine. The topics for the course include but are not limited to, veterinary practices as they relate to both large and small animal species. This course will be taught every other year.

**6021 AgriBusiness****Credit: 1****Grade Level: 10-12**

Students taking this course will learn the ins and outs of agriculture business. They will learn business management skills that will be helpful in any business endeavor.

**6020 Career Preparation****Credits: 3****Grade Level: 11 -12****Prerequisite: Application required**

Students must have a job to be in the career preparation class.

## **ARTS, A/V TECHNOLOGY & COMMUNICATION PRINCIPLES OF INFORMATION TECHNOLOGY BUSINESS & INDUSTRY ENDORSEMENT**

Possible careers in Arts, A/V Technology, & Communication, and Information Technology include:

- ❖ Graphic Design
- ❖ Audio and Video Tech
- ❖ Journalism and Broadcasting
- ❖ Performing Arts
- ❖ Actors, Producers, and Directors
- ❖ Printing Technology
- ❖ IT Service Technician

**5594 Principles of Information Technology****Credit: 1****Grade Level: 9-12**

Student applies introductory Word Processing and Spreadsheet skills. Students develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students implement personal and interpersonal skills to prepare for a rapidly involving workplace environment. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the Information Technology Environment.

**5595 Principles of Arts, A/V, & Communications****Credit: 1****Grade Level: 9-12**

Student will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills and educational requirements for those opportunities.

**5596 Web Technologies****Credit: 1****Grade Level: 10 - 12****Prerequisite: Principles of Information Technology**

This course focuses on basic concepts of HTML and Web Page Authoring software to design, create and publish web pages for a business and personal use. The skills used are designed to be real-world in nature and represent the kind of activities that students will encounter in creating and designing web pages.

**5599 Digital and Interactive Media****Credit: 1****Grade Level: 10 -12****Prerequisite: Principles of Information Technology**

This is a laboratory-based course designed to provide an overview of and experience in multimedia technology. Sounds, images, graphics and video are the informational projects from which students will construct media rich knowledge structures. Students will develop necessary skills and obtain hands-on experiences working with a variety of multimedia tools.

**5598 Animation I****Credit: 1****Grade Level: 11-12****Prerequisite: Digital and Interactive Media**

This is an articulated course that includes topics such as the use of modern animation programs, principles of animation, planning skills, commuting the behavior of materials, interpersonal skill development, action, reaction, and consequences of image. Students will be expected to develop an understanding of the history and techniques of the animation industry.

**55982 Graphics and Illustration Design****Credit: 1****Grade Level: 11-12****Perquisite: Digital and Interactive Media**

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design. Students will learn Adobe Flash. Skills that will be learned in this course are: game storyline, storyboarding, game art, animation effects, sound effects, and program game controls.

**55983 Animation II****Credit: 1****Grade Level: 12****Prerequisite: Animation I**

This course is a continuation of the material learned in Animation I. It includes topics such as the use of modern animation programs, principles of animation, planning skills, commuting the behavior of materials, interpersonal skill development, action, reaction, and consequences of image.

**6020 Career Preparation****Credits: 3****Grade Level: 11 -12****Prerequisite: Application required**

Students must have a job to be in the career preparation class.



# CONSUMER AND FAMILY SCIENCE

## BUSINESS AND INDUSTRY & PUBLIC SERVICE ENDORSEMENT

### Possible careers in the Public Service field:

- ❖ Cosmetologist
- ❖ Nail Technician
- ❖ Facial Specialist
- ❖ Dietitian
- ❖ Food and Beverage Manager
- ❖ Chef
- ❖ Teacher
- ❖ Daycare Director
- ❖ Fashion Designer
- ❖ Marketing Director
- ❖ Sales Clerk

Students completing courses in the Public Service endorsement may have the opportunity to get the following certifications:

- ❖ ServSafe
- ❖ Cosmetology
- ❖ OSHA

### 5532 Cosmetology Grade Level: 11 – 12

Credit: 3

**Prerequisite:** Meet entrance requirement for Kilgore College

Provides students with the basic specific classroom training needed to achieve their Texas Cosmetology License. Students will be able to work on outside clientele for hands-on training. ***This course is through Kilgore College in Longview. Students must provide their own transportation.***

### 5538 Lifetime Nutrition and Wellness Grade Level: 9 -12

Credit: 0.5

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

### Hospitality and Tourism

### 5539 Culinary Arts Grade Level: 11-12

Credit: 2

Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. Students can pursue a national sanitation certification, a Texas culinary specialist certification, or any other appropriate industry certification.

### 5540 Practicum in Culinary Arts Grade Level: 11-12

Credit: 2

**Prerequisite:** Culinary Arts

This course is designed for students who are interested in pursuing a career in Culinary Arts.

### 5541 Introduction to Culinary Arts Grade Level: 9-12

Credit: 1

Intro to Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques.

### **Education and Training**

#### **5547 Principles of Education and Training**

**Credit: 1**

##### **Grade Level: 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. Students will develop a graduation plan that leads to a specific career choice in the student's interest area.

#### **5549 Human Growth and Development**

**Credit: 1**

##### **Grade Level: 10-12**

##### **Prerequisite: Principles of Education and Training**

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

#### **5550 Instructional Practices in Education and Training**

**Credit: 2**

##### **Grade Level: 11 and 12**

##### **Prerequisite: Principles of Education and Training**

Instructional Practices in Education and Training is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary-, middle school-, and high school-aged students.

#### **5551 Practicum in Education and Training**

**Credit: 1**

##### **Grade Level: 12**

##### **Prerequisite: Instructional Practices**

This is a field based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices.

### **Principles of Law, Public Safety, and Security**

#### **5610 Principles of Law, Public Safety, Corrections, and Security**

**Credit: 1**

##### **Grade Level: 9-12**

This course is a survey of careers in the Government, Law, Public Safety, and Corrections & Security career pathway. Students will be introduced to profession in law enforcement, protective services, corrections, firefighting, and emergency management services.

#### **6501 Air Force JROTC**

**Credit: 1**

##### **Grade Level: 9-12**

Air Force JROTC is a four-year program for Gilmer high school students. Each class contains three components: Aerospace Science, Leadership Education, and a Wellness Program. Drill and Ceremonies is also taught as a part of the LE component of each class. Students may enroll in AFJROTC during their 9th, 10th, 11th and/or 12th grade year. Students may earn a total of 1 credit per year, either PE or elective credit. Students are categorized as First, Second, Third and Fourth Year cadets regardless the grade year of the student. **(JROTC can satisfy a P.E. requirement)**

#### **6502 Air Force JROTC**

**Credit: 1**

**Grade Level: 10-12**

Air Force JROTC is a four-year program for Gilmer high school students. Each class contains three components: Aerospace Science, Leadership Education, and a Wellness Program. Drill and Ceremonies is also taught as a part of the LE component of each class. Students may enroll in AFJROTC during their 9th, 10th, 11th and/or 12th grade year. Students may earn a total of 1 credit per year, either PE or elective credit. Students are categorized as First, Second, Third and Fourth Year cadets regardless the grade year of the student. **(JROTC can satisfy a P.E. requirement)**

**6503 Air Force JROTC****Credit: 1****Grade Level: 11-12**

Air Force JROTC is a four-year program for Gilmer high school students. Each class contains three components: Aerospace Science, Leadership Education, and a Wellness Program. Drill and Ceremonies is also taught as a part of the LE component of each class. Students may enroll in AFJROTC during their 9th, 10th, 11th and/or 12th grade year. Students may earn a total of 1 credit per year, either PE or elective credit. Students are categorized as First, Second, Third and Fourth Year cadets regardless the grade year of the student. **(JROTC can satisfy a P.E. requirement)**

**6504 Air Force JROTC****Credit: 1****Grade Level: 12**

Air Force JROTC is a four-year program for Gilmer high school students. Each class contains three components: Aerospace Science, Leadership Education, and a Wellness Program. Drill and Ceremonies is also taught as a part of the LE component of each class. Students may enroll in AFJROTC during their 9th, 10th, 11th and/or 12th grade year. Students may earn a total of 1 credit per year, either PE or elective credit. Students are categorized as First, Second, Third and Fourth Year cadets regardless the grade year of the student. **(JROTC can satisfy a P.E. requirement)**

**6505 Air Force JROTC Staff****Credit: 1****Grade Level: 12****Prerequisite: Teacher approval**

This course is by teacher approval only. The cadet must be selected by the JROTC teachers. This course will receive weighted credit.

**6020 Career Preparation****Credits: 3****Grade Level: 11 -12****Prerequisite: Application required**

Students must have a job to be in the career preparation class.

## HEALTH SCIENCE PUBLIC SERVICE ENDORSEMENT

Possible careers in Health Science are:

- ❖ Nurse
- ❖ Doctor
- ❖ Dentist
- ❖ Pharmacist
- ❖ Dental Hygienist
- ❖ Radiologist
- ❖ Phlebotomist
- ❖ EMT

Students will have the opportunity to receive the following certifications:

- ❖ CPR
- ❖ Pharmacy Technician

**3603 Principles of Health Science**

**Credit: 1**

**Grade level: 9-12**

Provides an overview of the therapeutic, diagnostic, health informatics, support services, advance biotechnology research and development systems of the health care industry.

**3604 Medical Terminology**

**Credit: 1**

**Grade level: 9-12**

Develops a working knowledge of the language of medicine, students acquire word-building skills by learning prefixes, suffixes, roots, and abbreviations. Knowledge of medical terminology enhances the student's ability to successfully secure employment or pursue advanced education in healthcare.

**36041 Medical Terminology DUAL CREDIT: MDCA 1313**

**Credit: 1**

**Grade level: 11-12**

**Prerequisite: College entrance requirements/TSI standards**

A study of practical application of a medical vocabulary system includes structure, recognition, analysis, definition, spelling, pronunciation, and combination of medical terms from prefixes, suffixes, roots, and combining forms.

**3609 Health Science Theory**

**Credit: 1**

**Grade Level: 11-12**

**Prerequisite: Principles of Health Science and Biology**

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

**3605 Pharmacology**

**Credit: 1**

**Grade level: 12**

**Prerequisite: Biology and Chemistry and Kilgore College acceptance**

This course is taught over the internet. After completion of the course and graduation students will meet the requirements to take the pharmacy technician test and become a licensed pharmacy tech.

**Kilgore College Certified Nursing Assistant Program**

**Credit: varies**

**Grade Level: 10-12**

**Prerequisite: Kilgore College Acceptance and meet program readiness standards**

The CNA program is designed to begin in the sophomore year, but can be started as a junior, allowing a student to take 1 course per semester each year ending with clinical and lab work during the senior year. All courses prior to the senior year are web based. Please see your counselor for additional information.

**SPORTS MEDICINE**

**3606 Sports Medicine I**

**Credit: 1**

**Grade Level: 9-12**

**Prerequisite: Application required**

This course provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation, and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition, sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise.

**3607 Sports Medicine II** **Credit: 1**

**Grade Level: 10-12**

**Prerequisite: Sports Medicine I and Approved Application**

Sports Medicine II is a continuation of Sports Medicine I with more hands-on activities. You will be working in the field house on a daily basis and you will be required to attend athletic events at the teachers request failure to attend events could result in removal from class.

**3608 Sports Medicine III** **Credit: 1**

**Grade Level: 11-12**

**Prerequisite: Sports Medicine II and Approved Application**

Sports Medicine III is a continuation of Sports Medicine II with more hands-on activities. You will be working in the field house on a daily basis and you will be required to attend athletic events at the teachers request failure to attend events could result in removal from class.

**3609 Sports Medicine IV** **Credit: 1**

**Grade Level: 12**

**Prerequisite: Sports Medicine III and Approved Application**

Sports Medicine IV is a continuation of Sports Medicine III with more hands-on activities. You will be working in the field house on a daily basis and you will be required to attend athletic events at the teachers request failure to attend events could result in removal from class.

**6020 Career Preparation** **Credits: 3**

**Grade Level: 11 -12**

**Prerequisite: Application required**

Students must have a job to be in the career preparation class.

## **TRANSPORTATION, DISTRIBUTION & LOGISTICS BUSINESS AND INDUSTRY ENDORSEMENT**

**Possible careers in transportation, distribution, and logistics include:**

- ❖ **Automotive Service Technician**
- ❖ **Safety Engineer**
- ❖ **Diesel Mechanic**
- ❖ **Industrial Engineer**
- ❖ **Commercial Pilot**
- ❖ **Sales and Service Manager**

**5560 Small Engine Technology** **Credit: 1**

**Grade Level: 9-12**

This course offers an intensive study of the operation, maintenance, and repair of small gasoline engines. Instructional topics include principles of operation of internal combustion engines, repair, and service procedures, and disassembly, overhaul, and reassembly.

**5561 Automotive Technology I** **Credits: 2**

**Grade Level: 10 -12**

**Prerequisite: Small Engine Repair Teacher Approval**

Instruction is designed to provide job-specific training for entry-level employment in the automotive engine repair and service career field. First year instruction emphasizes use of repair manuals, service and/or repair of basic

automobile components – fuel systems, engines, emission controls, power trains, chassis, electrical systems, brakes, heating and air conditioning. Second year instruction is designed to enhance job specific training for employment in automotive engine repair and service career field.

**5562 Automotive Technology II**

**Credits: 2**

**Grade Level: 11 -12**

**Prerequisite: Automotive Technology I**

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices.

**5563 Practicum in Transportation, Distribution & Logistics**

**Credits: 2**

**Grade Level: 12**

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

**6020 Career Preparation**

**Credits: 3**

**Grade Level: 11 -12**

**Prerequisite: Application required**

Students must have a job to be in the career preparation class.

**This material is published early in the preceding school year, so some changes in procedure, policy, or course offerings may occur. If changes are required, they will be updated on the Gilmer High School Counselor's Page.**