

# WEST HARDIN HIGH SCHOOL

## Curriculum Catalog 2009 - 2010



39227 Hwy. 105  
Saratoga, Texas 77585  
936-274-5061  
FAX 936-274-5671  
<http://westhardin.org>

## **West Hardin High School Curriculum Catalog**

The West Hardin County Consolidated School District does not discriminate on the basis of race, religion, color, national origin, sex, or handicap in providing education services. The Superintendent has been designated to coordinate compliance with the nondiscrimination requirements of Title IX.

This booklet has been designed as a concise, yet comprehensive, introduction to the opportunities available at West Hardin High School. Take some time to consider the courses that will best suit your individual needs. Pay particular attention to the requirements for the different graduation plans. You must meet these requirements in addition to successfully completing the EXIT Level Texas Assessment of Knowledge and Skills (TAKS).

As you choose your courses, please keep in mind your career plans as well as the prerequisites required to enroll in a class. Teachers and the counselor will recommend courses, but the final decision rests with the student and parent. Classes will be formed and schedules developed by the selections students make.

Retain this booklet for future use and reference. It will be a valuable tool in planning your secondary education. Check with colleges you may plan to attend to find out current requirements for admission so that you can plan your high school courses to meet these college requirements.

### **GENERAL INFORMATION**

#### **CLASS RANKING**

Graduates shall be ranked in the following order:

1. Valedictorian (highest average)
2. Salutatorian (next highest average)
3. Students must meet course requirements for valedictorian and salutatorian to be ranked in the top ten percent.



To be eligible for valedictorian or salutatorian, a student must have completed two consecutive years (4 semesters) in West Hardin High School and must have followed either the Recommended Program or the Distinguished Achievement Program.

Rank in class shall be determined by a weighted system that includes all four years of high school enrollment.

Any student of the graduating class who has a 90 average for the academic curriculum courses will be designated as an honor student.

## **DROPPING CLASSES**

A student has five days from the beginning of any semester to request to change of class with no penalty. Requests for schedule changes will be considered for the following reasoning: 1) error in scheduling, 2) student failure in a prerequisite, 3) change in program (athletics, band, etc.), 4) level changes as recommended by teachers and counselors with parental knowledge and administrative approval. Requests not meeting the listed reasons will not be considered. It should be understood that a schedule change to help balance classroom enrollment will be done as needed by school administration.

Any junior or senior who drops a full credit course at the end of the first semester or prior to that time will receive a "0" for the second semester grade, and that grade is calculated in the student's overall GPA. Any junior or senior dropping a half credit course will receive a "0" for the semester in which they drop the course. A student who drops a course after the deadline will receive a grade of 50 in the course for that quarter. The student will be ineligible to participate in extracurricular activities from the date the class is dropped until the next day for establishing eligibility after the semester has ended.

Permission from a parent is required before a student is allowed to drop a class which affects the student's graduation plan. A form will be given to the student to take home for his/her parent's signature.

It is the student's responsibility to contact the counselor concerning dropping a course, to be sure the form is taken home to be signed by the parent, and the signed form returned to the guidance office before the deadline date.

Parents are urged to contact the principal's office or the guidance office (936) 274-5061 if they have questions regarding dropping classes or the athletic eligibility of their students.

A student may not add a new class after five days following the start of any semester without the permission of the counselor and the class instructor.

### **EARLY GRADUATION:**

To be eligible to graduate in three years, the student shall complete all coursework and exit-level testing required of other students in that freshman graduating class and must have completed all graduation requirements prior to the date of the graduation ceremony for the early graduate to be a participant in the ceremony.

Rank in class shall be computed with that year's graduating class. Students graduating ahead of their respective classes shall not be eligible for valedictorian or salutatorian, but shall be eligible to be included in the list of honor graduates if they meet the criteria set forth for that honor. Early graduates may not be eligible for certain senior activities during the year. Three-year graduates shall be allowed to tie in rank with a four-year graduate but shall not be allowed to displace a four-year graduate. A student wishing to graduate in less than four years shall make written application to the counselor at the beginning of his or her sophomore year. The written request shall include a statement that the student understands all requirements for early graduation and a plan outlining how the student will complete the required credits and courses for graduation. The reason for requesting early graduation shall also be included. To be considered for approval by the high school principal, the request must be signed by the student and his or her parent(s) or guardian. Students who complete graduation requirements in three years qualify for a state-funded tuition grant. Students interested in this program should consult the school counselor.

### **GRADE POINT AVERAGE (GPA) CRITERIA:**

The GPA is a measure of the students' total academic performance beginning in the ninth grade\*. The grade point averages are calculated by adding the grade points earned for each course and dividing by the total number of courses. Ranking will be updated at the end of each semester. An Early Computation will be done for seniors upon completion of all college classes in the Spring Semester.\*

High School courses taken in middle school and courses taken off campus will count for credit but are not included in a student's G.P.A. Grades earned in physical education (athletics), yearbook and student aide will not count toward G.P.A. or class rank.

A weighted grade point system is used for determining class ranking. Weighted classes are noted by \*. The scale below will be used:

| Grades       | Basic 4.0<br>Grade Points | Regular<br>Grade Points | * Weighted<br>Grade Points | D/L<br>**College Credit<br>Courses |
|--------------|---------------------------|-------------------------|----------------------------|------------------------------------|
| 100          | 4.0                       | 5.0                     | 6.0                        | 7.0                                |
| 99           | 3.9                       | 4.9                     | 5.9                        | 6.9                                |
| 98           | 3.8                       | 4.8                     | 5.8                        | 6.8                                |
| 97           | 3.7                       | 4.7                     | 5.7                        | 6.7                                |
| 96           | 3.6                       | 4.6                     | 5.6                        | 6.6                                |
| 95           | 3.5                       | 4.5                     | 5.5                        | 6.5                                |
| 94           | 3.4                       | 4.4                     | 5.4                        | 6.4                                |
| 93           | 3.3                       | 4.3                     | 5.3                        | 6.3                                |
| 92           | 3.2                       | 4.2                     | 5.2                        | 6.2                                |
| 91           | 3.1                       | 4.1                     | 5.1                        | 6.1                                |
| 90           | 3.0                       | 4.0                     | 5.0                        | 6.0                                |
| 89           | 2.9                       | 3.9                     | 4.9                        | 5.9                                |
| 88           | 2.8                       | 3.8                     | 4.8                        | 5.8                                |
| 87           | 2.7                       | 3.7                     | 4.7                        | 5.7                                |
| 86           | 2.6                       | 3.6                     | 4.6                        | 5.6                                |
| 85           | 2.5                       | 3.5                     | 4.5                        | 5.5                                |
| 84           | 2.4                       | 3.4                     | 4.4                        | 5.4                                |
| 83           | 2.3                       | 3.3                     | 4.3                        | 5.3                                |
| 82           | 2.2                       | 3.2                     | 4.2                        | 5.2                                |
| 81           | 2.1                       | 3.1                     | 4.1                        | 5.1                                |
| 80           | 2.0                       | 3.0                     | 4.0                        | 5.0                                |
| 79           | 1.9                       | 2.8                     | 3.8                        | 4.8                                |
| 78           | 1.8                       | 2.6                     | 3.6                        | 4.6                                |
| 77           | 1.7                       | 2.4                     | 3.4                        | 4.4                                |
| 76           | 1.6                       | 2.2                     | 3.2                        | 4.2                                |
| 75           | 1.5                       | 2.0                     | 3.0                        | 4.0                                |
| 74           | 1.4                       | 1.8                     | 2.8                        | 3.8                                |
| 73           | 1.3                       | 1.6                     | 2.6                        | 3.6                                |
| 72           | 1.2                       | 1.4                     | 2.4                        | 3.4                                |
| 71           | 1.1                       | 1.2                     | 2.2                        | 3.2                                |
| 70           | 1.0                       | 1.0                     | 2.0                        | 3.0                                |
| 69 and below | 0.0                       | 0.0                     | 0.0                        | 0.0                                |

**GRADE SCALE:** 90-100 A; 80-89 B; 70-79 C; 0-69 F

**COLLEGE PLANS**

Students who plan to attend college should follow either the Recommended Program or the Distinguished Achievement Program. Various tests are required for college entrance as well as scholarships:

- Preliminary Scholastic Aptitude Test/National Merit Scholarship Qualifying Test (PSAT/NMSQT) is taken in the junior year.
- Scholastic Assessment Test (SAT) and the American College Test (ACT) can be taken at any time during the student’s high school career. Many colleges recommend that students take the SAT and /or ACT in the spring of the junior year.
- Texas Higher Education Assessment (THEA) is taken at the end of the senior year.

### **CREDIT FOR COURSES**

In order to earn credit for a class, a student must be present for at least 90 percent of the days in which the course is offered and earn a grade of 70 or above.

***A student may not be given credit for a class unless the student is in attendance for at least 90 percent of the days the class is offered.***

### **CREDITS REQUIRED FOR GRADUATION**

To be eligible to graduate from West Hardin High School, students must have earned 26 credits, which include the successful completion of the courses required by TEA.

### **GRADE LEVEL STATUS FOR UIL ELIGIBILITY**

High school students shall be classified for UIL eligibility on the basis of credits earned as indicated below. *This classification has no application to graduation.*

|            |                      |
|------------|----------------------|
| Freshmen   | 0 – 5 credits        |
| Sophomores | 5 – 10 credits       |
| Juniors    | 10 – 15 credits      |
| Seniors    | 15 credits and above |

### **NATIONAL HONOR SOCIETY**

Members are selected on the basis of scholarship, leadership, service, and character. The nominated student must be in regular attendance as well as have a GPA of 90 or above and maintain an overall semester average of 90, with no six weeks grades below 75.

### **PROGRESS REPORTS**

Progress reports will be issued at the three week point of each six weeks grading period. Students will sign for and be given their progress reports in each class.

### **REPORT CARDS**

Report cards are issued the week after the end of the each six weeks grading period. Students will sign for and be given their report card.

### **SCHEDULE CHANGES**

A student's schedule may not be changed after the 5<sup>th</sup> day of any grading period. Due to the Compulsory Attendance Law, changing a student's schedule after the 5<sup>th</sup> day of a grading period could result in a student automatically failing a class.

### **TEXAS ASSESSMENT of KNOWLEDGE and SKILLS (TAKS)**

Every student who attends a Texas public school will be administered the Texas Assessment of Knowledge and Skills (TAKS). An exit level examination is a required part of this test and each student must master all parts of this exit examination in order to be eligible to graduate from high school. A high school diploma will be issued upon successful mastery of the section(s) of the test.

**TECH-PREP**

West Hardin High School has articulation agreements with Lamar Institute of Technology and Lee College. These agreements make it possible for students to earn up to 12 hours of college credit from LIT and/or Lee College while taking high school courses. However, students enrolled in tech-prep courses listed on this page earn regular grade points unless otherwise specified in the Curriculum Catalog.

| <b>High School Courses</b>                             | <b>Credit</b> | <b>Lee College</b>                 | <b>Hours</b> |
|--|---------------|------------------------------------|--------------|
| Heating, Ventilation, Air-Conditioning & Refrigeration | 2             | Refrigeration Principles           | 4            |
| Business Computer Information Systems I                | 1             | Integrated Software Applications I | 3            |

| <b>High School Courses</b>              | <b>Credits</b> | <b>LIT</b>                                 | <b>Hours</b> |
|---|----------------|--|--------------|
| English 1,2,3 and 4                     | 4              | Business Communications                    | 3            |
| Algebra 1, Geometry                     |                | Applied Mathematics                        | 3            |
| Algebra 2, Pre-Calculus                 | 4              |  |              |
| Agricultural Mechanics 1                | 1              | Introduction to Shielded Metal Arc Welding | 4            |
| Agricultural Mechanics 2                | 1              | Welding Safety Tools Equipment             | 3            |
| Business Computer Information Systems I | 1              | Computer Literacy                          | 3            |
| Speech                                  | .5             | Fundamentals of Public Speaking            | 3            |

## **DISTANCE LEARNING**

Distance Learning is a cooperative effort between Lamar University-Beaumont and WHHS. Courses taught on campus at Lamar are transmitted via multimedia equipment to the Distance Learning Lab at West Hardin. Students earn dual credit - college and high school - simultaneously. To qualify to participate, students must meet the following two criteria:

- Be admitted to Lamar University
- Meet **THEA (Texas Higher Education Assessment)** or SAT requirements

For information concerning registration, fees, books, etc., call the West Hardin Counseling Office. Students may also request a Distance Learning handbook from the counselor.

## **DISTANCE LEARNING GRADES**

Distance Learning classes will be exempt from the “No Pass No Play Rule” in accordance with state guidelines.

Colleges provide numerical grades to the district in addition to letter grades. These numerical grades will be used to assign grade points at the end of the semester.

Grading Scale for WHCCISD :

90 – 100 A; 80 -89 B; 70 – 79 C; 0 – 69 F

Grading Scale for Distance Learning Classes at Lamar:

90 – 100 A; 80 – 89 B; 70 – 79 C; 69 – 65 D; below 65 F

If a student receives a D in the Distance Learning class, a 70 will be awarded as a grade at the high school level and the student received 3.0 grade points.



**HIGH SCHOOL GRADUATION REQUIREMENTS**  
**Students entering High School Prior to 07-08 School Year**

Minimum High School Program (25 credits)

|                          |   |
|--------------------------|---|
| English Language Arts:   | 4 credits, English I, II, III, IV   |
| Mathematics:             | 3 credits to include Algebra I, Geometry  |
| Science:                 | 2 credits to include Biology I, IPC, plus Chemistry I or Physics                        |
| Social Studies:          | 3.5 credits, including World Geography, World History, U.S. History and U.S. Government |
| Economics:               | 0.5 credit  |
| Physical Education:      | 1.5 credits   |
| Health Education:        | 0.5 credit  |
| Speech:                  | 0.5 credit  |
| Technology Applications: | 1.0 credit  |
| Electives:               | As needed to achieve 26 credits   |

Recommended High School Program (25 credits)

|                          |  |
|--------------------------|--|
| English Language Arts:   | 4 credits, English I, II, III, IV  |
| Mathematics:             | 3 credits, Algebra I, Geometry, Algebra II                                     |
| Science:                 | 3 credits, Biology and 2 credits from IPC, Chem. I, or Physics                 |
| Social Studies:          | 3.5 credits, World Geography, World History, U.S. History, and U.S. Government |
| Economics:               | 0.5 credit   |
| Other Language:          | 2 credits, Level I and Level II in the same language                           |
| Physical Education:      | 1.5 credits  |
| Health Education:        | 0.5 credit   |
| Fine Arts:               | 1 credit   |
| Speech:                  | 0.5 credit   |
| Technology Applications: | 1 credit   |
| Electives:               | As needed to achieve 26 credits  |

Distinguished Achievement Program (25 credits)

All of the Requirements of the Recommended Plan

|                    |  |
|--------------------|--|
| Other Language:    | 3 credits, Level I, II, III in the same language |
| Advanced Measures: | 4 advanced measures (See below)                  |

**Advanced Measures:** Students must complete the requirements for the distinguished achievement program and receive any combination of four of the following advanced measures (examples: two AP examinations, one college course, one research project; four AP examinations). Advanced measures include:

- Original research/project
- Test data (3 or better on AP exam)
- College courses (Grade of 3.0 or higher including Tech Prep)

**HIGH SCHOOL GRADUATION REQUIREMENTS**  
**Ninth grade students entering High School 07-08 school year**

**Minimum High School Program** (26 credits)

|                          |   |
|--------------------------|---|
| English Language Arts:   | 4 credits, English I, II, III, IV   |
| Mathematics:             | 3 credits to include Algebra I, Geometry  |
| Science:                 | 2 credits to include Biology I, IPC, plus Chemistry I, Physics or Envir. Systems        |
| Social Studies:          | 3.5 credits, including World Geography, World History, U.S. History and U.S. Government |
| Economics:               | 0.5 credit  |
| Physical Education:      | 1.5 credits   |
| Health Education:        | 0.5 credit  |
| Speech:                  | 0.5 credit  |
| Technology Applications: | 1.0 credit  |
| Electives:               | As needed to achieve 26 credits   |

**Recommended High School Program** (26 credits)

|                          |   |
|--------------------------|---|
| English Language Arts:   | 4 credits, English I, II, III, IV   |
| Mathematics:             | 4 credits, Algebra I, Geometry, Algebra II, Pre-Cal. or Math Modeling*                        |
| Science:                 | 4 credits, Biology and 2 credits from IPC, Chem. I, Physics, Anatomy or Environmental Systems |
| Social Studies:          | 3.5 credits, World Geography, World History, U.S. History, and U.S. Government                |
| Economics:               | 0.5 credit  |
| Other Language:          | 2 credits, Level I and Level II in the same language  |
| Physical Education:      | 1.5 credits   |
| Health Education:        | 0.5 credit  |
| Fine Arts:               | 1 credit  |
| Speech:                  | 0.5 credit  |
| Technology Applications: | 1 credit  |
| Electives:               | As needed to achieve 26 credits   |

\*Math Modeling must be taken before Algebra II to count as a math credit for graduation.

**Distinguished Achievement Program** (26 credits)

All of the Requirements of the Recommended Plan

|                    |   |
|--------------------|---|
| Math:              | 4 credits, Alg. I, Geometry, Alg. II, and Pre.-Cal                |
| Science:           | 4 credits, Biology, Chem., Physics, and Anatomy or Envir. Systems |
| Other Language:    | 3 credits, Level I, II, III in the same language                  |
| Advanced Measures: | 4 advanced measures (See below)                                   |

**Advanced Measures:** Students must complete the requirements for the distinguished achievement program and receive any combination of four of the following advanced measures (examples: two AP examinations, one college course, one research project; four AP examinations). Advanced measures include:

- Original research/project
- Test data (3 or better on AP exam)
- College courses (Grade of 3.0 or higher including Tech Prep)

**LANGUAGE ARTS COURSES  
AND  
COURSE DESCRIPTIONS**

| Course # | Course                          | Grade  | Credit | Prerequisites                      |
|----------|---------------------------------|--------|--------|------------------------------------|
| 102      | English 1                       | 9      | 1      | None                               |
| 107      | *Pre AP                         | 9      | 1      | <b>Teacher recommendation</b>      |
| 104      | English 2                       | 10     | 1      | English 1                          |
| 108      | *Pre AP                         | 10     | 1      | <b>Teacher recommendation</b>      |
| 105      | English 3                       | 11     | 1      | English 2                          |
| 109      | English 3/<br>Distance Learning | 11     | 1      | <b>Teacher recommendation</b>      |
| 106      | English 4                       | 12     | 1      | English 3                          |
| 110      | English 4/<br>Distance Learning | 12     | 1      | <b>Teacher recommendation</b>      |
| 113      | Communication Applications      | 9 & 12 | .5     | None                               |
| 196      | Yearbook 1                      | 11     | 1      | <b>Sponsor/ Principal approval</b> |
| 197      | Yearbook 2                      | 12     | 1      | <b>Sponsor/ Principal approval</b> |
| 193      | Spanish 1                       | 9-12   | 1      | None                               |
| 194      | Spanish 2                       | 9-12   | 1      | Spanish 1                          |
| 195      | *Spanish 3                      | 9-12   | 1      | Spanish 2                          |

**102 English 1** – Includes use of the writing process to integrate grammar and mechanical skills while employing reading concepts and strategies to survey current literary genres, including the short story, novel, drama, poetry, and nonfiction.

**107 Pre AP English 1** – Designed for the highly motivated student. Includes English 1 objectives plus an in-depth study of literature and composition.

**104 English 2** – Consists of a study of general literature and the fundamentals of grammar. Stress is placed on the improvement of reading and writing skills.

**108 Pre AP English 2** – Designed for the highly motivated student. Includes English 2 objectives plus additional study in composition and world literature.

**105 English 3** – Includes the study of American literature, experience in longer written compositions, revision and editing of compositions, and further development of research skills and vocabulary.

**109 English 3/Distance Learning** – Students interest in curriculum covered in this class must sign up for Distance Learning English 1301 and 1302.

**106 English 4** – Emphasizes the review of the principles of grammar as they relate to composition, a survey of British literature, and a program of composition with a documented paper.

**110 English 4/Distance Learning** – Students interesting curriculum covered in this class must sign up for Distance Learning English 2300 classes.

\*Weighted

**NOTE: Students interested in advanced English curriculum should sign up for Distance Learning classes.**

**113 Communication Applications** – Introduces students to the concepts of rhetoric, topic selections, organization of ideas, preparation and presentation of oral communication.

**196/197 Yearbook 1 & 2** – Designed to produce the school yearbook. Computer, layout, designs, and photography skills will be emphasized. Class requires Sponsor/Principal approval.

**193 Spanish 1** – Introduces basic conversational skills. Cultural aspects of Hispanic countries are explored.

**194 Spanish 2** – Expansion of Spanish 1 skills with emphasis on the grammatical structures of the language and frequent use of the spoken language is encouraged. Study of the Hispanic culture is continued.

**195 Spanish 3** – Emphasizes practice in reading and comprehension of spoken Spanish. Prerequisites are Spanish 1 and 2.

### **SOCIAL STUDIES COURSES AND COURSE DESCRIPTION**

| Course # | Course          | Grade | Credit | Prerequisite |
|----------|-----------------|-------|--------|--------------|
| 138      | U.S. History    | 11    | 1      | None         |
| 140      | World History   | 10    | 1      | None         |
| 141      | U.S. Government | 12    | .5     | 2 years S.S. |
| 143      | Economics       | 12    | .5     | 2 years S.S. |
| 145      | World Geography | 9     | 1      | None         |

**138 U.S. History** – Covers the development of industrialism and the problems industrialization brought; the rise of labor unions, and domestic and foreign politics between 1856 to the present.

**140 World History** – Covers the entire scope of world history from prehistoric peoples to present, including both western and non-western civilizations and cultures.

**141 U.S. Government** – Study the structure, organization, and functions of government on the national, state, and local levels. State and national constitution are also included.

**143 Economics** – Covers the American free enterprise system, consumer problems, and comparative economics systems. Designed to increase the student's knowledge of economic principles.

**145 World Geography** – Designed to give the student a working knowledge of the location and culture of the major nations of the world.



## MATHEMATIC COURSES AND COURSE DESCRIPTIONS

| Course # | Course                                   | Grade | Credit | Prerequisite  |
|----------|--|-------|--------|---------------|
| 114      | Algebra 1                                | 9-12  | 1      | None          |
| 116      | Geometry                                 | 9-12  | 1      | Alg.1         |
| 118      | Algebra 2                                | 10-12 | 1      | Alg.1 & Geom. |
| 120      | *Pre-calculus                            | 11-12 | 1      | Alg.2 & Geom. |
| 122      | Mathematical Models<br>with Applications | 10-12 | 1      | Alg.1 & Geom. |

**114 Algebra 1** – Discover properties of the real number system, work with polynomials, solve inequalities and compound equations, factor, solve quadratic equations, functions, relations, exponents, and radicals.

**116 Geometry** – Includes measurement, two and three-dimensional figures, parallel and perpendicular lines, congruence, constructions, points in the plane, area, perimeter and volume, right triangles and circles.

**118 Algebra 2** – Emphasizes geometric concepts, graphing skills, and algebraic techniques used in problem solving.

**120 Pre-calculus** – Use functions as well as symbolic reasoning to represent and connect ideas in geometry, probability, statistics, trigonometry, and calculus.

**122 Mathematical Models with Applications** – Use algebraic, graphical, and geometric reasoning. Use math models to solve real life applied problems involving money, data, chance, patterns, music, design and science.

Note: Student must pass class in which he/she is enrolled before taking the next class. Progression of Math classes: Algebra 1; Geometry; Algebra 2 or Math Models; Pre-Calculus.

## SCIENCE COURSES AND COURSE DESCRIPTIONS

| Course # | Course                    | Grade | Credit | Prerequisite                 |
|----------|---------------------------|-------|--------|------------------------------|
| 127      | I.P.C.(lab)               | 9     | 1      | None                         |
| 129      | Biology(lab)              | 10-12 | 1      | I.P.C.                       |
| 130      | *AP Biology               | 12    | 1      | IPC, Bio.&Chem.              |
| 132      | Chemistry(lab)            | 11-12 | 1      | IPC.,Bio.,&Alg.1             |
| 134      | *Physics(lab)             | 11-12 | 1      | IPC.,Bio.,Alg.1 &<br>**Geom. |
| 135      | *Anatomy/ Physiology(lab) | 11-12 | 1      | Bio. & Chem.                 |

**127 Integrated Physics and Chemistry** – Integrates physics and chemistry in the following topics, motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry. This is an introductory course for science students. IPC does not count as a science credit for students working toward the Distinguished Graduation Program.

**129 Biology** - A biological science: includes the study of plant and animal life. Laboratory oriented course

\*Weighted

\*\*Weighted - Must have had or presently be enrolled in Geometry.

**130 AP Biology** – A comprehensive study of living organisms. Students will extensively cover the various body systems from the most primitive organism to the most advanced.

**132 Chemistry** – A physical science: includes the study of the nature of matter and the chemical changes matter undergoes. Laboratory oriented course. Calculator required.

**134 Physics** – A physical science: tends the basic concepts introduced in physical science with an emphasis on understanding the mathematics involved with motion, heat, waves, light, and electricity. Scientific calculator required.

**135 Anatomy and Physiology** – A geological science: builds on the knowledge of the human body, which was introduced in biology, in depth study of the organization of the human body and its systems. Laboratory experiences are included.

**Note: Enrollment into Pre AP/AP classes will based on Math Skills.**

## **PHYSICAL EDUCATION COURSES AND COURSE DESCRIPTIONS**

| Course # | Course          | Grade | Credit    | Prerequisite |
|----------|-----------------|-------|-----------|--------------|
| 224      | Health          | 12    | .5        | None         |
| 225/226  | P.E.            | 9     | .5 to 1.0 | None         |
| 227/228  | P.E.            | 10-12 | .5 to 1.0 | None         |
| 232/233  | Boys Athletics  | 9     | .5 to 1.0 | None         |
| 234/235  | Boys Athletics  | 10    | .5 to 1.0 | None         |
| 236/237  | Boys Athletics  | 11    | .5 to 1.0 | None         |
| 238/239  | Boys Athletics  | 12    | .5 to 1.0 | None         |
| 240/241  | Girls Athletics | 9     | .5 to 1.0 | None         |
| 242/243  | Girls Athletics | 10    | .5 to 1.0 | None         |
| 244/245  | Girls Athletics | 11    | .5 to 1.0 | None         |
| 246/247  | Girls Athletics | 12    | .5 to 1.0 | None         |

**224 Health** – Encourages students to make healthy decisions that enhance total wellness.

**225/226 & 227/228 Physical Education** – Physical education deals with physical fitness and lifetime physical activities. This course emphasizes the importance of a well-rounded program of physical fitness in everyday life. An introduction to health concepts of nutrition, with an emphasis on self-control and goal setting will be taught.

**232-239 Boys Athletics** – Instruction will consist of the sport in season. Included will be agility training, weights, running, goal setting, skills and developing a positive mental attitude.

**Sports offered for participation are:** Football, Basketball, Baseball, Cross Country, Golf, Powerlifting, Tennis, and Track

**240-247 Girls Athletics** – Instruction will consist of the sport in season. Included will be agility training, weights, running, goal setting, skills and developing a positive mental attitude.

**Sports offered for participation are:** Cross Country, Volleyball, Basketball, Golf, Power-lifting, Softball, Tennis and Track.

**Note:** Band students may use Fall Semester (Marching Band) only as physical education credit.

## FINE ARTS COURSES AND COURSE DESCRIPTION

| Course # | Course        | Grade | Credit | Prerequisite      |
|----------|---------------|-------|--------|-------------------|
| 201      | Art 1         | 9-12  | 1      | None              |
| 202      | Art 2         | 10-12 | 1      | Art 1             |
| 204      | Band 1        | 9     | 1      | Director Approval |
| 205      | Band 2        | 10    | 1      | Director Approval |
| 206      | Band 3        | 11    | 1      | Band 2            |
| 207      | Band 4        | 12    | 1      | Band 3            |
| 208      | Applied Music | 9-12  | 1      | None              |

**201 Art 1** - Designed to acquaint students with basic elements of art and principles of design by exploring different styles and techniques.

**202 Art 2** – Designed to continue student’s development of basic elements of art and principles of design by further exploring different styles and techniques. Must have successfully completed Art 1.

**204-207 Band 1,2,3,4** – The Golden Pride band performs throughout the year at football games, parades, pep rallies, concerts, and contests. Members are required to participate in all organization performances and activities. Featured in the band are a Flag Corp and twirlers.

**208 Applied Music** – Designed to acquaint students with the four basic stands of music while developing musical intellect and an understanding of the cultural and creative nature of musical artistry.



## **BUSINESS EDUCATION COURSES AND COURSE DESCRIPTION**

| Course # | Course   | Grade | Credit | Prerequisite |
|----------|----------|-------|--------|--------------|
| 212      | BCIS 1   | 9-12  | 1      | None         |
| 218      | *BCIS 2  | 10-12 | 1      | BCIS 1       |
| 220      | BUSIM/MM | 9-12  | 1      | None         |

**212 Business Computer Information Systems 1** – Develops technology skills focusing on word processing, spreadsheets, data bases, and desktop publishing. Develops intermediate-level skills.

**218 Business Computer Information Systems 2** – Provides advance technology skills required in the business environment.

**220 Business Image Management and Multimedia** – Develops technical skills to address business applications of emerging technologies.

## **TECHNOLOGY APPLICATION COURSES**

| Course # | Course             | Grade | Credit | Prerequisite            |
|----------|--------------------|-------|--------|-------------------------|
| 214      | Multimedia         | 9-12  | 1      | Tech. Apps. Proficiency |
| 215      | Web Mastering      | 9-12  | 1      | Tech. Apps. Proficiency |
| 216      | Computer Science   | 9-12  | 1      | Tech. Apps. Proficiency |
| 217      | Desktop Publishing | 9-12  | 1      | Tech. Apps. Proficiency |
| 213      | Digital Graphics   | 9-12  | 1      | Tech. Apps. Proficiency |
| 219      | Video Tech.        | 9-12  | 1      | Tech. Apps. Proficiency |

**214 Multimedia** – This course is designed to help students learn to make informed decisions about technologies and their applications and to use technology to access, analyze, and evaluate information.

**215 Web Mastering** – Instruction in the use of Internet services and the fundamentals of web page design and web site development.

**216 Computer Science** – This course involves understanding of programming language concepts and how these are applied to problem solving. **Distance Learning**

**217 Desktop Publishing** – Combine the skills of electronic design, editing, and production of a product using a variety of hardware and software tools. This is a project-based course.

**213 Digital Graphics** – This course is an introduction to design, typography, and imaging techniques. Topics include digital composition, color, imaging, editing and animation.

**219 Video Technology** – This course involves video basics and participation in pre-production, production and post-production stages of video creation, distribution, and evaluation of the product.



\*Weighted

**TECHNOLOGY AND INDUSTRIAL EDUCATION COURSES AND COURSE DESCRIPTIONS**

| Course # | Course                             | Grade | Credit | Prerequisite                |
|----------|------------------------------------|-------|--------|-----------------------------|
| 166      | Wildlife & Recreation Mgmt.        | 9-12  | .5     | None                        |
| 167      | Home Maintenance & Improvements    | 9-12  | .5     | Intro. Ag. Mech.            |
| 168      | Intro. Ag. Mech.                   | 9-12  | .5     | None                        |
| 169      | Ag. Metal Fab. Tech                | 9-12  | .5     | Intro. Ag. Mech.            |
| 170      | Agricultural Mechanics 1           | 11-12 | 2      | Intro. Ag. Mech. /Ag. Metal |
| 171      | *Agricultural Mechanics 2#         | 11-12 | 2      | Ag. Mechanics 1             |
| 172      | Agricultural Structures Technology | 9-12  | .5     | Intro. Ag. Mech.            |
| 173      | Agricultural Power Technology      | 9-12  | .5     | Intro. Ag. Mech.            |
| 174      | Agricultural Power & Machinery     | 9-12  | 1      | Intro. Ag. Mech.            |

**166 Wildlife and Recreation Management** – A technical course designed to examine the importance of wildlife and outdoor recreation with emphasis on using wildlife and natural resources. Course taught the 1<sup>st</sup> semester to be followed by Energy and Environmental Technology.

**167 Home Maintenance and Improvement** – Designed to introduce students to home safety needs and hazards; making repairs to electrical systems, plumbing, heating and air conditioning systems, and repairing exterior and interior walls. Course taught the 1<sup>st</sup> semester followed by Ag Structures.

**168 Introduction to Agricultural Mechanics** – Designed to familiarize the student with basic theory and specialized skills as to identification and safe use, carpentry, electricity, plumbing, masonry, fence building, painting, metal working, and welding processes. Course taught 1<sup>st</sup> semester to be followed by Agricultural Metal Fabrication Technology.

**169 Agricultural Metal Fabrication Technology** – Introduction to uses of metal and welding equipment. Explore career opportunities in agricultural metal fabrication technology. Course is taught 2<sup>nd</sup> semester following Introduction to Agricultural Mechanics

**170 Agricultural Mechanics 1** – Introduces opportunities and importance of mechanized agriculture in America. Explores farm power and machinery maintenance and operation. Builds skills in operating, planning, and construction of farm machinery and structures.

\* Weighted

# Must take both courses

**\*171 Agricultural Mechanics 2** – Continues knowledge and skills learned in Agricultural Mechanics 1. An extensive involvement with mechanized agriculture in America.

**172 Agricultural Structures Technology** – Designed to prepare students to maintain, evaluate, design, and build agricultural structures using approved construction techniques.

**173 Agricultural Power Technology** – Designed to develop skills in selection, operation, and maintenance of small air-cooled engines, multi-cylinder engines, hydraulic motors, electrical motors and agricultural machinery and tractors.

**174 Agricultural Power and Machinery** – Designed to develop skills in selection, operation, and maintenance of small air-cooled engines, multi-cylinder engines, hydraulic motors, electric motors, and agricultural machinery and tractors.

| Course # | Course                      | Grade | Credit | Prerequisite |
|----------|-----------------------------|-------|--------|--------------|
| 150      | Energy & Envir. Tech        | 9-12  | .5     | None         |
| 151      | Equine Science              | 9-12  | .5     | None         |
| 152      | Specialty Ag                | 9-12  | .5     | None         |
| 153      | . Plant & Animal Production | 9-12  | .5     | None         |
| 154      | Animal Science              | 9-12  | .5     | None         |

|     |                             |      |    |      |
|-----|-----------------------------|------|----|------|
| 155 | Intro World Ag Sci. & Tech. | 9-12 | .5 | None |
| 156 | Applied Ag Sci. & Tech.     | 9-12 | .5 | None |

|     |                  |      |    |      |
|-----|------------------|------|----|------|
| 157 | Floral Design    | 9-12 | .5 | None |
| 158 | Landscape Design | 9-12 | .5 | None |

|     |                    |       |    |               |
|-----|--------------------|-------|----|---------------|
| 159 | Adv. Floral Design | 10-12 | .5 | Floral Design |
| 160 | Ag. Biotechnology  | 10-12 | .5 | Biology       |

|     |                         |      |    |      |
|-----|-------------------------|------|----|------|
| 161 | Food Technology         | 9-12 | .5 | None |
| 162 | Fruit, Nut & Vegetables | 9-12 | .5 | None |

|     |                        |      |    |             |
|-----|------------------------|------|----|-------------|
| 163 | Computer Appl. In Ag.  | 9-12 | .5 | Keyboarding |
| 164 | Exploring Aqua-culture | 9-12 | .5 | None        |

**150 Energy and Environmental Technology** – Course begins to prepare students for careers in the fields of environmental and natural resource systems.

**151 Equine Science** – Course begins to prepare students for careers in food and fiber production systems. Course taught 1<sup>st</sup> semester followed by Specialty Ag.

**152 Specialty Ag**- Course begins to prepare students for careers in food and fiber production systems. Students have opportunities to learn, reinforce, apply and transfer their knowledge and skills and technologies in a variety of settings. Course taught 2<sup>nd</sup> semester following Equine Science.

**153 Plant and Animal Production** – Course identifies the importance and influence of soils, soil fertility, and soil conservation to society as well as the importance of plants and their influence on society. Course taught 1<sup>st</sup> semester followed by Animal Science.

**154 Animal Science** – Course designed to explain animal anatomy and physiology related to nutrition, reproduction, health, and management of domesticated animals. Course taught 2<sup>nd</sup> semester following Plant and Animal Production.

**155 Introduction to World Agricultural Science & Technology** –Introduces beginning students to agricultural science and global technology. Includes agricultural career development, leadership, communications, and personal finance. Course taught 1<sup>st</sup> semester followed by Applied Agricultural Science and Technology.

**156 Applied Agricultural Science and Technology** - Comprehensive course designed for beginning students. Includes soils, plants, animals, agricultural construction, food science, supervised occupational experience programs and leadership. Course taught 2<sup>nd</sup> semester following Introduction to World Agricultural Science & Technology.

**157 Floral Design & Interior Landscape Development** – Prepares students to design and arrange flowers, foliage and related plant materials for interior locations. Course taught 1<sup>st</sup> semester followed by Landscape Design, Construction, & Maintenance.

**158 Landscape Design, Construction, & Maintenance** – Prepares students to design, construct, and maintain planted areas and devices for the beautification of home grounds, and other areas of human habitation and recreation. Course taught 2<sup>nd</sup> semester following Floral Design & Interior Landscape Development.

**159 Advanced Floral Design** – Floral design and Interior Landscape Development is a prerequisite. Emphasis on contemporary design. Creativity and careers in the floral industry. Course taught 1<sup>st</sup> semester followed by Agricultural Biotechnology.

**160 Agricultural Biotechnology** – Prepare students to identify principles of cell biology, molecular genetics, and DNA in plant and animals. Course taught 2<sup>nd</sup> semester following Advanced Floral Design.

**161 Food Technology** – Prepares students for entry level jobs in food industry. Processing, labeling, preparing and marketing food included. Course taught 1<sup>st</sup> semester followed by Fruit, Nut, and Vegetable Production.

**162 Fruit, Nut, and Vegetable Production** – Designed to provide skills in the operation of enterprises concerned with the production of fruit, nuts, and vegetables. Course taught 2<sup>nd</sup> semester following Food Technology.

**163 Computer Applications in Agriculture** – Prepares students to use spreadsheets, database technology, and desktop publishing as applied to agricultural systems. Course taught 1<sup>st</sup> semester followed by Exploring Aqua-culture.

**164 Exploring Aqua-Culture** – Prepares student for career in the fields of environmental and natural resource systems; water and water organisms. Course taught 2<sup>nd</sup> semester following Computer Applications in Agriculture.

| Course # | Course             | Grade | Credit | Prerequisite                 |
|----------|--------------------|-------|--------|------------------------------|
| 191      | Career Preparation | 11-12 | 2 - 3  | See course description below |

**191 Career Preparation** – Prerequisite: Must have approved job; Teacher recommendation by application; Student contract required.

Career Preparation will provide students with real world, work based experience coupled with classroom instruction which will stress the areas of: work ethics, job application, interview, safety on the job, wages and salary, income tax, career goals, job projection, trend and work evaluation. Student will spend one 48 minutes period each day in the classroom setting. Students will spend a minimum of 15 clock hours per week on the approved job site.



| Course # | Course                  | Grade  | Credit | Prerequisite        |
|----------|-------------------------|--------|--------|---------------------|
| 183      | Intro to Elect. Careers | 10-12  | 1      | None                |
| 184      | HV/AC I                 | 11-12  | 1      | Instructor Approval |
| 185      | HV/AC II                | 11-12  | 1      | HV/AC 1             |
| 186      | Appliance Tech I        | 10 -12 | 1      | None                |
| 187      | Appliance Tech II       | 11-12  | 1      | Appliance Tech I    |

**183 Introduction to Electrical Careers** – Students develop knowledge of the concepts and skills related to the major appliance technology systems in order to apply them to personal/career development.

**184 Heating, Ventilation, Air-conditioning and Refrigeration I** - First year instruction is designed to provide job specific training for entry level employment in the labor market for heating, ventilation, air-conditioning and refrigeration installation and services.

**185 Heating, Ventilation, Air-conditioning and Refrigeration II** – Second year instruction is designed to enhance job specific training for entry level employment. Students who wish to enter this program should have basic math and science skills and be willing to learn electrical and mechanical theory and practice.

**186 Appliance Technology I** – Introduces mechanical, electrical and electronic principles related to the diagnosis, service and repair of major appliances.

**187 Appliance Technology II** – Continues the studies of mechanical, electrical and electronic principles related to the diagnosis, service and repair of major appliances.

**SAFETY IS EXTREMELY IMPORTANT. STUDENTS CAN BE DISMISSED FROM CLASS FOR FAILING TO FOLLOW SAFETY RULES.**

### **MISCELLANEOUS ELECTIVE COURSES AND COURSE DESCRIPTIONS**

| Course # | Course                         | Grade | Credit | Prerequisite                   |
|----------|--------------------------------|-------|--------|--------------------------------|
|          | Peer Assistance and Leadership | 12    | 1      | Interview and Teacher approval |
|          |                                |       |        |                                |
|          |                                |       |        |                                |

**Peer Assistance and Leadership (PALS)** – This course is for seniors who exhibit superior communication skills. Students must perform community projects, keep a weekly journal, and establish rapport with others. PALS are paired with West Hardin Elementary students. Good relationships with young children must be evident. Application is required.

**Distance Learning Classes Re-Imbursement-** West Hardin CCISD will re-imburse \$100 of each course completed with a grade of 2.0 or better on a 4.0 scale. This \$100 per course will be limited to 4 courses per year for re-imbursement purposes. Parents and Students will be responsible for all of the initial tuition and books. Good conduct and citizenship will also be a condition for the \$100 re-imbursement along with the 2.0 GPA. The School District hopes that this will encourage our students to prepare for, attend and earn a college degree. This offer is limited to the amount of funds budgeted for this incentive. Re-imbursement will be made after each semester.

**DISTANCE LEARNING LAB:**

College classes that are taken in the distance learning lab will be for dual credits (college and high school) and are weighted on the 7.0 scale (see page 2). All college classes listed below taken through West Hardin CCISD will count on the 7.0 scale.

**SCHOLARSHIPS:**

Reimbursement scholarships will be offered for the 4 English classes that are offered through Distance Learning (English 1301, 1302, 2331, 2326). Tuition and the cost of used books for each of these courses will be paid for by the District as long as the students make a "C" in the preceding class. For Example, the District pays for ENG 1301 up front, if the student passes with a "C" or better the District will pay for 1302 , etc. If the student makes below a "C" in 1301, then the District will not pay for another English course until the student passes the subsequent English course with a "C" or better.

**WEST HARDIN & LAMAR UNIVERSITY SCHEDULE**

**FALL SEMESTER**

| Time           | Monday/Wednesday                | Tuesday/Thursday                          |
|----------------|---------------------------------|---|
| 8:00-9:15 am   | **English 1301 Composition I    | **History 1301 American History 1763-1877 |
| 9:30-10:45 am  | **English 2331 World Literature | **Pol Sci 2301 Intro to Am. Govt. I       |
| 11:00-12:15 am | **Math 1314 College Algebra     | **Psync 2301 General Psychology           |

**SPRING SEMESTER**

| Time           | Monday/Wednesday                   | Tuesday/Thursday                                |
|----------------|------------------------------------|---|
| 8:00-9:15 am   | **English 1302 Composition II      | **History 1302 American History 1877 to present |
| 9:30-10:45 am  | **English 2326 American Literature | **Econ 2301 Economics                           |
| 11:00-12:15 pm | **Arts 1301 Art Appreciation       | **Pol Sci 2302 Intro to Am. Govt II             |
| 12:30-1:20 pm  | **Calculus                         | **Calculus                                      |

\*\* indicates courses weighted on the 7.0 scale

**EARLY ENTRY REQUIREMENTS  
FOR CONCURRENT HIGH SCHOOL ENROLLMENT  
LAMAR UNIVERSITY  
Beaumont, Texas**

Fall 2005

High School students seeking early entry to Lamar University must meet the following two criteria:

**1. Admission to Lamar University**

- a. Complete an early entry application for admission form
- b. Secure required counselor or principal signature on application
- c. Submit copy of high school transcript and TAKS scores
- d. Submit SAT, PSAT, or ACT scores – minimum PSAT – 800 (verbal & math), SAT – 800 (verbal & math), and ACT (composite) – 17.

**AND**

**2. THEA (Texas Higher Education Assessment) Compliance**

Student must meet one of the following, 2(a) or 2(b):

2(a) **Be exempt from THEA.** Test scores that exempt a student from THEA are:

SAT Composite Score 1070 (with minimum 500 Verbal & 500 Math)

ACT Composite Score 23 (with minimum 19 Verbal & 19 Math)

TAKS scores:

11th grade TAKS scores

ELA- 2200 and a 3 on the writing

Math- 2200

10<sup>th</sup> grade TAKS scores can also waive the THEA

**OR**

2(b) Prior to being enrolled, achieve THEA scores listed below:

| Course Number          | Course Title              | Official THEA Score Required |
|------------------------|---------------------------|------------------------------|
| Economics 2301         | Principles of Economics I | 230 Reading & 240 Math       |
| English 1301           | Composition I             | 230 Reading & 220/5 Writing  |
| English 1302           | Composition II            | 230 Reading & 220/5 Writing  |
| English 2326           | American Literature       | 230 Reading & 220/5 Writing  |
| English 2331           | World Literature          | 230 Reading & 220/5 Writing  |
| History 1301           | US History I              | 230 Reading                  |
| History 1302           | US History II             | 230 Reading                  |
| Math 1314              | College Algebra           | 270 Math                     |
| Political Science 2301 | American Government I     | 230 Reading                  |

Students must complete the English 1301 and 1302 sequence before registering for sophomore literature classes.

## **DISTANCE LEARNING LAB COURSE DESCRIPTIONS**

### **English Courses (ENGL)**

1301 Composition I – Basic forms of expository writing. Frequent themes. Collateral reading in articles and essays of a factual and informative type. *This course is prerequisite to ENGL 1302 and 1374.*

1302 Composition II – Forms of expository and analytical writing. Topics for composition suggested from wide reading in at least two of the three genres: prose fiction, poetry, and drama. Research paper required. *Prerequisite: ENGL 1301.*

2326 American Literature – Six to ten major works of American literature, including both the 19<sup>th</sup> and 20<sup>th</sup> centuries. *Prerequisite: ENGL 1301 and either ENGL 1302 or 1374; or ENGL 1360 and advanced writing course.*

2331 World Literature – Six to ten major monuments of world literature, from classical antiquity to the present century. *Prerequisite: ENGL 1301 and either ENGL 1302 or 1374; or ENGL 1360 and advanced writing course.*

### **History Courses (HIST)**

1301 American History: History of the United States, 1763 to 1877 United States history from the revolutionary period through reconstruction.

1302 American History: History of the United States, 1877 to the Present United States history from the post-reconstruction period to the present.

### **Political Science Course (POLS)**

2301 Introduction to American Government I – The national and Texas constitutions; federalism; political socialization and participation; public opinion and interest groups; parties, voting and elections. *Prerequisite: Sophomore standing.*

2302 Introduction to American Government II – The legislative, executive and judicial branches and the bureaucracy; policy formulation and implementation including civil rights and civil liberties, domestic and foreign policies. *Prerequisite: POLS 2301*

### **Psychology Courses (PSYC)**

2301 General Psychology – An introductory survey of the major areas of psychology such as learning, personality, social, testing, developmental and physiological. Emphasis is on psychology as the scientific study of behavior and includes both human and animal behavior.

### **Art Courses (ARTS)**

1301 Art Appreciation – An introductory course emphasizing the understanding and appreciation of visual arts (painting, sculpture, and architecture). Open to all students.

### **Economics Courses (ECON)**

2301 Principles (Macro) – Emphasizes monetary theory; national income analysis; fluctuation and growth; public finance; international trade; and current economic problems.

### **Mathematics Courses (MATH)**

1314 College Algebra – Linear and quadratic equations and inequalities, determinants, matrices, systems of equations, binomial theorem, exponential and logarithmic functions, theory of equations. *Prerequisite: Two years of high school algebra, 480 Math SAT or DMTH 0372 and 260 THEA.*



### **ALMA MATER**

Mid the oilfields of West Hardin

Lie our memories.

Memories of our dear high school,

We will honor thee.

Hardin, Hardin, dear West Hardin,

Surely thou will be

Ever worthy of our homage,

West Hardin hail to thee!!