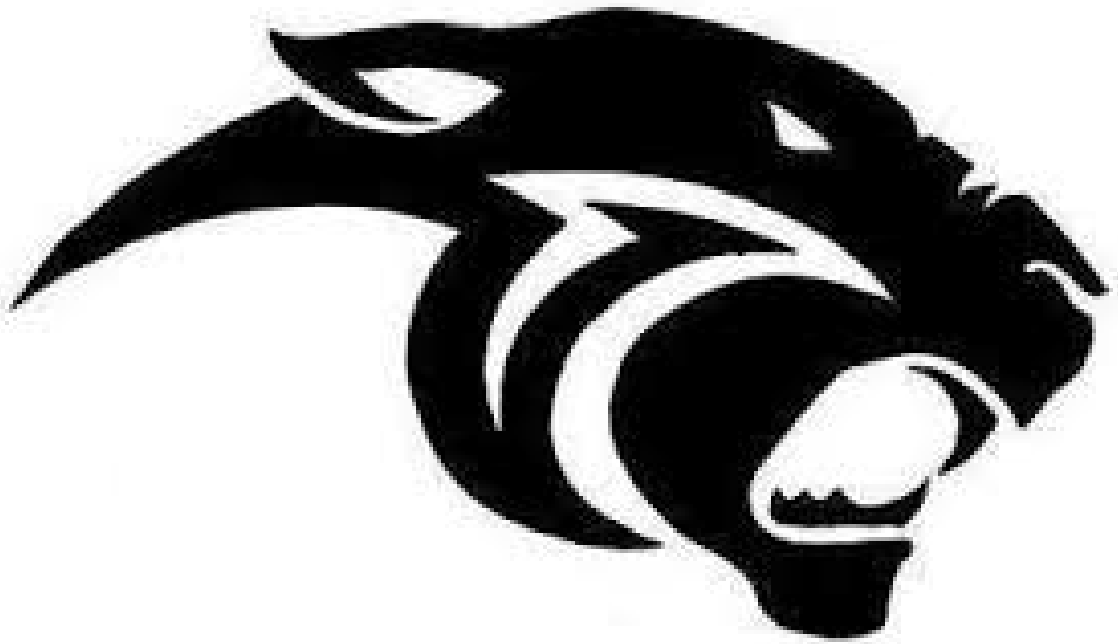


Richards ISD

Course Catalog 2022 – 2023



* All information is subject to change based upon regularly updated TEA guidelines and local policies and procedures.

It is the policy of Richards ISD not to discriminate on the basis of race, color, national origin, sex, handicap, or age, in its programs, services, employment practices, or activities as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975; and Section 504 of the Rehabilitation Act of 1973, as amended.

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Richards ISD Graduation Requirements

| CONTENT AREA | FOUNDATION HIGH SCHOOL PROGRAM # | FOUNDATION PROGRAM WITH ENDORSEMENT |
|---------------------------------|---|---|
| English Language Arts & Reading | <u>4 Credits:</u> English I English II English III English IV | <u>4 Credits:</u> English I English II English III English IV |
| Mathematics | <u>3 Credits:</u> Algebra I Geometry Additional Math | <u>4 Credits:</u> Algebra I Geometry Algebra II Additional Math |
| Science | <u>3 Credits:</u> IPC Biology Additional Lab Science | <u>4 Credits:</u> IPC Biology Chemistry or Physics Additional Lab Science |
| Social Studies | <u>3 Credits:</u> World Geography or World History U.S. History U.S. Government (1/2 credit) Economics (1/2 credit) | <u>4 Credits:</u> World Geography World History U.S. History U.S. Government (1/2 credit) Economics (1/2 credit) |
| Language Other Than English | <u>2 Credits:</u> In the same language | <u>2 Credits:</u> In the same language |
| Physical Education | 1 Credit | 1 Credit |
| Fine Arts | 1 Credit | 1 Credit |
| Professional Communications * | ½ Credit | ½ Credit |
| Health * | ½ Credit | ½ Credit |
| Electives | 4 Credits | 5 Credits |
| TOTAL CREDITS | 22 | 26 |

* District Requirements

Students must get permission to graduate under the Foundation High School Program (FHSP) without endorsements after their sophomore year if 1) the student and parent / guardian are advised by the counselor or school administrator of the benefits of graduating with one or more endorsements, and 2) the student's parent / guardian files a signed written permission TEA adopted form with the counselor and school administrator allowing the student to graduate on the FHSP without an endorsement area.

Prior to receiving a high school diploma in the State of Texas, students must:

- pass their classes, and
- receive CPR training, and
- receive instruction on how to interact with law enforcement personnel, and
- pass the state exit level End of Course exams in English I/II, Algebra I, Biology and US History, and
- be in compliance with the Texas Mandatory Attendance Law per the student handbook.

Endorsement Areas

RISD is currently able to offer 4 of the 5 state of Texas approved Endorsements. Students must complete at least four credits (in some cases five) within the sequence of courses offered for each endorsement area.

Within the **Arts and Humanities** endorsement students can choose from courses in Languages other than English, Fine Arts, and Social Studies.

Within the **Business and Industry** endorsement students can choose from courses in Agriculture, Architecture and Construction, Arts, Audio / Video, Business Management and Administration, Finance, Food and Natural Resources, Information Technology, Manufacturing, Marketing, Technology Applications, or Technology and Communications.

Within the **STEM** endorsement students can choose from courses in Career and Technical Education, Computer Science, Mathematics, and Science.

Within the **Multidisciplinary** endorsement students can choose from courses in the 4 core subjects and Dual Credit courses.

Career and Technical Education Programs of Study

| | | |
|-------------------------|---|---------------------------------|
| CTE Cluster | Agriculture, Food and Natural Resources | Architecture and Construction |
| Program of Study | Applied Agricultural Engineering | Carpentry |
| Level 1 Course | Principles of AFNR | Principles of Architecture |
| Level 2 Course | Ag Mechanics & Metal Technologies | Construction Technology I |
| Level 3 Course | Ag Structures Design & Fabrications | Construction Technology II |
| Level 4 Course | Practicum in AFNR | Practicum in Construction Tech. |
| Endorsement | Business & Industry | Business & Industry |

| | | |
|-------------------------|----------------------------------|-------------------------------------|
| CTE Cluster | Business, Marketing, and Finance | Arts, A/V, Tech. & Communications |
| Program of Study | Entrepreneurship | Digital Communications |
| Level 1 Course | Principles of BMF | Principles in AAVTC |
| Level 2 Course | Entrepreneurship I | Audio/Video Production I |
| Level 3 Course | Entrepreneurship II | Audio/Video Production II |
| Level 4 Course | Practicum in Entrepreneurship | Practicum in Audio/Video Production |
| Endorsement | Business & Industry | Business & Industry |

| | |
|-------------------------|---|
| CTE Cluster | Arts, A/V, Technology & Communications |
| Program of Study | Design & Multimedia Arts |
| Level 1 Course | Principles in AAVTC |
| Level 2 Course | Graphic Design & Illus. I / Animation I / Commercial Photo. I / Fashion Design I |
| Level 3 Course | Graphic Design & Illus. II / Animation II / Commercial Photo. II / Fashion Design II |
| Level 4 Course | Practicum in Graphic Design & Illus. / Animation / Commercial Photo. / Entrepreneurship |
| Endorsement | Business & Industry |

Distinguished Level of Achievement

To earn the Distinguished Level of Achievement students must fulfill the requirements for an Endorsement, including Algebra II.

Performance Acknowledgements

Performance Acknowledgements can be earned by:

- completing 12 hours of Dual Credit (with grades of A or B)
- Bilingualism / Biliteracy (3 years with grades of A or B)
- AP score of 3 or above
- PSAT / NMQST commended score or higher
- SAT 1310 +
- ACT 28 + (excluding writing)
- Industry Based Certification

Automatic College Admission

For a student to qualify for Automatic College Admission to a 4-year Texas public university, the graduating class size must be a minimum of ten, and the student must:

- graduate in the top 10% (or top percentage of qualified applicants for UT), and either
- earn the Distinguished Level of Achievement (an endorsement including Algebra II), or
- satisfy ACT's College Readiness Benchmarks on the ACT assessment, or on the SAT assessment earn a score of at least 1,500 out of 2,400 or the equivalent

Credit By Examination

Students, with parent permission, at any grade level, may elect to take Credit By Examination (CBE) for certain courses for acceleration purposes. Each exam may only be taken a total of two times, but each attempt must be during a different testing window as defined by the State of Texas. Those testing windows are from January 1 to March 31, April 1 to June 30, July 1 to September 30, and October 1 to December 31. Contact the counselor to inquire about these exams.

For credit purposes, a student who takes the exam without prior instruction must make an 80+ per state guidelines to receive credit. The score will be placed on the student's transcript, but will not be calculated into the student's GPA. A student who takes an exam and has had prior instruction must obtain a grade of 70+ per state guidelines.

Summer School

Richards ISD does not offer summer school courses as an option for advancement and original credit purposes. If a student wishes to attend or take a course for high school credit during the summer, they must obtain permission from the principal. The fees and expenses incurred will be paid completely by the student and their parents / guardians without reimbursement by RISD. They will have to provide the transcript and contact information from the granting accredited institution to receive credit. Students and their parents / guardians should be aware that the class schedule for the upcoming year may be affected.

Other students may wish to take credit recovery courses for failed coursework from a preceding year. Contact the counselor to arrange this. Generally, this option is reserved for rising juniors or seniors as computer-based curriculum options permit.

Dual Credit

Students have the opportunity to take more intellectually challenging and stimulating course work to earn college credit hours, saving time and money earning a college degree. These courses count as advanced level grade points (affecting graduation ranks) and will be recorded on the student's high school and college transcripts. Qualified RISD students will take the courses with Blinn College (our district's community college) online or face-to-face, or online with The University of Texas - Permian Basin (UTPB) via TXVSN.

Course offerings include English, Math, Science, Social Studies, and Art. Other dual credit coursework, including CTE courses, may be available. See available course offerings thru the links on the Richards ISD Counselor's Dual Credit website (<https://www.richardsisd.net/dualcredit>).

Courses may begin prior to the start of the RISD school year. Students and families will be responsible for tuition, fees, purchasing textbooks, communicating with the college, and having internet access available outside of the school day / year. The cost per semester per course depends upon which institution is selected and will be approximately \$100-115 per credit hour (most courses are 3 credit hours) plus the cost of textbooks and fees. Tuition and fees will be paid directly to the institution prior to the deadline. Books will be purchased via the college or other online source.

Students qualify to take dual credit courses with a 3.5 unweighted GPA and demonstrated college readiness by meeting the Texas Success Initiative Assessment 2 (TSIA2) minimum scores or exemptions below. Only Math scores need to be met to enroll in a Math dual credit course. Only ELAR and Essay scores need to be met to enroll in non-Math dual credit courses. Arrange and coordinate TSIA2 testing with the RISD school counselor or the institution before the registration deadline.

Minimum TSI assessment scores are:

- Math 950
- Reading 945
- Essay score of 5

Qualifying TSI standard exemptions include:

- ACT composite score of 23 with a minimum of 19 on each section (English / Reading / Writing / Math)
- EOC English II 4000+ (accepted by UTPB, not accepted by Blinn College)
- EOC Algebra I 4000+ and a passing grade in Algebra II (accepted by UTPB, not accepted by Blinn College)
- PSAT 460 English Reading / Writing, and 510 Math (accepted by UTPB, not accepted by Blinn College)
- SAT 480 English Reading / Writing and 530 Math

Career and College Readiness

9th – 10th grade: Research different careers and interests to determine if college is the path to be taken. Students may explore options through several websites: www.njsca.org, www.collegeboard.org, www.kudernavigator.com, www.twc.state.tx.us, etc. If you haven't already, start applying for scholarships. Plan to visit colleges of interest during the next few summers.

11th grade: Take courses that are geared to your chosen career or pre-requisites for college. If you are interested in the military, begin talking to several recruiters to get as much information as you can.

If going to college, research your options and how you are going to finance college. Some great resources are www.collegeboard.org, www.princetonreview.com, www.everychanceeverytexan.org, www.collegeforalltexans.org, www.finaid.org, etc. Plan to take your SAT (collegeboard.org) or ACT (act.org) for the first time between December and June of your Junior year. Fee waivers are available for qualifying students.

12th grade: If attending college or getting other training beyond high school, apply to at least three technical schools, colleges, or universities. Compare financial aid packages and determine which is best for you. Be aware of application and scholarship deadlines. To apply to Texas public colleges, go to www.applytexas.org. For other college and universities, see their websites for application information. Ask teachers for recommendations at least 2 weeks before needed. Retake SAT or ACT if necessary before December. Determine if you will need to take the TSI and be sure to register for it if needed. In October begin filling out the FAFSA on www.fafsa.gov for financial aid to attend college or technical school.

If you are male, you must sign up for Selective Service when you turn 18 at www.sss.gov/regver/wfregistration.

Richards ISD
GPA Calculation & Grading Scale
Class of 2015 and Beyond

Advanced

6.0 Courses: Languages Other Than English Level III and beyond
Fine Arts Level III and beyond
Pre-Advanced Placement (Pre-AP)
Advance Placement (AP)
Dual Credit
Honors
Locally designated advanced courses

Academic

5.0 Courses: All on level core courses and electives

Basic

4.0 Courses: Fundamental Courses

Types of courses that are not used to calculate GPA include but are not limited to: PE, Athletics, Cheerleading, Local Credit courses (ex: Office Aide, Driver's Ed, etc.), and any course taken in Junior High for High School credit.

Grade Weighting Table

| NUMERICAL | ADVANCED 6.0 | ACADEMIC 5.0 | BASIC 4.0 |
|-----------|--------------|--------------|-----------|
| 100 | 6.0 | 5.0 | 4.0 |
| 99 | 5.9 | 4.9 | 3.9 |
| 98 | 5.8 | 4.8 | 3.8 |
| 97 | 5.7 | 4.7 | 3.7 |
| 96 | 5.6 | 4.6 | 3.6 |
| 95 | 5.5 | 4.5 | 3.5 |
| 94 | 5.4 | 4.4 | 3.4 |
| 93 | 5.3 | 4.3 | 3.3 |
| 92 | 5.2 | 4.2 | 3.2 |
| 91 | 5.1 | 4.1 | 3.1 |
| 90 | 5.0 | 4.0 | 3.0 |
| 89 | 4.9 | 3.9 | 2.9 |
| 88 | 4.8 | 3.8 | 2.8 |
| 87 | 4.7 | 3.7 | 2.7 |
| 86 | 4.6 | 3.6 | 2.6 |
| 85 | 4.5 | 3.5 | 2.5 |
| 84 | 4.4 | 3.4 | 2.4 |
| 83 | 4.3 | 3.3 | 2.3 |
| 82 | 4.2 | 3.2 | 2.2 |
| 81 | 4.1 | 3.1 | 2.1 |
| 80 | 4.0 | 3.0 | 2.0 |
| 79 | 3.9 | 2.9 | 1.9 |
| 78 | 3.8 | 2.8 | 1.8 |
| 77 | 3.7 | 2.7 | 1.7 |
| 76 | 3.6 | 2.6 | 1.6 |
| 75 | 3.5 | 2.5 | 1.5 |
| 74 | 3.4 | 2.4 | 1.4 |
| 73 | 3.3 | 2.3 | 1.3 |
| 72 | 3.2 | 2.2 | 1.2 |
| 71 | 3.1 | 2.1 | 1.1 |
| 70 | 3.0 | 2.0 | 1.0 |
| 69 | 2.9 | 1.9 | 0.9 |
| 68 | 2.8 | 1.8 | 0.8 |
| 67 | 2.7 | 1.7 | 0.7 |
| 66 | 2.6 | 1.6 | 0.6 |
| 65 | 2.5 | 1.5 | 0.5 |
| 64 | 2.4 | 1.4 | 0.4 |
| 63 | 2.3 | 1.3 | 0.3 |
| 62 | 2.2 | 1.2 | 0.2 |
| 61 | 2.1 | 1.1 | 0.1 |
| 60 | 2.0 | 1.0 | 0.0 |
| 59 | 1.9 | 0.9 | |
| 58 | 1.8 | 0.8 | |
| 57 | 1.7 | 0.7 | |
| 56 | 1.6 | 0.6 | |
| 55 | 1.5 | 0.5 | |
| 54 | 1.4 | 0.4 | |
| 53 | 1.3 | 0.3 | |
| 52 | 1.2 | 0.2 | |
| 51 | 1.1 | 0.1 | |
| 50 | 1.0 | 0.0 | |

Course Offerings

This course planning guide contains a brief description of every course offered at Richards High School, as well as grade level requirements for specific courses and any pre-requisites. Elective courses are offered as a result of student interest. If there is insufficient enrollment for a course, or certified teachers are not available to teach the course, the course will not be offered, and an alternate listed on the student's course selection form will be used.

For students who are interested in courses not currently offered at Richards ISD, the opportunity exists for students to take courses available via TXVSN (catalog.mytxvsn.org) if scheduling allows. The student / family is required to pay the tuition, fees, and books necessary to do so. The resulting grade will be calculated into the GPA as a regular academic course and counted for credit.

ENGLISH LANGUAGE ARTS AND READING

TAC Title 19, Part II (TEA), Chapter 110

English I

Pre-requisite: None

Grade 9

Course # 1100

Credit 1

PEIMS # 03220100

English I integrates the study of composition, language, literature, and reading. Students will read and write regularly. A study of vocabulary, grammar, and study skills are embedded to develop students' critical reading and writing skills. Students will read and respond to a variety of literary genres and will develop essays through all stages of the writing process.

English II

Pre-requisite: English I

Grade 10

Course # 1200

Credit 1

PEIMS # 03220200

English II integrates the study of composition, language, literature, and reading. Students will read and write regularly. The curriculum is designed to reinforce vocabulary, grammar, and study skills previously studied in English I to further develop students' critical reading and writing skills. A thematic approach is used as students read and respond to a variety of literary genres. Students will develop essays through all stages of the writing process.

English III

Pre-requisite: English II

Grade 11

Course # 1300

Credit 1

PEIMS # 03220300

This course covers American literature from its beginning to present, studies by genres: short story, poetry, and the novel. Course enhances students' awareness of language and its importance in the modern world.

English IV

Pre-requisite: English III

Grade 12

Course # 1400

Credit 1

PEIMS # 3220400

This is a senior level course emphasizing the fundamentals of the English language through the study of British literature from 450 to 20th century. An extensive focus will be placed on composition and language practice.

Journalism

Pre-requisite: Grade of 95+ in last 4 semesters of English/ELA

Grade 9-12

Course # 1600

Credit .5-1

PEIMS # 03230100

In this course, students will write articles, feature stories, editorials and headlines. Students will also learn about the various ways of reporting.

Yearbook I-III (Yearbook III satisfies English IV credit)

Pre-requisite: Grade of 95+ in last 4 semesters of English/ELA

Grade 10-12

Course # 1700/2/3

Credit .5-1

PEIMS # 110,120,130

This course is offered for academic credit and will include reporting, editing, photography, layout and business management for creating the school yearbook. Staff must be available for after school, evening and weekend work. Staff must meet deadlines.

Business English (satisfies English IV credit)**Grade 12****Credit 1**

Pre-requisite: English III, Recommended pre-requisite: Touch Systems Course #

PEIMS # 13011600

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.

College Prep English**Grade 12****Credit 1**

Pre-requisite: Scores

Course #

PEIMS # CP110100

For students who do not meet college readiness standards. This course is designed for 12th grade students whose EOC scores, coursework, college entrance exam, or higher or Texas Success Initiative (TSI) assessment score indicated that the student is not ready for college-level coursework.

See Dual Credit section for Dual Credit English options

MATHEMATICS

TAC Title 19, Part II (TEA), Chapter 111

Algebra I**Grade 9****Credit 1**Pre-requisite: 8th Grade Math or equivalent

Course # 2100

PEIMS # 03100500

An introductory high school mathematics course that includes a study of the language and symbolism of algebra, variables and open sentences, statement problems, polynomials, graphing in the plane, systems of linear equations and inequalities, factoring, rational expressions, irrational numbers (radicals), ratio, proportion and variation. Students must demonstrate evidence of mastery prior to enrolling in a subsequent course either by passing the classroom course or the EOC. *8th grade may take with permission – GPA will NOT count*

Algebra II**Grade 9-11****Credit .5-1**

Pre-requisite: Algebra I

Course # 2400

PEIMS # 03100600

Specific units include review of factoring and simplifying algebraic expressions, systems of equations and inequalities, relations and functions (linear, quadratic, exponential and logarithmic), conic sections, exponents and logarithms, sequences and series, matrices and determinants.

Geometry**Grade 9-11****Credit 1**

Pre-requisite: Algebra I

Course # 2200

PEIMS # 03100700

Geometry combines elements of plane, solid and coordinate geometry to clearly illustrate mathematics as a deductive science.

Mathematical Models with Applications**Grade 10-12****Credit 1**

Pre-requisite: Algebra I

Course # 2300

PEIMS # 03102400

Students use a variety of representations (concrete, numerical, algorithmic and graphical) tools and technology to link modeling techniques and purely mathematical concepts to solve applied problems. *This course must be taken prior to Algebra II* to satisfy a fourth math credit, and is a computer based program.

Algebraic Reasoning**Grade 11-12****Credit 1**

Pre-requisite: Algebra I

Course #

PEIMS # 03102540

Students will continue developing mathematical reasoning related to algebraic understandings and processes by broadening their knowledge of functions and relationships through analysis and application that includes explorations of patterns and structure, number and algebraic methods, and modeling from data using tools that build to workforce and college readiness.

Mathematical Applications in Ag, Food, & Natural Resources**Grade 10-12****Credit 1**

Pre-requisite: Algebra I

Course # 2350

PEIMS # 13001000

Students will apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources.

Advanced Quantitative Reasoning**Grade 11-12****Credit .5-1**

Pre-requisite: Geometry and Algebra II

Course #

PEIMS # 03102510

Students will develop and apply reasoning, planning, and communication to make decisions and solve problems in applied situations involving numerical reasoning, probability, statistical analysis, finance, mathematical selection, and modeling with algebra, geometry, trigonometry, and discrete mathematics.

Precalculus**Grade 11-12****Credit .5-1**

Pre-requisite: Geometry, Algebra I & II

Course # 2500

PEIMS # 03101100

This course content includes transformation on parent graphs, polynomial and rational functions, conic sections, exponents and logarithms, sequences and series, right triangle and oblique triangle applications, trigonometric functions, sinusoidal models, trigonometric identities, trigonometric equations, and polar graphs.

College Prep Math**Grade 12****Credit 1**

Pre-requisite: Scores

Course #

PEIMS # CP111200

For students who do not meet college readiness standards. This course is designed for 12th grade students whose EOC scores, coursework, college entrance exam, or higher or Texas Success Initiative (TSI) assessment score indicated that the student is not ready for college-level coursework.

See Dual Credit section for Dual Credit Math options

SCIENCE

TAC Title 19, Part II (TEA), Chapter 112

Integrated Physics and Chemistry (IPC)**Grade 9-10****Credit 1**

Pre-requisite: None

Course # 3100

PEIMS # 03060201

Through an exploration of the fundamentals of chemistry and physics, this course provides the science background students need to understand their everyday surroundings. Students develop laboratory skills in the safe use of chemicals and equipment, in collecting, classifying, sequencing and presenting data in appropriate form, drawing logical conclusions, predicting outcomes and forming generalized statements.

Biology**Grade 9-11****Credit 1**

Pre-requisite: None

Course # 3200

PEIMS # 03010207

Students will conduct field and laboratory investigations, use scientific methods during investigations and make informed decisions using critical thinking and scientific problem solving. The course includes a study of structures and functions of cells and viruses; growth and development of organisms; cells, tissues and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems and plants and the environment.

Chemistry**Grade 10-12****Credit 1**

Required pre-requisite: Algebra I & 1 Science Credit

Course # 3300

PEIMS # 03040000

Students study a variety of topics that include: chemical and physical changes, atomic structure, nuclear fusion and nuclear fission, formulas, compound names, equations, chemical reaction types, mole concept and stoichiometry, behavior of gases, periodic table, bonding, solutions, equilibria, acids and bases and oxidation-reduction reactions.

Physics**Grade 10-12****Credit 1**

Recommended pre-requisite: Algebra I

Course # 3400

PEIMS # 03050000

In this course basic physical principles are taught which include Newtonian Mechanics, thermal physics, electricity and magnetism, wave and optics and atomic and nuclear physics. This course provides students with a conceptual framework, factual knowledge and analytical and scientific skills. An independent project is required. The laboratory will be used to demonstrate or emphasize the physical principals studied.

Students may take either Principles of Technology or Physics, but not both.

Principles of Technology (satisfies a Science credit) **(Level 1)**

Pre-requisite: Algebra I & 1 Science Credit

Grade 10-12

Course # 3700

Credit 1

PEIMS # 13037100

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 may take either Principles of Technology or Physics, but not both.

Environmental Systems

Recommended pre-requisite: 1 life science & 1 physical science credit

Grade 11-12

Course # 3500

Credit 1

PEIMS # 03020000

Students study a variety of topics that include: biotic and abiotic factors in habitats, ecosystems and biomes, interrelationships among resources and an environmental system, sources and flow of energy through an environmental system, relationship between carrying capacity and changes in populations and ecosystems, and changes in environments.

See Dual Credit section for Dual Credit Science options

SOCIAL STUDIES

TAC Title 19, Part II (TEA), Chapter 113

World Geography

Pre-requisite: None

Grade 9-10

Course # 4100

Credit 1

PEIMS # 03320100

In this course students will study the physical aspects of the earth, such as environment and resources and social, economic and political geography comparing the various regions of the world. The goal of this course is a general understanding of the modern physical world and the geoeconomic and geopolitical realities which underlie the modern world with the emphasis on the role of the United States and other leading world nations.

World History

Pre-requisite: None

Grade 9-10

Course # 4200

Credit 1

PEIMS # 03340400

This course surveys the chronological history of man from the development of the earliest civilization to the present along with Western civilization, the development of Russia, India, Japan, China, Africa and Latin America. Also included are geographic influences on world history and the development of the 20th century.

US History Since 1877

Pre-requisite: None

Grade 11

Course # 4300

Credit 1

PEIMS # 03340100

This course traces the emergence of the United States as a world power from the Post-Civil War period to the present, including geographic influences on the country's historical, economic, social, cultural and political developments.

US Government

Pre-requisite: None

Grade 12

Course # 4400

Credit .5

PEIMS # 03330100

This course traces the foundations, development, structures and functions of the U. S. political and governmental systems at federal, state and local levels. Participation and decision making in civic affairs is also emphasized.

Economics

Pre-requisite: None

Grade 12

Course # 4500

Credit .5

PEIMS # 03310300

This course emphasizes the benefits of the free enterprise system. Topics include supply and demand, the business cycle, incentives, labor and the factors of production, as well as the relationship of government to the American economic system, international economic relations and consumer skills.

Personal Financial Literacy

Pre-requisite: None

Grade 10-12

Course #

Credit .5

PEIMS # 03380082

Develop the knowledge and skills to make sound, informed financial decisions that will allow them to lead financially secure lifestyles and understand personal financial responsibility.

| | | |
|---|--------------------|------------------|
| Psychology | Grade 11-12 | Credit .5 |
| Pre-requisite: None | Course # 4600 | PEIMS # 03350100 |
| The computer based course is a survey of the essential theories and approaches to the study of behavior and mental processes. | | |

| | | |
|--|--------------------|------------------|
| Sociology | Grade 11-12 | Credit .5 |
| Pre-requisite: None | Course # 4700 | PEIMS # 03370100 |
| The computer based course is an introduction to the basic elements of society, cultures, social groups, social institutions and social structures. | | |

See Dual Credit section for Dual Credit Social Studies options

LANGUAGES OTHER THAN ENGLISH

TAC Title 19, Part II (TEA), Chapter 114

| | | |
|---|-------------------|-----------------|
| ASL / French / German / Spanish I | Grade 9-11 | Credit 1 |
| Pre-requisite: None | Course # | PEIMS # |
| This course is an introduction to the language. It will be taught online via Edmentum/Courseware. | | |

| | | |
|---|--------------------|------------------|
| ASL / French / German / Spanish II | Grade 10-12 | Credit 1 |
| Pre-requisite: Spanish I | Course # 6200 | PEIMS # 03440200 |
| This course is a review and further development of basic skills acquired and is a continuation of development of day-to-day communication skills. It will be taught online via Edmentum/Courseware. | | |

| | | |
|---|--------------------|------------------|
| ASL / French / German / Spanish III | Grade 11-12 | Credit 1 |
| Pre-requisite: Spanish II | Course # 6300 | PEIMS # 03440300 |
| Course is a thorough review with longer, more difficult selections. Course provides continuous opportunities to improve communication skills. It will be taught online via Edmentum/Courseware. | | |

See Dual Credit section for Dual Credit options for Languages Other Than English

Other Languages may be available via TXVSN. Students may choose to take a course in another language (including Computer Science) as long as they pay the difference between the cost of the course they choose and the amount RISD pays for the Spanish course.

HEALTH EDUCATION

TAC Title 19, Part II (TEA), Chapter 115

| | | |
|--|-------------------|------------------|
| Health | Grade 9-12 | Credit .5 |
| Pre-requisite: None | Course # 5100 | PEIMS # 03810100 |
| The course is devoted to promoting healthy living and lifestyle. It includes some sensitive materials and concepts (i.e.: reproduction, human sexuality and sexually transmitted diseases.) All topics taught are done so within the State requirements and guidelines. *8 th graders may take with permission – GPA will not be counted* | | |

PHYSICAL EDUCATION

TAC Title 19, Part II (TEA), Chapter 116

| | | |
|--|-------------------|--------------------|
| Foundations of Personal Fitness | Grade 9-12 | Credit .5-1 |
| Pre-requisite: None | Course # 5000 | PEIMS # PES00052 |
| Students develop health related fitness and an appreciation for teamwork and fair play. They will participate in a variety of sports, activities, and games. This course reinforces incorporating physical activity into a lifestyle beyond high school. | | |

Team Sports (substitutes for Foundations of Personal Fitness)**Grade 9-12****Credit .5-1**

Pre-requisite: None

Course # 5001-5002 PEIMS # PES00055

Currently available programs are volleyball, basketball, cross country, track, and baseball. These programs are regulated by the University Interscholastic League. Classes consist of conditioning activities and skill development. After school practices and games are required.

ONLY TWO FITNESS / ATHLETIC CREDITS MAY BE COUNTED TOWARDS STATE GRADUATION REQUIREMENTS. ADDITIONAL CREDITS WILL BE AWARDED AS LOCAL CREDITS ONLY AND NOT APPLICABLE TO THE REQUIRED MINIMUM NUMBER OF STATE CREDITS FOR GRADUATION.

FINE ARTS

TAC Title 19, Part II (TEA), Chapter 117

Art I**Grade 9-12****Credit 1**

Pre-requisite: None

Course # 9100

PEIMS # 03500100

This course is an introduction to basic art techniques and composition using the principles and elements of design. This course includes work in the areas of design, drawing, painting, printmaking, sculpture and ceramics with an introduction to vocabulary and art history. *8th graders may take with permission – GPA will not count*

Art II-IV**Grade 10-12****Credit 1**

Required pre-requisite: Art I

Course # 9200-9499 PEIMS #

Students will explore and develop expertise in various techniques, material and media within the chosen art form by completing various projects. Specialize in Drawing, Painting, Printmaking, Fibers, Ceramics/Sculpture, Jewelry, Photography, Digital Art and Media, or Art and Media Communications.

Theater Arts I**Grade 9-12****Credit 1**

Pre-requisite: None

Course # 9500

PEIMS # 03250100

Students will explore the four foundations: inquiry and understanding; creative expression; historical and cultural relevance; and critical evaluation and response. They will also learn how to stage, costume, and apply theatrical make-up.

Theater Arts II-IV**Grade 10-12****Credit 1**

Required pre-requisite: Theater Arts I

Course # 9502-9504 PEIMS # 200,300,400

Students will explore the four foundations: inquiry and understanding; creative expression; historical and cultural relevance; and critical evaluation and response. They will also learn how to stage, costume, and apply theatrical make-up.

See Dual Credit section for Dual Credit Social Studies options

CAREER AND TECHNOLOGY

TAC Title 19, Part II (TEA), Chapter 130

*** AGRICULTURE, FOOD AND NATURAL RESOURCES *****Principles of Agriculture, Food & Natural Resources (Level 1)****Grade 9-12****Credit 1**

Pre-requisite: None

Course # 8100

PEIMS # 13000200

To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations.

| | | |
|---|--------------------|------------------|
| Mathematical Applications in Ag, Food, & Natural Resources (Level n/a) | Grade 10-12 | Credit 1 |
| Pre-requisite: Algebra I (satisfies a Math credit) | Course # 2350 | PEIMS # 13001000 |
| Students will apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources. | | |

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| Agricultural Mechanics & Metal Technologies (Level 2) | Grade 10-12 | Credit 1 |
| Recommended pre-requisite: Principles of Agriculture | Course # 8800 | PEIMS # 13002200 |
| 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. | | |

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| Agricultural Structures Design & Fabrication (Level 3) | Grade 11-12 | Credit 1 |
| Recommended pre-requisite: Ag Mech and Metal Tech | Course # 8900 | PEIMS # 13002300 |
| Students will demonstrate principles of facilities design and fabrication related to agricultural structures. The students plan, construct, and maintain fences, corrals, and other agricultural enclosures. | | |

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| Practicum in Agriculture, Food & Natural Resources (Level 4) | Grade 11-12 | Credit 2 |
| Recommended pre-requisite: 1 credit in the AFNR cluster | Course # | PEIMS # |
| This course is for paid or unpaid capstone experience for students participating in a coherent sequence of CTE courses in the AFNR cluster. | | |

*** ARCHITECTURE AND CONSTRUCTION ***

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|--|-------------------|------------------|
| Principles of Architecture (Level 1) | Grade 9-12 | Credit 1 |
| Pre-requisite: None | Course # 8150 | PEIMS # 13004210 |
| To be prepared for careers in architecture, students must attain academic skills and knowledge in architecture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. | | |

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|---|--------------------|------------------|
| Construction Technology I (Level 2) | Grade 10-12 | Credit 2 |
| Recommended pre-requisite: Prin of Architecture/Prin of Construction | Course # | PEIMS # 13005100 |
| Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing. | | |

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|---|--------------------|-----------------|
| Construction Technology II (Level 3) | Grade 10-12 | Credit 2 |
| Pre-requisite: Construction Technology II | Course # | PEIMS # |
| Students will extend upon knowledge and skills in safety, tool usage, building materials, codes, and framing. | | |

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|--|--------------------|-----------------|
| Practicum in Construction Technology (Level 4) | Grade 11-12 | Credit 2 |
| Pre-requisite: Construction Technology II | Course # | PEIMS # |
| This course is for paid or unpaid capstone experience for students participating in a coherent sequence of CTE courses in the Architecture and Construction cluster. | | |

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|---|--------------------|------------------|
| Mill & Cabinetmaking Technology (Level 3) | Grade 10-12 | Credit 2 |
| Recommended pre-requisite: Prin of Architecture/Prin of Construction | Course # 8850 | PEIMS # 13005300 |
| Students will acquire knowledge and skills in cabinet design, tool usage, jointing methods, finishes, and industry-level practices such as numerical and computer-control production methods. | | |

*** ARTS, AUDIO/VIDEO TECHNOLOGY, AND COMMUNICATIONS ***

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|---|-------------------|------------------|
| Principles of Arts, A/V Technology & Communications (Level 1) | Grade 9-12 | Credit 1 |
| Pre-requisite: None | Course # 9130 | PEIMS # 13008200 |
| Requires, 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. | | |

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|---|-------------------------------------|--------------------------------------|
| Professional Communications (satisfies Speech credit) (Level 2) Pre-requisite: None This course will provide students with experiences in the preparation of a variety of presentations and reports, various communication experiences, including social, academic and occupational situations and communication experiences designed to enhance critical listening and evaluating skills. *8 th grade may take with permission – GPA will NOT count * | Grade 9-12 Course # 1550 | Credit .5 PEIMS # 13009900 |
| Audio / Video Production I (Level 2) Recommended pre-requisite: Principles of Arts Students will be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video activities | Grade 9-12 Course # 9141 | Credit 1 PEIMS # 13008500 |
| Audio / Video Production II (Level 3) Pre-requisite: Audio / Video Production I Students will continue to develop a greater understanding of the skills and the industry. | Grade 10-12 Course # | Credit 1 PEIMS # |
| Practicum in Audio / Video Production (Level 4) Pre-requisite: Audio / Video Production II & Lab This course is for paid or unpaid capstone experience. | Grade 11-12 Course # | Credit 2 PEIMS # |
| Animation I (Level 2) Recommended pre-requisite: Art I or Principles of Arts The student is expected to understand and apply animation principles, elements, and techniques | Grade 10-12 Course # | Credit 1 PEIMS # 13008300 |
| Animation II (Level 3) Pre-requisite: Animation I The student will have an advanced understanding and application of animation principles, elements, and techniques | Grade 11-12 Course # | Credit 1 PEIMS # 13008400 |
| Practicum in Animation (Level 4) Pre-requisite: Animation II & Lab This course is for paid or unpaid capstone experience. | Grade 11-12 Course # | Credit 2 PEIMS # |
| Digital Art and Animation (satisfies a Fine Art credit) (Level 3) Recommended pre-requisite: Art I Students will use digital imaging software to produce various real-world projects and animations. | Grade 9-12 Course # | Credit 1 PEIMS # 03580500 |
| Graphic Design & Illustration I (Level 2) Recommended pre-requisite: Principles of Arts Students employ a creative design process to create original two- or three-dimensional projects | Grade 10-12 Course # 9700 | Credit 1 PEIMS # 13008800 |
| Graphic Design & Illustration II (Level 3) Recommended pre-requisite: Graphic Design & Illustration I Students employ a deeper creative design process to create original two- or three-dimensional projects | Grade 10-12 Course # 9700 | Credit 1 PEIMS # 13008900 |
| Practicum in Graphic Design & Illustration (Level 4) Pre-requisite: Graphic Design & Illustration II & Lab This course is for paid or unpaid capstone experience. | Grade 10-12 Course # | Credit 2 PEIMS # |
| Commercial Photography I (Level 2) Pre-requisite: None Develop an understanding of the commercial photography industry with a focus on creating quality photographs. | Grade 9-12 Course # | Credit 1 PEIMS # 13009100 |

*** BUSINESS, MANAGEMENT AND ADMINISTRATION ***

Principles of Business, Marketing & Finance (Level 1)

Grade 9-11

Credit 1

Pre-requisite: None

Course # 7100

PEIMS # 13011200

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.

Touch Systems Data Entry

Grade 9-10

Credit .5

Pre-requisite: None

Course # 7400

PEIMS # 13011300

Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents.

Business Information Management I (Level 1)

Grade 9-12

Credit 1

Recommended pre-requisite: Touch Systems

Course # 7300

PEIMS # 13011400

Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.

Business English (satisfies English IV credit)

Grade 12

Credit 1

Pre-requisite: English III, Recommended pre-requisite: Touch Systems

Course #

PEIMS # 13011600

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.

*** MARKETING ***

Entrepreneurship I (Level 2)

Grade 10-12

Credit 1

Recommended pre-requisite: Principles of Business

Course #

PEIMS #

Students will gain the knowledge and skills needed to become an entrepreneur by learning the principles necessary to begin and operate a business.

Entrepreneurship II (Level 3)

Expected for school year 2023-2024 after TEA approval.

Practicum in Entrepreneurship (Level 4)

Expected for school year 2023-2024 after TEA approval.

*** SCIENCE, TECHNOLOGY, ENGINEERING & MATH ***

Principles of Technology (satisfies a Science credit) (Level 1)

Grade 10-12

Credit 1

Pre-requisite: Algebra I & 1 Science Credit

Course # 3700

PEIMS # 13037100

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 may take either Principles of Technology or Physics, but not both.

Computer Science I (Level 2)

Required pre-requisite: Algebra I

Students will be presented opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course.

Grade 9-12

Course # 2900

Credit .5-1

PEIMS # 03580200

Computer Science II (Level 3)

Required pre-requisite: Algebra I & Computer Science I

Students will gain an understanding of computer science through the study of technology operations, systems, and concepts.

Grade 11-12

Course # 2950

Credit 1

PEIMS # 03580300

LOCAL CREDIT

Students are restricted to having two local credit courses per semester their junior and/or senior year.

Office, Library, PE or Classroom Aide

Pre-requisite: Principal Approval

Assist various office, classroom, PE or library personnel and staff in procedures and duties.

Grade 11-12

Course # 1002-1006

Credit LOCAL ONLY

PEIMS # 85000AID

PE or Athletics (beyond two years)

Pre-requisite: None

Grade 11-12

Course # 5003-5004

Credit LOCAL ONLY

PEIMS # PES00002/03

SPECIAL EDUCATION PROGRAM AND FOUNDATION COURSES

Special Education services are available. An Admission, Review and Dismissal (ARD) committee determines the student schedule/coursework. The committee develops an Individual Education Plan (IEP) based on each individual's needs annually.