Caddo Mills High School

GRADUATION REQUIREMENTS AND COURSE LIST

Caddo Mills ISD

For Freshmen beginning 2014-2015 School Year
INTRODUCTION

Intended for the use of both parents and students, the following *Caddo Mills High School Course Guidebook* represents the school administration’s continuing efforts to provide pertinent information about high school, specifically, a description of courses offered. Students are urged to study this guidebook along with other documents as they choose courses for their high school graduation plan.

This guidebook lists the courses available to high school students. It should be noted that not all of the courses listed are scheduled every year. For a class to be offered, a minimum number of students must request that course. For this reason, it may be necessary to schedule classes on an alternate-year basis or to eliminate them. When a sufficient number of student requests warrant it, every effort will be made to offer a desired course.

One can find valuable information as well as graduation plans and requirements in this guidebook. Students should stay in contact with colleges that they are interested in attending. Requirements for college entrance may change year to year and course requirements may also change.

*Caddo Mills ISD does not discriminate on the basis of race, color, creed, national origin, sex, age, or disability in providing education services.*
Graduation Requirements and Eligibility

The Commissioner had adopted a transition plan to replace the Minimum High School Plan, Recommended High School Plan and Distinguished Achievement Program with the Foundation High School Program beginning with the 2014-2015 school year.

To receive a high school diploma, a student entering Grade 9 in the 2014-2015 school year and thereafter must complete the following:
1. Requirements of the Foundation High School Program (74.12)
2. Testing requirements for graduation as specified in Ch. 101; and
3. Demonstrated proficiency, as determined by the district…in delivering clear, verbal messages; choosing effective nonverbal behaviors; listening for desired results; applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interaction, and personal and professional presentations.

Beginning in the 2014-2015 school year, a school district must ensure that each student, on entering ninth grade indicates in writing an endorsement that the student intends to learn. A district must permit a student to choose, at any time, to earn an endorsement other than the endorsement the student previously indicated.

Graduation Requirements

**Distinguished Eligible for Top 10% Automatic Admission**

- Algebra 2
- Algebra 2
- Algebra 2
- Algebra 2
- Algebra 2

**Endorsements – 26 Credits**

- **STEM**
  - 1 Math
  - 1 Science
  - 2 Electives

- **Business and Industry**
  - 1 Math
  - 1 Science
  - 2 Electives

- **Arts and Humanities**
  - 1 Math
  - 1 Science
  - 2 Electives

- **Public Services**
  - 1 Math
  - 1 Science
  - 2 Electives

- **Multidisciplinary Studies**
  - 1 Math
  - 1 Science
  - 2 Electives

**FOUNDATION – 22 CREDITS**

- 4 English Language Arts (English 1, English 2, English 3, & Adv English)
- 3 Mathematics (Algebra 1, Geometry, & Adv Math)
- 3 Social Studies (World Geography, US History, & Government/Economics)
- 3 Science (Biology & two Advanced Sciences)
- 2 Foreign Language
- 1 Fine Arts
- 1 Physical Education
- 5 Electives
Foundation Courses

Indicates a STAAR EOC requirement.

Local credit requirements:
The Caddo Mills ISD School Board has determined a student must complete the following local requirements to graduate:

- A minimum of ½ credit in Speech. This may be completed by taking a one semester course such as Professional Communications or Communication Applications or by completing a full year course such as Debate 1. This ensures students meet the (3.) proficiency listed above in the state requirements for graduation.
- A minimum of ½ credit in Finance. This may be completed by taking a one semester course such as Principles of Business Marketing and Finance, or by completing a full year course such as Accounting 1.
- 1 credit of Technology in high school. This may be complete by taking one of the following courses or technology equivalent:
  - Digital and Interactive Media
  - Principles of Manufacturing
  - Principles of Arts, Audio Video Technology, and Communications
  - Concepts of Engineering and Technology

5 elective credits to include ½ credit of Speech, ½ credit of Finance and 1 credit of Technology, *
* Could include Pre-Algebra 1
Endorsements:

In addition to the Foundation High School Program, students may also earn endorsements to be indicated on their high school transcript. A student may earn an endorsement by successfully completing:

- Curriculum requirements for the endorsement
- Four credits in Math
- Four credits in Science
- Two additional elective credits

A course completed as part of the set of four courses needed to satisfy an endorsement requirement may also satisfy a requirement under the foundation high school program, including an elective credit.

Caddo Mills ISD offers courses necessary to meet every type of endorsement, depending on the student’s educational and career goals. The following charts shows each endorsement and courses offered at Caddo Mills High School:

### Science, Technology, Engineering and Math

- **Algebra**
- **Geometry**
- **Algebra 2**
- **Statistics & Risk***
- **College Alg / Trig (DC)***
- **Calculus (DC)***
  - (5 Credits needed for Math Endorsement)

- **Biology**
- **Chemistry**
- **Physics**
- **Food Science***
- **Anatomy & Phys***

- **Algebra, Geometry, Algebra 2 & Biology, Chemistry, Physics**
- **Concepts of Engineering and Technology**
- **Principles of Technology***
- **Robotics and Automation***
**Business and Industry**

- **Prin. of Info Tech**
- **ProfComm/PBMF**
  - **Acct 1**
  - **Acct 2**
  - **Statistics**
  - **Printing and Imaging Tech**
  - **Adv Print and Imaging Tech**
  - **Career Prep 1**
  - **Career Prep 2**
  - **Advanced Course in chosen field**

*Indicates Advanced Course
** Will meet finance requirement
*** Will meet speech requirement

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**Public Service**

- **Principles of Human Services**
  - **Family and Community Services**
  - **Lifetime Nutrition**
  - **Interpersonal Studies**
  - **Child Development**
  - **Child Guidance**

- **Principles of Health Science**
  - **Health Science**
  - **Anatomy and Physiology**
  - **Medical Terminology**

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*Indicates Advanced Course
** Will meet finance requirement
*** Will meet speech requirement
Fine Arts

Band or Jazz Band 1

Band 2 or Jazz Band 2

Band 3 or Jazz Band 3

Band 4 or Jazz Band 4

Choir 1

Choir 2

Choir 3

Choir 4

Theater 1 or Th Prod 1

Theater 2 or Th Prod 2

Theater 3 or Th Prod 3

Theater 4 or Th Prod 4

Art 1

Art 2

Art 3

Art 4

Spanish 1

Spanish 2

Spanish 3

Spanish 4
Multi-Disciplinary Studies

Dual Credit:
Dual credit allows students to earn high school credit and college credit at the same time. Caddo Mills High School has a concurrent enrollment agreement with Paris Junior College. Students enrolled in a Dual Credit course take the course at the high school or college, and if the student earns a passing grade, he/she then earns college credit. Students may also take an online dual credit course through the Texas Virtual School Network. (TxVSN) (Must get approval from the principal)

Students must pay the tuition and fees of Paris Junior College, or the online university if they are seeking college credit. Before enrolling in a Dual Credit course, students must:
- have completed a Texas Success Initiative (TSI) approved test
- have completed the required course prerequisites

Advantages of Taking a Dual Credit Course
The main advantage of taking a dual credit course is better preparation for college. Students also acquire sophisticated academic skills and increased self-confidence in preparation for college.

Earning college credit does not necessarily lead to high school credit. You MUST have a numerical average of 70 or above in order to receive high school credit.

Additionally, students who take and pass a Dual Credit course receive college credit while still in high school, saving both time and money. Students and parents should always check with the college of interest to ensure that the college accepts dual credit courses for credits.

Differences between Dual Credit Courses and Other Courses
Dual credit courses are more challenging and stimulating, and they take more time and require more work. Dual Credit classes require energetic, involved and self-motivated students. Dual Credit courses are taught by highly qualified teachers who have received advanced training through university coursework and meet the requirements of a college-level instructor.
Dual Credit Courses Offered at CMHS:

<table>
<thead>
<tr>
<th>The courses for which you earn High School credit</th>
<th>The courses for which you will earn College credit</th>
<th>The college from which you will earn College credit</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English IV DC</strong> (1\textsuperscript{st} semester)</td>
<td>ENGL 1301</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>English IV DC</strong> (2\textsuperscript{nd} semester)</td>
<td>ENGL 1302</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>Calculus</strong> (1\textsuperscript{st} semester)</td>
<td>MATH 2413</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>Calculus</strong> (2\textsuperscript{nd} semester)</td>
<td>MATH 2414</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>College Algebra</strong> (1\textsuperscript{st} semester)</td>
<td>MATH 1314</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>Trigonometry</strong> (2\textsuperscript{nd} semester)</td>
<td>MATH 1316</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>Government</strong> (1\textsuperscript{st} semester)</td>
<td>GOVT 2305</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>U.S. History</strong> (1\textsuperscript{st} semester)</td>
<td>HIST 1301</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>U.S. History</strong> (2\textsuperscript{nd} semester)</td>
<td>HIST 1302</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>Medical Terminology</strong> (1\textsuperscript{st} semester)</td>
<td>HITT 1305</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>Problems and Solutions – Pharmacology</strong> (2\textsuperscript{nd} semester)</td>
<td>HPRS 2300</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>Law Enforcement I</strong> (1\textsuperscript{st} semester)</td>
<td>CRIJ 1301</td>
<td>Paris Junior College</td>
</tr>
<tr>
<td><strong>Law Enforcement II</strong> (2\textsuperscript{nd} semester)</td>
<td>CRIJ 1307</td>
<td>Paris Junior College</td>
</tr>
</tbody>
</table>

**Advanced courses:**
In order to be considered Advanced for the Multi-Disciplinary Studies endorsement, a course must prepare a student to enter the workforce successfully or postsecondary education without remediation from with one endorsement area or among endorsement areas that are not in a coherent sequence.

**Multiple Endorsements:**
Students will be awarded recognition for all Endorsements completed. It is possible for students to receive several different endorsements.

**Distinguished Level of Achievement:**
A student may earn a distinguished level of achievement by successfully completing:
- A total of four credits in math, which must include Algebra 2
- A total of four credits in science
- The remaining curriculum requirements
- The curriculum requirements for at least one endorsement

A student must earn distinguished level of achievement to be eligible for top ten percent automatic admission.

**Performance Acknowledgement:**
Performance acknowledgements are additional recognition for outstanding performance or additional accomplishments in high school. Performance acknowledgements are independent of endorsements.
A student may earn a performance acknowledgement:
- For outstanding performance
  - In a dual credit course
  - In bilingualism and biliteracy
  - On the PSAT, the SAT, or the ACT
- For earning a nationally or internationally recognized business or industry certification or license.

Dual Credit performance acknowledgement may be earned by completing at least 12 hours of college academic courses (including dual credit) with an average grade of 3.0 or higher on a scale of 4.0.

Bilingualism and Biliteracy performance acknowledgement may be earned by:
- Completing all English requirements and maintaining an average of 80 on a scale of 100.
- Completing three credits in the same language (other than English) and maintaining an average of 80 on a scale of 100.

Performance acknowledgement for outstanding performance on the PSAT, SAT or ACT may be awarded for:
- Earning a score on the PSAT that qualifies the student as a commended scholar or higher.
- Earning a combined critical reading and mathematics score of at least 1250 on the SAT
- Earning a composite score on the ACT of 28 (excluding the writing subscore).

Nationally and internationally recognized business or industry certification or license performance acknowledgements require:
- Performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification, or
- Performance on an examination sufficient to obtain a government-required credential to practice a profession.

Caddo Mills ISD currently offers the following certifications:
- American Welding Society Level 1 Certification
- Texas State Floral Level 1 Certification
More certifications may be added as they become available.
The summaries below are not intended to be a complete description of all material covered in the courses. Not all courses listed are scheduled every year.

### LANGUAGE ARTS

#### English I (ENG 1)
- **PEIMS Number:** 03220100
- **Grade Placement:** 9
- **Credit:** 1
- **Recommended Prerequisite:** None

English I is designed for students exhibiting average reading and language arts skills. Reading, vocabulary, writing, speaking and listening skills are taught through reviewing grammar principles, writing compositions, and analyzing literature. The literature for this course includes poetry, short stories, novels, plays and nonfiction. **STAAR tested.**

#### English I – Honors (Eng 1:H)
- **PEIMS Number:** 03220100
- **Grade Placement:** 9
- **Credit:** 1
- **Recommended Prerequisite:** English teacher’s recommendation & Contract

This course is designed for students exhibiting better than average reading and language arts skills in reading, vocabulary, writing, speaking and listening. The emphasis is on literary analysis, analytical writing and independent study skills. are taught through reviewing grammar principles, writing compositions, and analyzing literature. The literature for this course includes poetry, short stories, novels, plays and nonfiction. **STAAR tested.**

#### English II (ENG 2)
- **PEIMS Number:** 03220200
- **Grade Placement:** 10
- **Credit:** 1
- **Recommended Prerequisite:** English 1

English II is designed for students exhibiting average reading and language arts skills. Reading, vocabulary, writing, speaking and listening skills are taught through studying vocabulary, reviewing grammar, writing compositions, and analyzing literature. The literature for this course includes poetry, short stories, novels, plays and nonfiction. **STAAR tested.**

#### English II – Honors (ENG 2:H)
- **PEIMS Number:** 03220200
- **Grade Placement:** 10
- **Credit:** 1
- **Recommended Prerequisite:** English 1 and English teacher’s recommendation & Contract

This course is designed for students exhibiting better than average reading and language arts skills. The emphasis is on literary and language analysis, vocabulary, and independent study skills. The literature for this course includes poetry, short stories, novels, plays and nonfiction. **STAAR tested.**

#### English III (ENG 3)
- **PEIMS Number:** 03220300
- **Grade Placement:** 11
- **Credit:** 1
- **Recommended Prerequisite:** English 1 and English 2

English III is designed for students exhibiting average reading and language arts skills. Reading, vocabulary, writing, speaking and listening skills are taught through studying vocabulary, reviewing grammar, writing compositions, and analyzing American literature. The American literature for this course includes poetry, short stories, novels, plays and nonfiction.

#### English III – Honors (ENG 3:H)
- **PEIMS Number:** A3220100
- **Grade Placement:** 11
- **Credit:** 1
- **Recommended Prerequisite:** English 1, English 2 and English teacher’s recommendation & Contract

This course is designed for students exhibiting better than average reading and language arts skills. The emphasis is on literary and language analysis, vocabulary, and independent study skills. The American literature for this course includes poetry, short stories, novels, plays and nonfiction.
English IV    (ENG 4)
PEIMS Number: 03220400
Grade Placement: 12
Credit: 1
Recommended Prerequisite: English1, English 2, English 3
This course is a survey of British literature. Selected works from the major authors of the time period will be read and discussed, including poetry, novels, short stories and plays.

Business English (BUSENGL)
PEIMS Number: 13011600
Grade Placement: 12
Credit: 1
Prerequisites: English 3
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.

English IV – Dual Credit/AP    (Eng 4:D)
PEIMS Number: 03220400/A3220200
Grade Placement: 12
Credit: 1
Prerequisites: English 1-3, English teacher's recommendation & Contract. Students seeking college credit must and pass the Reading and Writing portion of the TSI test or meet certain exemption qualifications.
This course includes two college courses, ENGL 1301 & 1302. It is designed to give the superior student in English college-level studies. Timed, critical essays will be written with, and an emphasis will be placed on clear, analytical writing. Course study includes British literature and world literature. Students must be willing to read critically and prepare to initiate class discussions based on personal annotations from outside reading. Through this course, students have an opportunity to earn 6 hours of college credits through Paris Junior College. Students who take this as an AP course are encouraged to take the AP exam in May; fee is approximately $89. Fee assistance is available for eligible students.

The Bible and It’s Influence (IND ENG)
PEIMS Number 03221800
Grade Placement 9-12
Credit: 1
This course is an independent study taught through the English Department. It follows applicable law and all federal and state guidelines in maintaining religious neutrality and accommodating the diverse religious views, traditions, and perspectives of students throughout the district. This course does not endorse, favor, or promote any particular religion or nonreligious faith or religious perspective. The purpose of the course is to teach students knowledge of biblical content, characters, poetry, and narratives that are prerequisites to understanding contemporary society and culture.

Debate I-III (DEBATE 1, DEBATE2, DEBATE3)
PEIMS Numbers: (DEBATE 1) - 03240600, (DEBATE 2) - 03240700, (DEBATE 3) - 03240800
Grade Placement: 9-12
Credit: 1
Recommended Prerequisite: Teacher Permission
Debate places emphasis on the debate skills of critical thinking, rhetoric, reasoning, research and persuasion. This course is designed for debaters who are willing to participate in debate competition. Individual preparation for competition is a major aspect of this course.

Debate IV (IND SPCH)
PEIMS Numbers: 03241200 (IND SPCH)
Grade Placement: 12
Credit: 1
Prerequisite: Debate 1, 2, 3
Debate Four places emphasis on advanced debate skills of critical thinking, rhetoric, reasoning, research and persuasion. This course is designed for advanced debaters who are planning to participate in advanced debate competition. Individual preparation and research for competition is a major aspect of this course.

Professional Communications (PROFCOMM)
(Locally required course to satisfy speech requirement)
PEIMS Number: 13059900
Grade Placement: 9-12
Credit: ½
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.
Pre-Algebra I (INDSTUMTH)
PEIMS Number: 03102500
Grade Placement: 9
Credit: 1
Recommended Prerequisite: None
This course provides reinforcement and preparation for freshmen students prior to taking Algebra 1. Students will thoroughly cover real numbers and their properties, the language of algebra, solving and graphing linear equations and inequalities, ratios, proportions and variations, polynomial, rational expressions, radicals and quadratic equations. This course may be included in the foundation graduation requirements only as an elective credit.

Algebra I (ALG 1)
PEIMS Number: 03100500
Grade Placement: 9-12
Credit: 1
Recommended Prerequisite: None
This course involves a study of the real numbers and their properties, the language of algebra, solving and graphing linear equations and inequalities, ratio, proportions and variations, polynomial, rational expressions, radicals, and quadratic equations. The student should acquire a basic knowledge of the structure of algebra. STAAR tested.

Geometry (GEOM)
PEIMS Number: 03100700
Grade Placement: 9-12
Credit: 1
Recommended Prerequisite: Algebra 1
This course is a study of plane and solid figures. The student applies the principles of inductive and deductive reasoning in developing proofs. Particular emphasis is given to applying definitions, conjectures, postulates, and theorems. The student will study the basic properties of lines, planes, polygons, circles, and geometric solids. Much attention is placed on understanding the principle of congruence and similarity of triangles. Some attention will also be given to the basic concepts of coordinate and transformational geometry.

Geometry – Honors (GEOM:H)
PEIMS Number: 03100700
Grade Placement: 9-10
Credit: 1
Recommended Prerequisite: Teacher recommendation & Contract, Algebra 1
This course requires higher level critical thinking skills, independent research, and extensive problem solving. Topics will be explored in depth, and tests will prove more challenging than ones found in the regular Geometry course. Students in this course are expected to continue taking mathematics courses until the completion of Calculus.

Algebra II (ALG 2)
PEIMS Number: 03100600
Grade Placement: 10-12
Credit: 1
Recommended Prerequisite: Algebra 1 and Geometry
This course includes a study of linear inequalities in both the real and complex number systems, solving linear systems algebraically and with matrices, and determinants, polynomial and rational expressions, extensive work on functions and series and sequences.

Algebra II – Honors (ALG 2:H)
PEIMS Number: 03100600
Grade Placement: 10-12
Credit: 1
Recommended Prerequisite: Teacher recommendation & Contract, Algebra 1 and Geometry
This course will provide higher level critical thinking skills and independent research. Students will experience more challenging problem-solving tasks than in the regular Algebra II course. Students are expected to continue taking courses in mathematics until the completion of Calculus.

Statistics and Risk Management (STATSRM)
PEIMS Number: 13016900
Grade Placement: 11-12
Credit: 1
Students will use a variety of graphical and numerical techniques to analyze patterns and departures from patterns to identify and manage risk that could impact an organization. Students will use probability as a tool for anticipating and forecasting data within business models to make decisions. Students will determine the appropriateness of methods used to collect data to ensure conclusions are valid.

College Algebra (INSTUMTH:D)
PEIMS Number: 03102500
Grade Placement: 11-12
Credit: .5
Recommended Prerequisite: Algebra 1 & 2 and Geometry
This college course, Math 1314, covers quadratics; polynomial, rational, logarithmic, and exponential functions; systems of equations, progressions, sequences and series, and matrices and determinants. Students seeking college credit must and pass the Math portion of the TSI test or meet certain exemption qualifications. Students may earn 3 hours of college credit from Paris Junior College.
Trigonometry (INSTMTH2:D) 
PEIMS Number: 03102500
Grade Placement: 11-12
Credit: .5
Recommended Prerequisite: Algebra 1 & 2, Geometry and Math 1314
This course covers degree and radian measure, the use of scientific calculator, the trigonometric functions, solution of right triangles and oblique triangles, vectors, graphs of trigonometric and inverse trigonometric functions, identities, solutions of trigonometric equations, and complex numbers. Students seeking college credit must and pass the Math portion of the TSI test or meet certain exemption qualifications. Students may earn 3 hours of college credit from Paris Junior College and high school credit for pre-calculus if College Algebra, Math 1314, is also taken.

Calculus AB-Dual Credit/AP (APCALCAB:D) 
PEIMS Number: 03102501, A3100101
Grade Placement: 12
Credit: 1
Recommended Prerequisite: College Algebra and Trigonometry
These college courses, Math 2413 & 2413, involve a study of Calculus and Geometry comparable to that studied in college and university courses. A review of elementary function and conic sections will be included, followed by work leading to differentiation and application of the derivative, integration and applications, and differentiation and integration of trigonometric, logarithmic, and exponential functions. Methods of integration will also be studied. Students seeking college credit must and pass the Math portion of the TSI test or meet certain exemption qualifications. Students may earn 8 hours of college credit from Paris Junior College and high school credit for calculus.

SCIENCE

Integrated Physics & Chemistry (IPC)
PEIMS Number: 03060201
Grade Placement: 9-10
Credit: 1
Recommended Prerequisite: None
This course is usually taken in the freshman year. Physical science focuses on understanding basic elementary and physics concepts, with special emphasis on problem solving and critical thinking skills. Topics include measurement and motion, classification of matter, patterns in matter, changes in matter, light and sound, and energy. This course cannot be taken after Physics or Chemistry.

Biology (BIO)
PEIMS Number: 03010200
Grade Placement: 9 - 10
Credit: 1
Recommended Prerequisite: None
This course is usually taken in the sophomore year. It begins with the study of the unique properties of living organisms that set them apart from the non-living. The presentation of molecular and cellular biology gives a background for the concepts of reproduction and genetics. Other areas include ecology, classification, organ systems, dissecting and collecting techniques. STAAR tested.

Chemistry (CHEM)
PEIMS Number: 03040000
Grade Placement: 10-12
Credit: 1
Recommended Prerequisite: Biology
This course is designed to acquaint students with the building blocks and concepts of Chemistry. Some of the topics covered are classification of matter, Atomic Theory, The Periodic Table, chemical bonding, quantitative relationships, gases and qualitative analysis.

Chemistry-Honors (CHEM:H)
PEIMS Number: 03040000
Grade Placement: 10-12
Credit: 1
Prerequisite: Biology & Algebra I
This course is designed to prepare a student for their 1st year of college chemistry. The topics will include, but are not limited to the following: Atomic Structure; Understanding the Periodic Table; Chemical Bonding; Types of Reactions; Solutions and Concentration of Solutions; Gas laws; Stoichiometric calculations; Acid and Bases; Ionic Equations. There will be substantial amount of mathematics involved in each of the topics covered above, and will provide a very good foundation for the students success in college chemistry.

Physics (PHYSICS)
PEIMS Number: 03050000
Grade Placement: 11-12
Credit: 1
Prerequisites: Biology
The basic concepts of Physics are presented in this course. The central theme, the interrelationship between matter and energy, is applicable to all sciences. Mechanics, the physical system used to interpret most daily phenomena, is the first concept presented. Then, each form of energy-heat, light, electric, nuclear and the basic structure of matter are intertwined. As these interrelationships are developed, the conversion laws are demonstrated and emphasized.
Physics-Honors (PHYSICS:H) ○○
PEIMS Number: 03050000
Grade Placement: 11-12
Prerequisites: Biology, Algebra I, Geometry, and teacher recommendation
The Honors Physics course is designed to prepare the student for their first year of college physics that includes laboratory experiences. This course includes, but is not limited to, Newtonian mechanics, fluid mechanics, electricity and magnetism, waves and optics, and atomic and nuclear physics.

Principles of Technology (PRINTECH)
PEIMS Number: 13037100
Grade Placement: 10-12
Credit: 1
Prerequisites: 1 credit of Science and Algebra 1
In Principles of Technology, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices.

Food Science (FOODSCI)
PEIMS Number: 13023000
Grade Placement: 11-12
Credit: 1
Prerequisite: 3 credits of Science
In Food Science students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public.

Anatomy & Physiology (ANAT&PHY:H) ○○
PEIMS Number: 12112130*
Grade Placement: 10-12
Credit: 1
Recommended Prerequisite: Biology
This course is designed for introduction of human anatomy and physiology. The course involves a wide range of laboratory experiences and discussions for students concentrating in nursing, physical therapy, respiratory therapy, dental hygiene, pharmacology, health and physical education, as well as biology and pre-med and pre-vet programs in college.

SOCIAL STUDIES

World Geography (W GEO)
PEIMS Number: 03320100
Grade Placement: 9
Credit: 1
Recommended Prerequisite: None
This course is usually taken in the freshman year. World Geography is the study of constantly changing earth environments both physical and social. That study will be based upon the five themes of geography: LOCATION, PLACE, PEOPLE-ENVIRONMENT INTERACTION, MOVEMENT, and REGIONS. A combination of systems will be examined along with the interaction of those systems. The following systems will be analyzed: the physical earth which includes landforms, atmosphere, oceans, ecosystems, and the study of maps; societies which include civilizations, culture, diffusion of ideas, oral and written language, music, art, architecture, lifestyles; economies including technology, communication, inventions, agriculture, and industry. An awareness of our environment will be explored through research and writing.

World History (W HIST)
PEIMS Number: 03340400
Grade Placement: 10-11
Credit: 1
Recommended Prerequisite: None
World History involves an understanding of the people and events that occurred during the Ancient, Medieval, and Modern eras. Although the Greek, Roman, and Western European heritage will be emphasized, the contributions and developments of Eastern culture are to be presented for understanding.

United States History (US HIST)
PEIMS Number: 03340100
Grade Placement: 10-11
Credit: 1
Recommended Prerequisite: None
American History examines the people and events that shaped this country from the period of Reconstruction to the present time. Included in this study are the presidential administrations, foreign and domestic policies and the global wars that transformed America from an isolated country to a modern world power. Also, studied are the people and events that gradually changed the United States from a rural agricultural nation to an urban, industrial power. STAAR tested.
Related to various careers. Students will be graded on both oral and written proficiency.

This course will include activities that will enhance the student's proficiency in speaking and listening skills with a specific emphasis on Hispanic cultures and recognition of the interdependence of languages.

Recommended Prerequisite: Spanish 1

Credit: 1

Grade Placement: 9

PEIMS Number: 03340100

Spanish III (SPAN 3:H)

Back to Fine Arts Endorsement

Recommended Prerequisite: Spanish 1 and Spanish 2

Students will continue their development into the four language skills while concentrating on conversational Spanish as it relates to the work force. This course will include activities that will enhance the student's proficiency in speaking and listening skills with a special emphasis on vocabulary related to various careers. Students will be graded on both oral and written proficiency.

United States History -- Dual Credit/ AP (US HIST:D)  

Recommended Prerequisite: Teacher recommendation & contract

This course includes college courses, HIST 1301 & 1302, in United States History. It is designed to provide students with the analytic skills and factual knowledge necessary to deal critically with the problems and materials in United States history. The program prepares students for intermediate and advanced college courses by making demands upon them equivalent to those made by full-year introductory college courses. Students should learn to assess historical materials—their relevance to a given interpretive problem, their reliability, and their importance—and to weigh the evidence and interpretations presented in historical scholarship. This United States History course should thus develop the skills necessary to arrive at conclusions on the basis of an informed judgment and to present reasons and evidence clearly and persuasively in essay format. Students seeking college credit must pass the Reading portion of the TSI test or meet certain exemption qualifications. Through this course, students may earn 6 hours of college credit with Paris Junior College and high school U.S. History credit. STAAR tested.

United States Government (GOVT)

Recommended Prerequisite: None

This course is taken in the senior year. American Government is a study of the historical forces that influenced our Founding Fathers to create the Constitution at Philadelphia. This course includes a study of the structure and content of the Constitution as well as the extensions and alterations which occurred during its 200 years of existence and application.

United States Government -- Dual Credit/ AP (APUSGOVT:D)

Recommended Prerequisite: Teacher recommendation & Contract

This is a well-designed course that includes the college course, GOVT 2305, in U.S. Government and Politics that gives students an analytical perspective on government and politics in the United States. This course includes both the study of general concepts used to interpret U.S. politics and the analysis of specific examples. It also requires familiarity with the various institutions, groups, beliefs, and ideas that constitute U.S. politics. Students should become acquainted with the variety of theoretical perspectives and explanations for various behaviors and outcomes. Students seeking college credit must pass the Reading portion of the TSI test or meet certain exemption qualifications. Through this course, students may earn 3 hours of college credit with Paris Junior College and high school Government credit.

Economics (ECO-FE)

Recommended Prerequisite: None

This course is taken during the senior year. Economics emphasizes the essentials and benefits of the free enterprise economic system. Topics include profit and competition, the role of government, taxation, the roles of business and the consumer, and the interaction of the American economy in the world market.

Spanish I (SPAN 1)

Recommended Prerequisite: None

Level I of high school Spanish offers the opportunity for acquisition of four basic language skills—listening, speaking, reading and writing with an emphasis on Hispanic cultures and recognition of the interdependence of languages.

Spanish II (SPAN 2)

Recommended Prerequisite: Spanish 1

Level II continues Level I emphasis on listening and speaking skills. More complex grammatical structures are introduced and reading and writing skills are developed at a higher level of proficiency. The roles of culture and language in general are studied more in depth. Level II students are expected to have knowledge of Hispanic countries and their importance in today’s world.

Spanish III (SPAN 3:H)

Recommended Prerequisite: Spanish 1 and Spanish 2

Students will continue their development into the four language skills while concentrating on conversational Spanish as it relates to the work force. This course will include activities that will enhance the student’s proficiency in speaking and listening skills with a special emphasis on vocabulary related to various careers. Students will be graded on both oral and written proficiency.
Spanish IV  (SPAN 4) ☞
PEIMS Number:  03440400
Grade Placement:  10-12
Credit:  1
Recommended Prerequisite:  Spanish 1 and Spanish 2 and Spanish 3
Students will continue their development into the four language skills while concentrating on conversational Spanish as it relates to the work force. This course will include activities that will enhance the student’s proficiency in speaking and listening skills with a special emphasis on vocabulary related to various careers. Students will be graded on both oral and written proficiency.

### FINE ARTS

#### Theatre Arts I  (TH 1)
PEIMS number:  03250100
Grade Placement:  9-12
Credit:  1
Recommended Prerequisite:  None
Theatre Arts I is designed for the student who is interested in learning basic acting concepts, basic production concepts, voice, movement and characterization. Students will explore the production process through performance of classroom scenes and skits emphasizing learned skills in concentration, creativity, improvisation, and pantomime. These skills are learned through games, physical exercises, mental exercises and writing exercises.

#### Theatre Arts II-IV  (TH 2, TH3, TH4) ☞
PEIMS Number:  (TH 2) - 03250200, (TH 3) – 03250300, (TH 4) – 03250400
Grade Placement:  10-12
Credit:  1
Recommended Prerequisite:  Theatre Arts 1, Completion of the Preceding Level, Teacher Recommendation
The advanced levels of Theatre Arts are for students who wish to concentrate on and practice play production. The course focuses on the more advanced aspects of theatre including scene writing, directing, children’s theatre, puppetry, masks, and acting styles. Projects will consist of rehearsing, creating and performing for the public. Some after school time will be required.

#### Theatre Production 1-4 (TH1PROD) ☞
PEIMS Number:  03250700, 03250800, 03250900, 03251000
Grade Placement:  10-12
Credit:  1
Prerequisite:  Theatre Arts I
Students participate in critique, listening and commenting to others, and keeping journals or production notebooks. Students are involved with a specific aspect of the production, such as cast, technical crew, stage manager, stage crew, costume designer, wardrobe mistress, props, set designer, publicity, or support staff. Each student completes assigned tasks, demonstrating individual accountability and necessary skills and techniques. Determining the intent of the playwright and communicating intent to an audience is considered in every production decision that is made. Students learn that all facets of a theatrical production work together to achieve a common goal. Participants demonstrate personal commitment by preparing for each rehearsal. Students learn the importance of stage production etiquette.

#### Band I-IV  (MUS1BAND)(MUS2BAND) (MUS3BAND) (MUS4BAND) ☞
PEIMS Numbers:  03150100, 03150200, 03150300, 03150400
Grade Placement:  9-12
Credit:  1
Recommended Prerequisite:  Completion of Preceding Level, Teacher Permission
Students develop an appreciation of good band music and develop advanced instrumental skills through the study, rehearsal, and performance of various types of levels of instrumental music. Students are involved in the rehearsal and performance of medium to difficult band music in the marching band as well as concerts, individual and small ensemble, and U.I.L. events. Required participation in co-curricular activities range from as much as 8 hours of outside rehearsal to as little as 1 extra hour of rehearsal each week.  Students will receive ½ credit P.E. equivalency for participation in marching band each fall semester. Course may count for one credit of Fine Arts.

#### Jazz Band I-IV  (MUS1JZBN) (MUS2JZBN) (MUS3JZBN) (MUS4JZBN) ☞
PEIMS Numbers:  03151900, 03151400, 03151500, 03151600
Grade Placement:  9-12
Credit:  1
Recommended Prerequisite:  Completion of Preceding Level, Teacher Permission
Students develop an appreciation of good jazz music and develop advanced instrumental skills through the study, rehearsal, and performance of various types of levels of instrumental music. Additional performances may be required outside of class time.

#### Art I  (ART 1)
PEIMS Number:  03500100
Grade Placement:  9-12
Credit:  1
Four basic strands-- perception, creative expression/performance, historical and cultural heritage, and critical evaluation --provide broad, unifying structures for organizing the knowledge and skills students are expected to acquire in the course. By analyzing artistic styles and historical periods students develop respect for the traditions and contributions of diverse cultures.
Art II - IV Drawing (ART2DRAW, ART3DRAW, ART4DRAW)
PEIMS Number: Art II - 03500500, Art III – 03501300, Art IV - 03502300
Grade Placement: 10-12
Credit: 1
Prerequisite: Previous Art Courses
Students will rely on their perceptions of the environment, developed through increasing visual awareness and sensitivity to surroundings, memory, imagination, and life experiences, as a source for creating artworks. Students will respond to and analyze artworks, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

Choir I-IV (MUS1CHOR)
PEIMS Numbers: (MUS1CHOR) - 03150900, (MUS2CHOR) - 03151000, (MUS3CHOR) - 03151100, (MUS4CHOR) – 03151200
Grade Placement: 9-12
Credit: 1
Recommended Prerequisite: None
The Choir is designed for student who enjoys singing and wishes to improve his/her vocal technique. Students in this course learn how to read music and demonstrate these concepts throughout the year. This group is also required to participate in extra-curricular activities. Course may count for one credit of Fine Arts.

Music History (MUS1HIST)
PEIMS Number: 03152900
Grade Placement: 9-12
Credit: 1
Recommended Prerequisite: None
By reflecting on musical periods and styles, students understand music’s role in history and are able to participate successfully in a diverse society. Students analyze and evaluate music, developing criteria for making critical judgments and informed choices. Course may count for one credit of Fine Arts.

Music Theory (MUS1THY)
PEIMS Number: 03152700
Grade Placement: 12
Credit: 1
Recommended Prerequisite: Music History, Prerequisite: Teacher Recommendation
Music Theory is fostered through reading, writing, reproducing, and creating music, thus developing a student’s intellect. Through creative expression, students apply their music literacy and the critical thinking skills of music to read, write, create, and/or move. By experiencing musical periods and styles, students will understand the relevance of music to history, culture, and the world, including the relationship of music to other academic disciplines and the vocational possibilities offered. Through critical listening, students analyze, evaluate, and respond to music, developing criteria for making critical judgments and informed choices.

PHYSICAL EDUCATION

Physical Education (PEFOUND)
PEIMS Numbers: PES000052
Grade Placement: 9-12
Credit: 1
Recommended Prerequisite: None
P.E. is designed for students having average physical skills. Motor skills, fitness levels, sportsmanship, and game knowledge are learned through actual participation in team game activities.

Athletics (SUBATH1)
PEIMS Numbers: PES00000, PES00001, PES00002, PES00003
Grade Placement: 9-12
Credit: 1
Recommended Prerequisite: Coach Permission
Caddo Mills High School is a member of the University Interscholastic League’s athletic program and subscribes to its rules and regulations along with its purposes, goals and objectives. Students may earn no more than 1 credit in physical education/athletics or equivalencies for any high school program. The second, third and fourth credit will be shown on transcripts as an elective credit and will not be calculated into the student’s Grade Point Average.
The following sports constitute the program:
- Football
- Basketball
- Volleyball
- Cross Country
- Tennis
- Golf
- Softball
- Baseball
- Track & Field
- Power Lifting

All other sports are offered as after school activities and are listed below. Students in these sports who meet participation requirements may receive ½ physical education credit without being in an athletic period.
All Sports Conditioning (SUBATH1)  
PEIMS Numbers: PES00000, PES00001, PES00002, PES00003  
Grade Placement: 9-12  
Credit: 1  
This class is for students who will be competing on one of our athletic teams. This does not include student who are competing in football, volleyball, or boys or girls basketball. Students will be required to bring workout gear and suit out each day. This is primarily a conditioning class. Student will be graded daily for Behavior, Effort, Attendance, and Dress. There will be skills tests each nine weeks in the areas that are conditioned. Only athletes participating in a UIL competitive sport offered at Caddo Mills High School will be allowed in the class. Students who fail to participate in a sport will be removed from the class.

BUSINESS AND INDUSTRY

AGRICULTURE, FOOD AND NATURAL RESOURCES

Principles of Agriculture, Food, and Natural Resources (PRINAFNR)  
PEIMS Number: 13000200  
Grade Placement: 9-12  
Credit: 1  
This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations.

Agricultural Mechanics and Metal Technologies (AGMECHMT)  
PEIMS Number: 13002200  
Grade Placement: 10-12  
Credit: 1  
This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques.

Agricultural Power Systems (AGPOWSYS)  
PEIMS Number: 13002400  
Grade Placement: 11-12  
Credit: 1  
This course is designed to develop an understanding of power and control systems as related to energy sources, small and large power systems, and agricultural machinery.

Principles and Elements of Floral Design (PEFLDSN)  
PEIMS Number: 13001800  
Grade Placement: 10-12  
Credit: 1  
To be prepared for careers in floral design, students need to attain academic skills and knowledge as well as technical knowledge and skills related to horticultural systems and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. Through the analysis of artistic floral styles and historical periods, students develop respect for the traditions and contributions of diverse cultures. Students respond to and analyze floral designs, thus contributing to the development of lifelong skills of making informed judgments and evaluations.

Practicum in Agriculture, Food, and Natural Resources (PRACAFNR)  
PEIMS Number: 13002500  
Grade Placement: 11-12  
Credit: 2  
Recommended prerequisite: Principles and Elements of Floral Design  
The practicum is designed to give students supervised practical application of knowledge and skills in floral design. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. This course is recommended for students in Grades 11-12. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in floral design.

Arts, A/V Technology, and Communications

Principles of Arts, Audio/Video Technology, and Communications (PRINAAVTC)  
PEIMS Number: 13008200  
Grade Placement: 9-10  
Credit: 1  
Careers in the Arts, Audio/Video Technology, and Communications career cluster require, in addition to creative aptitude, a strong background in computer and technology applications, a strong academic foundation, and a proficiency in oral and written communication. Within this context, students 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.
Animation (ANIMAT)
PEIMS Number: 13008300
Grade Placement: 10-12
Credit: 1
Recommended Prerequisites: Art 1
Careers in animation span all aspects of motion graphics. Within this context, in addition to developing technical 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 history and techniques of the animation industry.

Printing And Imaging Technology - Yearbook I (PRIMTECH)
PEIMS Number: 13009600
Grade Placement: 10-12
Credit: 1-2
Recommended Prerequisite: Principles of Arts, Audio/Video Production and Communications, Students must make application for this course in the spring.
This course is a technical course that is designed to provide instruction in designing graphics using a computer and a variety of graphics software. Opportunities to evaluate current trends in graphic design, appreciate the value of good designs, appraise the design level related to the printing process, paper, ink, and associated elements will be included. The yearbook is designed and compiled in this course.

Advanced Printing and Imaging Technology (Yearbook II) (ADVPRIMT)
PEIMS Number: 13009700
Grade Placement: 11-12
Credit 1-2
Prerequisite: Printing and Imaging Technology, Students must make an application for this course in the spring.
Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. Within this context, in addition to developing advanced knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the printing industry with a focus on press operations.

Graphic Design & Illustration (GRAPHDI)
PEIMS Number: 13008800
Grade Placement: 11-12
Credit 1
Prerequisite: None
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.

Business and Finance
Principles of Business, Marketing, and Finance (PRINBMF)
(This class can match up with Professional Communication)
PEIMS Number: 13011200
Grade Placement: 9-11
Credit: 1/2
In Principles of Business, Marketing, and Finance, students gain knowledge and skills in economies and private enterprise systems, the impact of global business, marketing of goods and services, advertising, and product pricing. Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

Accounting I (ACCOUNT1)
PEIMS Number: 13016600
Grade Placement: 9-12
Credit: 1
Recommended Prerequisite: Algebra 1
This course introduces general accounting concepts, principles, and procedures; emphasizes the need for financial records; provides the fundamental equation and its application to accounting procedures, including the basic steps of the accounting cycle, special journals and ledgers, work sheets, adjusting and closing entries, special problems in the purchase and sale of merchandise, notes and interest, depreciation, accruals and prepaid items, payroll records, and personal income taxes. Accounting 1 develops the skills, knowledge, and attitudes necessary for individuals to conduct personal business or to further an education in the field of accounting. Students complete practice sets or simulations, use calculators, and process some data electronically.

Accounting II (ACCOUNT2)
PEIMS Number: 13016700
Grade Placement: 10-12
Credit: 1
Prerequisite: Accounting I
This course continues the study of general accounting concepts, principles, and procedures; emphasizes the need for financial records; provides the fundamental equation and its application to accounting procedures, including the basic steps of the accounting cycle, special journals and ledgers, work sheets, adjusting and closing entries, special problems in the purchase and sale of merchandise, notes and interest, depreciation, accruals and prepaid items, payroll records, and personal income taxes. This course develops the skills, knowledge, and attitudes necessary for individuals to conduct personal business or to further an education in the field of accounting. Students complete practice sets or simulations, use calculators, and process some data electronically.
Information Technologies

Principles of Information Technology (PRINIT)
PEIMS Number: 13027200
Grade Placement: 8th Grade for High School Credit
Credit: 1
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 evolving workplace environment. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

Digital and Interactive Media (DIMEDIA) Ø
PEIMS Number: 13027800
Grade Placement: 10-12
Credit: 1
Recommended Prerequisite: Principles of Information Technology
Through the study of digital and interactive media and its application in information technology, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

Web Technologies (WEBTECH)
PEIMS Number: 13027900
Grade Placement: 10-12
Credit: 1
Prerequisite: Principles of Information Technology
Through the study of web technologies and design, students learn to make informed decisions and apply the decisions to the field of information technology. Students implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students enhance reading, writing, computing, communication, and critical thinking and apply them to the information technology environment.

Computer Programming (COMPPROG)
PEIMS Number: 13027600
Grade Placement: 10-12
Credit: 1
Recommended Prerequisite: Principles of Information Technology
Students acquire knowledge of structured programming techniques and concepts appropriate to developing executable programs and creating appropriate documentation. Students analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as it relates to computer programming. Students apply technical skills to address business applications of emerging technologies.

Manufacturing

Principles of Manufacturing (PRINMAN) Ø
PEIMS Number: 13032200
Grade Placement: 9-12
Credit: 1
In Principles of Manufacturing, students gain knowledge and skills in the application, design, production, and assessment of products, services, and systems and how these knowledge and skills are applied to manufacturing. Knowledge and skills in the proper application of principles of manufacturing, the design of technology, the efficient production of technology, and the assessment of the effects of technology prepare students for success in the modern world. The study of technology allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings in a manufacturing setting. In addition to general academic and technical knowledge and skills, students gain an understanding of career opportunities available in manufacturing and what employers require to gain and maintain employment in these careers.

Welding (WELD)
PEIMS Number: 13032300
Grade Placement: 11-12
Credit: 1
Recommended Prerequisite: Algebra 1
Rapid advances in technology have created new career opportunities and demands in many industries. Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical 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.

PUBLIC SERVICES

Principles of Human Services (PRINHUSR)
PEIMS Number: 13024200
Grade Placement: 9-10
Credit: 1
This laboratory course will enable students to investigate careers in the human services career cluster, including counseling and mental health, early childhood development, family and community, and personal care services. Each student is expected to complete the knowledge and skills essential for success in high-skill, high-wage, or high-demand human services careers.
Child Development (CHILDDEV)
PEIMS Number: 13024700
Grade Placement: 10-12
Credit: 1
This technical laboratory course addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

Child Guidance (CHILDGUI)
PEIMS Number: 13024800
Grade Placement: 10-12
Credit: 1
Prerequisite: Child Development
This technical laboratory course addresses the knowledge and skills related to child growth and guidance equipping students to develop positive relationships with children and effective caregiver skills. Students use these skills to promote the well-being and healthy development of children, strengthen a culturally diverse society, and pursue careers related to the care, guidance, and education of children, including those with special needs.

Interpersonal Studies (INTERSTU)
PEIMS Number: 13024400
Grade Placement: 10-12
Credit: 1
Recommended Prerequisite: Principles of Human Services
This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Lifetime Nutrition and Wellness (LNURTWEL)
PEIMS Number: 13024500
Grade Placement: 9-12
Credit: .5-1
Laboratory course that 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.

Family and Community Services (FAMCOSRV)
PEIMS Number: 13024900
Grade Placement: 10-12
Credit: 1
This laboratory-based course is designed to involve students in realistic and meaningful community-based activities through direct service experiences. Students are provided opportunities to interact and provide services to individuals, families, and the community through community or volunteer services. Emphasis is placed on developing and enhancing organizational and leadership skills and characteristics.

Principles of Health Science (PRINHLSC)
PEIMS Number: 13020200
Grade Placement: 9-11
Credit: 1
The Principles of Health Science provides an overview of the therapeutic, diagnostic, health informatics, support services, and biotechnology research and development systems of the health care industry. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, and communicate effectively. Students should recognize that quality health care depends on the ability to work well with others.

Health Science (HLTHSCI)
PEIMS Number: 13020300
Grade Placement: 9-11
Credit: 1
Recommended Prerequisites: Biology and Principles of Health Science
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.

SCIENCE, TECHNOLOGY, ENGINEERING AND MATHEMATICS

Concepts of Engineering and Technology (CONCENGT)
PEIMS Number: 13036200
Grade Placement: 9-10
Credit: 1
Concepts of Engineering and Technology provides an overview of the various fields of science, technology, engineering, and mathematics and their interrelationships. Students will use a variety of computer hardware and software applications to complete assignments and projects. Upon completing this course, students will have an understanding of the various fields and will be able to make informed decisions regarding a coherent sequence of subsequent courses. Further, students will have worked on a design team to develop a product or system. Students will use multiple software applications to prepare and present course assignments.

Back to STEM Endorsement
Robotics and Automation (ROBOTA) ●
PEIMS Number: 13037000
Grade Placement: 10-12
Credit: 1
Recommended Prerequisite: Principles of Manufacturing
Students enrolled in this course will demonstrate knowledge and skills necessary for the robotic and automation industry. Through implementation of the design process, students will transfer advanced academic skills to component designs in a project-based environment. Students will build prototypes or use simulation software to test their designs. Additionally, students explore career opportunities, employer expectations, and educational needs in the robotic and automation industry. Students may be required to participate in robotics competitions outside of class time.

Electronics (Robotics II) (ELECTRO) ●
PEIMS Number: 13036800
Grade Placement: 11-12
Credit: 1
Prerequisite: Robotics and Automation
Students enrolled in this course will demonstrate knowledge and applications of circuits, electronic measurement, and electronic implementation. Through use of the design process, students will transfer academic skills to component designs in a project-based environment. Students will use a variety of computer hardware and software applications to complete assignments and projects. Additionally, students explore career opportunities, employer expectations, and educational needs in the electronics industry. Students will be expected to participate in robotics competitions outside of class time.

DUAL CREDIT / ONLINE COURSES
May include but is not limited to (per Counselor or Principal approval):

Medical Terminology (MEDTERM) ●
PEIMS Number: 13020300
Grade Placement: 11-12
Credit: ½
This course is designed to introduce students to the structure of medical terms, including prefixes, suffixes, word roots, combining forms, and singular and plural forms, plus medical abbreviations and acronyms. The course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Problems and Solutions - Pharmacology (PRIBSI) ●
PEIMS Number: 12701500
Grade Placement: 11-12
Credit: ½
This course is designed to introduce students to the field of pharmacology. This course allows students to prepare for careers in nursing, EMT, and pharmacists.

Law Enforcement I (LAWENFI) ●
PEIMS Number: 13029300
Grade Placement: 11-12
Credit: ½
Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. This course includes the role of constitutional law, the United States legal system, criminal law, law enforcement terminology, and the classification and elements of crime.

Law Enforcement II (LAWENFII) ●
PEIMS Number: 13029400
Grade Placement: 11-12
Credit: ½
Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. This course includes the ethical and legal responsibilities, operation of police and emergency telecommunication equipment, and courtroom testimony.

CAREER PREPARATION
Career Preparation 1-2 (CAREERP1) (CAREERP2) ●
PEIMS Numbers: (CAREERP1) - 12701300, (CAREERP2) – 12701400
Grade Placement: 11-12 (Seniors are given priority)
Credits: 2-3
Required Prerequisite: Must have transportation, Must have employment, Teacher Permission
This course is designed for juniors and seniors to work part-time and receive credit. The purpose of this course is to learn valuable work related skills while on the job. The Career Preparation teacher monitors the students while on the job and requires employer evaluations.

SPECIAL EDUCATION
Students become eligible for special education classes through an assessment of current abilities. Placement in individual classes is determined by the Admission, Review, and Dismissal (ARD) committee. Course content may vary from class to class to meet the needs of the individual within that class.
Prerequisite for special education classes: Admission by A.R.D. Committee
English-Modified I-IV
PEIMS Numbers: 03220105, 03220205, 03220305, 03220400
Grade Placement: 9 – 12
Credit: 1
Course TEKS will be modified to fit a student’s Individualized Education Plan per the annual ARD decision.

English-Alt I-IV
PEIMS Numbers: 03220107, 03220207, 03220307, 03220400
Grade Placement: 9 – 12
Credit: 1
Students enrolled in these courses receive alternate content and take the alternate end-of-course exam, if applicable.

Reading I-IV
PEIMS Numbers: 03270700, 03270800, 03270900, 9READXX4 (local credit)
Grade Placement: 9 – 12
Credit: 1
Course TEKS will be modified to fit a student’s Individualized Education Plan per the annual ARD decision.

Study Skills I – IV
PEIMS Number: 9XSSKIL1, 9XSSKIL2, 9XSSKIL3, 9XSSKIL4 (Local credits only)
Grade Placement: 9 – 12
Study Skills provides students with specialized help with other course work during a designated time each day. Students are given opportunity to complete work, receive additional instruction and retake tests during this class.

Algebra I, Geometry, Math Models, Algebra II– Modified
PEIMS Number: 03100505, 03100505, 03100605
Grade Placement: 9 – 12
Course TEKS will be modified to fit a student’s Individualized Education Plan per the annual ARD decision.

Algebra I, Geometry, Math Models, Algebra II– Alternate
PEIMS Number: 03100507, 03100607
Grade Placement: 9 – 12
Students enrolled in these courses receive alternate content and take the alternate end-of-course exam, if applicable.

Biology, Chemistry, Physics – Modified
PEIMS Number: 03010205, 03040005, 03050005
Grade Placement: 9 – 12
Course TEKS will be modified to fit a student’s Individualized Education Plan per the annual ARD decision.

Biology, Chemistry, Physics – Alternate
PEIMS Number: 03010207, 03040007, 03050007
Grade Placement: 9 – 12
Students enrolled in these courses receive alternate content and take the alternate end-of-course exam.

World Geography, World History, US History – Modified
PEIMS Number: 03320105, 03340405, 03330105
Grade Placement: 9-11
Course TEKS will be modified to fit a student’s Individualized Education Plan per the annual ARD decision.

PEIMS Number: 03320105, 03340405, 03330105, 03310300
Grade Placement: 9-11
Students enrolled in these courses receive alternate content and take the alternate end-of-course exam, if applicable.

OTHER
College Transition (CLGTRN)
PEIMS Number: N1290050
Grade Placement: 10-12
Credit: 1
College Transition is a high school course designed to equip students with the knowledge, skills, and abilities necessary to be active and successful learners both in high school and in college. Students examine numerous research-based learning strategies such as goal-setting, effective time management, handling stress, note-taking, active reading, test-taking strategies, and conduction research to name just a few. The course provides the means and training for students to research financial scholarships and grant opportunities, complete applications, and explores technical schools, colleges and universities.

English Second Language (ESL) I-III (ENG1SOL, ENG2SOL, INDENG)
PEIMS Numbers: 03200600, 03200700, 03221800
Grade Placement: 9-11
Credit: 1
Perquisite: LPAC committee placement
English language learners (ELLs) are acquiring English, learning content in English, and learning to read simultaneously. For this reason, it is imperative that reading instruction should be comprehensive and that students receive instruction in phonemic awareness, phonics, decoding, and word attack skills while simultaneously being taught academic vocabulary and comprehension skills and strategies. Reading instruction that
enhances ELL’s ability to decode unfamiliar words and to make sense of those words in context will expedite their ability to make sense of what they read and learn from reading. Additionally, developing fluency, spelling, and grammatical conventions of academic language must be done in meaningful contexts and not in isolation.

**Strides (STAAR EOC)**

PEIMS Number: Local  
Grade Placement: 9-12  
Credit: 0  
This course focuses on STAAR EOC objectives. Placement in this course is determined by student STAAR EOC scores and is a required course. Students will receive instruction that addresses the objectives not mastered on the STAAR EOC test.

**Texas Virtual School Network**

Texas Virtual School Network (TxVSN) is a state virtual network to provide supplemental, online courses for Texas students. The Texas Virtual School Network (TxVSN) courses are provided by Texas school districts, open enrollment charter schools, Education Service Centers, and Institutions of higher education. All TxVSN high school courses are aligned with the Texas Essential Knowledge and Skills (TEKS) and are led by a Texas-certified instructor. For more info, please visit www.txvsn.org or see your high school counselor.