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BALLINGER HIGH SCHOOL
GRADUATION REQUIREMENTS

Ballinger High School students must complete requirements in two areas to receive a diploma:

- Complete the Texas High School Graduation Requirements as outlined on pages 2-5.

Students entering Grade 9 in the 2007-2008 school year up until freshman in 2014 – 2015 school year shall enroll in the necessary courses to complete the curriculum requirements for the recommended high school program specified in TAC 74.63 of this title (relating to Recommended High School Program) or the advanced program specified in TAC 74.64 of this title (relating to Distinguished Achievement High School Program - Advanced High School Program) unless the student, the student's parent or other persons standing in parental relation to the student, school counselor and school administrator agree that the student should be permitted to take courses under minimum high school program specified in TAC 74.52 of this title (relating to Minimum High School Program).

Students entering Grade 9 in the 2011-2012 school year will be required to take the State of Texas Assessments of Academic Readiness (STAAR). Students must meet standards set forth by the state in the five end-of-course examinations given in the four foundation content areas – Algebra 1, Biology, English 1, English 2, and US History.

Students entering Grade 9 in the 2014-2015 school year and thereafter shall enroll in the necessary courses to complete the curriculum requirements for the Foundation Plan and then choose an Endorsement. See more information in this course guide on each endorsement offered and what is required or see the school counselor. Any student currently in high school can choose to graduate on the new foundation program with endorsements if written notice is given to the counselor.

Texas State Graduation Requirements

(Applies **to** students entering Grade 9 in 2007-2008 through 2013-2014.)
includes HB 3 Recommendations & Revisions – Beginning 2010-2011

Discipline	Minimum Plan *(Administration approval only)*	Recommended Plan	Distinguished Plan
English Language Arts	Four credits: • English I, II, III The fourth English may be satisfied by: • English IV • Literary Genres/Practical Writing	Four credits: • English I, II, III, IV • English 1301 & I302 may satisfy English III if taken as a Jr. or English IV if taken as a Sr. • English 2311 & 2332 may satisfy English IV if taken after 1301/02 as a Sr.	Four credits: • English I, II, III, IV • English 1301 & I302 may satisfy Eng. III if taken as a Jr. or Eng. IV if taken as a Sr. • English 2311 & 2332 may satisfy English IV if taken after 1301/02 as a Sr.
Mathematics	Three credits to include: • Algebra I • Geometry • Must choose other from Algebra 2, Math Models, Pre-Calculus, AP Calculus, College Algebra	Four credits must consist of: • Algebra I • Geometry • Algebra II • Must choose other from Math Models**, Math Models-CTE*** Pre-Calculus, AP Calculus, College Algebra **if taking Math Models, it must be taken prior to Algebra II, ***after 2013 – Math Models CTE must be taken after or concurrently with Algebra II	Four credits must consist of: • Algebra I • Geometry • Algebra II • Must choose other from Pre-Calculus, AP Calculus, College Algebra (1 course – counts as one credit)
Science	Two credits to include: • Biology • Integrated Physics and Chemistry (IPC) May substitute Chemistry or Physics for IPC but must use the other as academic elective credit	Four credits must include: • Biology • Must choose other three from Integrated Physics and Chemistry** (IPC), Principles of Technology (Contextual Physics), Chemistry, Physics, AP Chemistry or Anatomy and Physiology ** if taking IPC, it must be successfully completed prior to chemistry and physics	Four credits must include: • Biology • Must choose other three from Chemistry, Physics, AP Chemistry, or Anatomy and Physiology
Social Studies	Two and one-half credits must Consists of: • World History or World Geography • U. S. History • U. S. Government	Three and one-half credits must Consists of: • World Geography • World History • U. S. History • U. S. Government	Three and one-half credits must Consists of: • World Geography • World History • U. S. History • U. S. Government
Economics	One-half credit	One-half credit	One-half credit
Academic Elective	One credit: • World History or World Geography • Any science course approved by SBOE (If substituting Chemistry or Physics for IPC, must use the other as academic elective credit)	None	None
Physical Education	One credit to include: • Foundations of Personal Fitness Can substitute: • Marching Band • Athletics	One credit to include: • Foundations of Personal Fitness Can substitute: • Marching Band • Athletics	One credit to include: • Foundations of Personal Fitness Can substitute: • Marching Band • Athletics
Language Other Than English	None	Two credits must consist of: * Any two levels in the same language	Three credits must consist of: • Any three levels in the same language
Fine Arts	One credit: • Art • Theater Arts • Band	One credit: • Art • Theater Arts • Band	One credit: • Art • Theater Arts • Band
Speech	One-half credit: • Communication Applications, Public Speaking, or Prof. Standards in Ag Business	One-half credit: • Communication Applications, Public Speaking, or Prof. Standards in Ag Business	One-half credit: • Communication Applications, Public Speaking, or Prof. Standards in Ag Business
Electives	**Seven and one-half credits**	**Five and one-half credits**	**Four and one-half credits**
Totals	**At least 22 credits**	**26 Credits**	**26 Credits**

Texas State Graduation Requirements
Distinguished Achievement Program - Advanced Measures (students entering high school before Fall of 2014)

The Distinguished Achievement Program requires high performance beyond that usually expected of students in high school. In addition to specific course requirements, the Distinguished Achievement Program requires that all students successfully complete any combination of four advanced measures that focus on demonstrated student performance at the college level or work equivalent to that done by professionals in the arts; sciences, business, industry, or in community service. These measures are judged by external sources of evaluations.

ADVANCED MEASURES

- The measures must focus on demonstrated student performance at the college or professional level.
- Student performance on advanced measures must be assessed through an external review process
- A student must achieve any combination of four of the following:

Original Research Project:

- Judged by a panel of professional in the field that is the focus of the project;
  Or
- Conducted under the direction of mentor(s) and reported to an appropriate audience; and
- Related to the required curriculum set for the in 19 TAC 74.1 (relating to Essential Knowledge and Skills.)

Original research/projects may not be used for more than two of the four advanced measures

Test Data:

- A score of three or above on the College Board Advanced Placement examination
- A score of four or above on an International Baccalaureate examination;
- A score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student for recognition as a Commended Scholar of higher by the Nation Merit Scholarship Corporation; as part of the National Hispanic Scholar Program of The College Board; or as part of the National Achievement Scholarship Program for Outstanding Negro Students of the National Merit Scholarship Corporation. The PSAT score may count as only one advanced measure regardless of the number of honors received by the student.

College Courses:

- A grade of 3.0 or higher on courses that count for college credit, including tech prep programs.

Students entering Grade 9 in 2011-2012 and later will also be required to meet requirements set forth by the Texas Education Agency on the STAAR test as well to graduate on the Distinguished Achievement Program.

Texas State Graduation Requirements

(Applies to students entering Grade 9 in 2014-2015 and after.)
includes HB 5

Discipline	Foundation Plan *(Administration approval only)*
English Language Arts	**Four credits:** • English I, II, and III • An advanced English course
Mathematics	**Three credits:** • Algebra I • Geometry • An advanced math course
Science	**Three Credits:** • Biology • Integrated Physics and Chemistry (IPC) or an advanced science course • An advanced science course
Social Studies	**Three credits:** • World History or World Geography • U. S. History • U. S. Government (1/2 credit) • Economics (1/2 credit)
Physical Education	**One Credit**
Language Other Than English	**Two credits in the same language**
Fine Arts	**One credit:** • Art • Theater Arts • Band
Speech	Demonstrated proficiency in speech skills.
Electives	**Five credits**
Totals	**At least 22 credits**

Students must then choose an endorsement from the list on the following page.

Ballinger ISD - The Endorsements

A student must complete the Foundation High School Program (22 credits), one additional math credit, one additional science credit, and two additional elective credits while completing the specific requirements of his/her selected endorsement.

STEM *Science, Technology, Engineering, & Math*	**Business & Industry**	**Public Services**	**Arts & Humanities**	**Multidisciplinary Studies**
Students may earn a STEM endorsement by selecting and completing the requirements from among these **3** options. **Note:** Algebra II, Chemistry, and Physics are required for the STEM endorsement regardless of the option the student selects from below. **Option 1: Math Option** Students take Algebra I, Geometry, and Algebra II AND two (2) of the following courses for which Algebra II is a prerequisite. • Pre-Calculus • Dual Credit College Math **Option 2: Science Option** Students take Biology, Chemistry, and Physics, AND two (2) of the following courses. • Environmental Systems • Anatomy & Physiology • Advanced Animal Science • Scientific Research & Design **Option 5: Combination Option** Students take Algebra II, Chemistry, and Physics, an additional math course, an additional science course, AND three (3) additional credits from Option 1 or Option 2	Students may earn a Business & Industry endorsement by selecting and completing the requirements from among these **2** options. **Option 1: CTE** Students earn four (4) credits by taking at least two (2) courses in the same cluster in one of the following areas • Agriculture, Food, and Natural Resources • Architecture and Construction • Arts, Audio/Video Technology, and Communication • Business Management and Administration • Finance • Hospitality and Tourism with at least one (1) advanced (3rd year or higher course in the sequence). **Option 2: English** Students take four (4) English elective credits that include three levels in one for the following areas • Public Speaking • Yearbook • Journalism	Students may earn a Public Services endorsement by selecting and completing the requirements from among this **1** option. **Option 1: CTE** Students earn four (4) credits by taking at least two (2) courses in the same career cluster in one of the following areas • Education and Training • Health Science • Human Services With a least one (1) advanced (3rd year or higher course in the sequence).	Students may earn an Arts & Humanities endorsement by selecting and completing the requirements from among this **1** option. **Option 1: Fine Arts** Students take four (4) courses in the same fine arts area for 4 credits OR Students take two (2) courses in one fine arts area AND two (2) courses in a different fine arts area (two courses in each of two different fine arts areas for 4 credits). • Art • Theater Arts • Band	Students may earn a Multidisciplinary Studies endorsement by selecting and completing the requirements from among these **3** options. **Option 1: Four by Four (4 X 4)** Students take four (4) courses in each of the four core content areas. • Four (4) English credits including English IV • Four (4) math credit • Four (4) science credits including biology and chemistry and/or physics • Four (4) social studies credits **Option 2: Dual Credit** Students take four (4) dual credit college courses for four (4) credits in English, math, science, social studies, foreign language, or fine arts. Must meet TSI and college requirements. **Option 3: CTE** Students take four advanced courses for four (4) credits that prepare them to enter the workforce or postsecondary education without remediation from within one endorsement area or among endorsement areas not in a coherent sequence.

DISTINGUISHED LEVEL OF ACHIEVEMENT
(for students entering high school in the Fall of 2014 and beyond or who are on the HB5 Graduation Plans)

A student may earn a distinguished level of achievement by successfully completing:

- A total of four credits in mathematics, which must include Algebra 2
- A total of four credits in science
- The remaining curriculum requirements
- The curriculum requirements for at least one endorsement

PERFORMANCE ACKNOWLEDGEMENTS

A student may earn a performance acknowledgement:

- For outstanding performance
    - In a dual credit course
    - In bilingualism and biliteracy
    - On an AP test or IB exam
    - On the PSAT, the ACT-Plan, the SAT, or the ACT
- For earning a nationally or internationally recognized business or industry certification or license

A student must meet on the Distinguished Level of Achievement in order to be in the top 10% of the class and be eligible for automatic admission into most colleges.

ENGLISH

English 1 Honors (1209) **grade: 9** **credit: 1**
Prereq: 90+ average for 7th and 8th grade Reading & English, review of 8th grade STAAR test scores, and 8th grade teacher evaluation.

English 1 (H) is a course designed for students having an advanced aptitude for the English language, its grammar, literature, and writing. This course requires advanced writing assignments, in-depth studies of literary genres and cultures, and the use of higher level thinking skills incorporated into oral and written assignments. In compliance with TEKS, students will interpret, critique, and analyze visual representations. Classroom instruction will incorporate listening, speaking, and literary interpretation. Students will use multimedia presentations to analyze how words, images, graphics, and sounds work together in various forms to impact meaning. Continued enrollment is dependent upon consistent demonstration of ability and task commitment.
** See Exit Criteria for English honors.

English 2 Honors (1210) **grade: 10** **credit: 1**
Prereq: **90+** averages (before weight is added) for 9th English Honors classes or a 92+ in regular English, review of STAAR test scores, 9th grade teacher evaluation.

English 2 (H) is reading and writing intensive. The course emphasizes representative samples of world literature, which is grounded in the classics, but includes selections in all genres from both ancient and modern writers of note. In addition to critical reading and analytical studies in the classroom, independent analysis of outside reading is an integral part of this course with the student incorporating the use of visual representation that communicates with others. While the course is designed to reinforce and further develop the higher level of cognitive skills of analysis, synthesis, and evaluation, a systematic review for the STAAR test will be included prior to the testing date. Students will use multimedia presentations to analyze how words, images, graphics, and sounds work together in various forms to impact meaning. Continued enrollment is dependent upon consistent demonstration of ability and task commitment. ** see Exit Criteria for English honors.

College English 1301 and 1302 will substitute as the required English 3 credit for juniors and English 4 credit for seniors who did not take 1301/1302 as juniors.

College English 1301 (1212 – Sr. & 1214 – Jr.) **grade: 11-12** **credit: *.5***
(3 Semester Hours) (Fall Only) (teacher approval)
Prereq: Principal Approval & required testing – Students must take the ACT or SAT. If the required scores are not met, students may take the TSI test. **ACT Reading** & **English score of 20 and a composite score of 23 or SAT I Critical Reading of 480 or a TSI exemption.** Student must take ACT and meet WTC and/or ASU requirements. Criteria must be in place before deadline set. All students must sign and agree to policies in the dual credit handbook.

Oral and written composition principles are major requirements of this dual credit college course. Emphasis on language study and mechanics of writing with the short composition and writing of investigative papers is stressed. In order to count this course as one advanced measure for the Distinguished Achievement Program (DAP), a student must make an A or B.

English 1301 prerequisites will be (1) 90+ average for 9th and 10th English Honors classes or a 92+ average in regular English; (2) Students must take the ACT and meet ASU entrance requirements of a 23 on it with specific scores in each subset or successfully meet TSI Assessment requirements if they are not able to make score on ACT. (3) 10th grade teacher and/or evaluation/department review. Every student registering for this class must read and sign the dual credit handbook and fill out ASU application according to policy set forth by BHS.

College English 1302 (1213 – Sr. & 1215 – Jr.) grade: 11-12 credit: *.5* (3 Semester Hours) (Spring Only) (teacher approval)
Prereq: College English 1301, Principal Approval, Required testing – Students must take the ACT or SATI. If the required scores are not met, students may take the THEA test if they are not THEA exempt from their TAKS scores. **ACT Reading** & **English score of 20 and a composite score of 23 or SAT I Verbal of 480.** Students must take ACT and meet WTC requirements. Criteria must be in place before school starts.

A continuation of College English 1301 to complete the required 6 semester hours of College English. Students will study analysis of prose narratives, poetry, drama, and film. Practice in expository and critical writing, and research methods are also a major component. In order to count this course as one advanced measure for the DAP a student must make an A or B.

ENGL 2323 (College Readings in British Literature) (1216) grade: 12 credit: .5 (Fall Only) (3 Semester Hours)
Prereq: College English 1301 & 1302, Principal Approval, Required testing - Students must take the ACT or SATI. If the required scores are not met, students may take the TSI test if they are not TSI. **ACT Reading** & **English score of 20 and a composite score of 23 or SAT I Verbal of 480 or THEA score of 230 in reading and 220 in writing.** Students must take ACT and meet WTC and/or ASU requirements. Criteria must be in place by the deadline. Students must sign and agree to the policies in the dual credit handbook.

ENGL 2324 (College Readings in American Literature) (1217) grade: 12 credit: .5 (Spring Only) (3 Semester Hours)
Prereq: College English 1301 & 1302, Principal Approval, Required testing - Students must take the ACT or SATI. If the required scores are not met, students may take the TSI test if they are not exempt. **ACT Reading** & **English score of 20 and a composite score of 23 or SAT I Verbal of 480 or THEA score of 230 in reading and 220 in writing.** Students must take ACT and meet WTC and/or ASU requirements. Criteria must be in place by deadline.

** **Exit Criteria for English Honors (9th & 10th grade) classes will be:**

1. A grade below 70 for the six weeks grading period will result in immediate removal from the Honors English class. Parents will be notified.
2. A six weeks grade between 70-79 will result in the student being placed on probation for one six weeks grading period. A parent conference may be required, with the student, teacher, and counselor to discuss areas of concern.
3. Once a student has been placed on probation for grade or standards violation, any subsequent violation in any area of the program will result in the immediate removal of the student from the English Honors program. Parents will be notified.
4. Students must maintain a grade of 80 or above for the semester to remain in Honors.
5. Students must maintain a grade of 75 to continue taking college dual credit courses.
6. Failure to meet or maintain the standards of the Honors class may result in a parent/teacher conference and possible probation. Class standards are active participation in class discussion, individual and group projects, completion of all assignments on time, and cooperation with teachers and students on all assignments.

English 1 (1109) grade: 9 credit: 1
Prereq: None
Students learn and practice various writing techniques and styles. Grammar, spelling, vocabulary, and mechanics are emphasized through written assignments and daily work. A study of literary genres is emphasized while students develop critical reading skills through written, oral, and group assignments. An enjoyment of reading is encouraged through required outside reading. In compliance with TEKS, students will be required to present oral presentations representing an analysis and understanding of visual representations and literature. The students will study and present oral and written assignments using media and other technology as it applies to this course. Students will be required to take the STAAR/EOC for English 1.

English 2 (1110) **grade: 10 credit: 1**
Prereq: English 1
Students review language skills and knowledge of the principles of good writing. The course emphasizes representative samples of world literature, which is grounded in the classics, but includes selections in all genres from both ancient and modern writers of note. The language and composition study is supplemental with more advanced techniques of writing than those in English 1. Students will also have a systematic review for the STAAR test. Students enrolled in this course

are expected to have mastered most of their Basic English and reading fundamentals. Students will be required to take the STAAR/EOC for English 2.

English 3 (1111) **grade: 11** **credit: 1**
Prereq: English 2
English 3 is a reading and writing intensive class and builds on skills learned in previous English classes. Students will engage in activities that build on their prior knowledge and skills in order to strengthen their reading, writing, and oral language skills. Incorporating pre-writing and proofreading strategies, students will write in a variety of forms, including business, personal, and literary. Students read, analyze, and respond to selections from American literature. Technology is emphasized as a component of this course.

English 4 (1112) **grade: 12** **credit: 1**
Prereq: English 3
English 4 completes the English department preparation for students who plan to attend college. The major literary focus is on British Literature, and the major composition focus is the research paper and on the term papers due each semester. As a springboard to higher education the course is reading and writing intensive.

Literary Genres (1312) **grade: 12** **credit: *1.0***
Prereq: Teacher recommendation
This course is intended for students who need to work on writing and reading skills. The course will cover general literary skills, poetry, short stories, and drama in which approximately one six weeks will be devoted to each literary area. Students analyze fictional and poetic elements of literary texts and read to appreciate the writer's craft. Students respond to texts through varied avenues such as talk, print, and electronic formats to connect their knowledge of the world with the text being read.

Journalism: 1-2-3-4 **grades: 9-12** **credit: *.5* -1**
Newspaper Production (1613) (1614) (1615) (1616)
(Local)
Prereq: A minimum 88 average in Honors English, minimum of 92 in regular English, courses and teacher approval
Journalism 1 is an introduction to print and digital journalism. There is a heavy emphasis on UIL academic journalism. Laboratory work in production of the school newspaper is a secondary emphasis. Journalism 2-3-4 includes increasingly sophisticated studies and assignments. All levels will compete in academic UIL contests.

Journalism: 1-2-3-4 **grades: 9-12** **credit: 1**
Yearbook Production (1909) (1910) (1911)
(Local)
Prereq: None
This course involves the elements and process of journalism, which are necessary to produce the school yearbook. Students with an interest in journalism will study fact gathering, interviewing, layout, graphics and design, advertising techniques, and salesmanship. Cooperation and working together for a common goal are stressed. Ads must be sold. Students might be asked to attend summer workshops. Although not necessary, students attending workshops will increase their chances of earning an editor position. Editors are selected on merit, including ability to lead, working cooperatively with others, work under a deadline, and handle stress. Seniority is not a factor in editor selection, though it is likely that more experienced staff members will qualify for this position.

MATHEMATICS

Algebra 1 (2109) **grade: 9** **credit: 1**
Prereq: none
In this course the students will continue to build on mathematical foundations and expand understanding through mathematical experiences. The course addresses the use of properties and attributes of functions, the understanding of algebra in expressing generalizations and symbolizations in representing situations, the understanding of importance of algebraic skills in solving equations and inequalities, the understanding of linear function representations and translations, the understanding of slope and intercept of linear functions and effects in real-world and mathematical situations, the formulating, solving and analyzing of solutions of equations, inequalities and systems of equations, the understanding of quadratic functions and appropriate solution methods and the understanding of models of non-linear and non-quadratic situations.

Mathematical Models With Applications (2610) **grade: 10-11** **credit: 1**
Prereq: Algebra 1; if selected as one of four math credits to fulfill graduation requirements, this course must be taken prior to Algebra II.
In this course the students will continue to build on mathematical foundations and expand understanding through mathematical experiences. The course addresses the solving of both routine and non-routine problems, the using of graphical and numerical techniques to study patterns and analyze data; the collecting and analyzing of data in order to make decisions; the using of probability models; the using of functional relationships to solve problems related to personal income; the using of algebraic formulas, graphs and amortization model to solve problems involving credits and simple & compound interest; and the using of algebraic and geometric models to describe situations, solve problems, and represent patterns and structures. Taking this course automatically places a student on the Recommended Plan unless taken as an elective.

Geometry (2114) **grade: 10-11** **credit: 1**
Prereq: Algebra 1
This course addresses the continuation of the basic understandings presented in grades K-8. The course shows the relationships between geometry, other mathematics and other disciplines. This continuation involves the understanding to the structure of geometry to one, two and three dimensional geometric figures and concepts, and to formal proof, both direct and indirect. Conjectures, properties of angles, perpendicular and parallel lines and planes, congruent triangles and their applications, similar polygons, right triangles circles, spheres, areas and volumes, constructions and loci, coordinate geometry, plane transformations, and mappings are some topics addressed. If this course is taken as a 9th grader, the student is expected to take Algebra 2 in 10th grade, Precalculus in 11th grade, and AP Calculus and/or College Algebra in 12th grade. Geometry may be taken at the same time as Math Models with Applications.

Algebra 2 (2110) **grade: 11-12** **credit: 1**
Prereq: Algebra 1 (teacher approval needed if taking without Math Models first)
In this course the students will continue to build on mathematical foundations and expand understanding through mathematical experiences. The course addresses the use of functions; the understanding of the importance of algebraic skills in solving equations and inequalities in problem situations; the formulating, solving and analyzing of systems of equations and inequalities; the connecting of algebraic and geometric representations of functions; the relating of geometric and algebraic descriptions of conic sections; the understanding of representations and translations of quadratic functions; analyzing parameters of quadratic functions; formulation, solving and analyzing solutions of equations and inequalities based on quadratic functions, square root functions, rational functions, and exponential and logarithmic functions.

Algebra 2 Honors (2112) **grade: 10-11** **credit: 1**
Prereq: Teacher approval, recommendation of math teacher
The Algebra 2 (H) course is a more comprehensive and intense course than the regular Algebra 2 course. If this course is taken as a 10th grader, the student is expected to take have taken Geometry in 9th grade, Precalculus in 11th grade and College Algebra in 12th grade. See Algebra 2 for content description. ** See Exit Criteria for Algebra Honors

** Exit Criteria for Algebra Honors class will be:

1. A grade below 70 for the six weeks grading period will result in immediate removal from the Honors Algebra class. Parents will be notified.

2. A six weeks grade between 70-79 will result in the student being placed on probation for one six weeks grading period. A parent conference will be required, with the student, teacher, and counselor to discuss areas of concern.
3. Students must maintain a grade of 80 or above for the semester to remain in Honors.
4. Failure to meet or maintain the standards of the Honors class will result in a parent/teacher conference and possible probation. Class standards are active participation in class discussion, individual and group projects, completion of all assignments on time, and cooperation with teachers and students on all assignments.
5. Once a student has been placed on probation for grade or standards violation, any subsequent violation in any area of the program will result in the immediate removal of the student from the Honors Algebra program. Parents will be notified.

Precalculus (**2116)** **grade: 11-12** **credit: *.5* or 1**
Prereq: Algebra 2 and Geometry (Teacher approval needed)
The major topics of this course will include linear, quadratic, polynomial, rational, exponential, and logarithmic functions and applications; and trigonometric functions, identies and applications. Other topics include analytic geometry, polar coordinates, sequences and arithmetic, geometric and infinite series. Limits will be introduced if time allows. This course serves as a preparation for a first-year college calculus course.

College Algebra 1314 (2912) **grade: 11-12** **credit: 1.0**
(Fall Only)
Prereq: Principal approval, ACT Math score of 19 or SAT I Math score of 530 and THEA exemption or THEA math score of 230.
This course will cover set notation, quadratic equations, and properties of real numbers, complex numbers, relations and functions, inequalities, systems of equations, matrices, sequences, series, and logarithms. In order to count this course as one advanced measure for the DAP; a student must make an A or B.

Plane Trigonometry 1316 (2913) **grade: 11-12** **credit: *.5***
(Spring Only)
Prereq: Principal approval, ACT Math score of 19 or SAT I Math score of 530 and THEA exemption or THEA math score of 230. Student must have a “C” or better in MATH 1314 (College Algebra)
This course will cover Trigonometric functions; solutions of triangles; trigonometric equations and identities; and inverse trigonometric functions.

STAAR Math (2409) **grade: 9-12** **credit: 1 - local credit**
Prereq: Principal approval
This course is designed to remediate students who have not passed the STAAR test or who need extra help in mathematics.

SCIENCE

Integrated Physics and Chemistry (3120) **grade: 9 – 10** **credit: 1**
Prereq.: None
Students will conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. This course integrates physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry. This course must be taken before Chemistry or Physics. If you are in the class of 2017 or before - taking this course automatically places a student on the Recommended Plan unless taken as an elective. Starting with the class of 2018 and later, this does not apply.

Biology (3110) **grade: 9 - 10** **credit: 1**
Prereq: Integrated Physics and Chemistry, open to grade 9 by teacher recommendation
Students conduct field and laboratory investigations, using methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Student will study a variety of topics that include: 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. Review for the Biology STAAR test is a strong component in this course.

Biology (H) (3210) **grades: 9** **credit: 1**
Prereq: 85 or above average in Junior High Science or Integrated Physics and Chemistry, teacher recommendation and scores on exam taken in 8th grade.
The Biology (H) includes but not limited to those topics regularly covered in Biology 1. Biology 1 (H) differs from the range and depth of topics covered, the kind of laboratory work done by students, and the time and effort required of students. The goal of this course aims to provide students with conceptual framework, factual knowledge and analytical skills necessary to deal critically with the rapidly changing science of biology. Students should follow this course with Chemistry (H) as a sophomore, and Physics (H) as a junior. Review for the Biology STAAR test is a strong component in this course.

Chemistry (3111) **grades: 10-12** **credit: 1**
Prereq: Algebra 1, open to grade 10 by teacher recommendation
Students conduct field and laboratory investigations, using methods during investigations and make informed decisions using critical thinking and scientific problem solving. Students will study a variety of topics that include: characteristics of matter, energy transformation during physical and chemical changes, atomic structure, periodic table of elements, behavior of gases, bonding, nuclear fusion and nuclear fission, oxidation reduction reaction, chemical equations, solutes, properties of solutions acids and bases, and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives. For students entering in the 2014-2015 school year, Chemistry or Chemistry (H) is required for distinguished achievement plan, a STEM endorsement and the Multidisciplinary endorsement.

Chemistry (H) (3211) **grades: 10** **credit: 1**
Prereq: Algebra 1**,** Biology
Students conduct field and laboratory investigations, use methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students will study a variety of topics that include: characteristics of matter, energy transformation during physical and chemical changes, atomic structure, periodic table of elements, behavior of gases, bonding, nuclear fusion and nuclear fission, oxidation reduction reaction, chemical equations, solutes, properties of solutions, acids and bases, and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives. Review for the Science TAKS test is a strong component of this course. For students entering in the 2014-2015 school year, Chemistry or Chemistry (H) is required for distinguished achievement plan, a STEM endorsement and the Multidisciplinary endorsement.

Physics (3214) **grades: 11-12** **credit: 1**
Prereq: Algebra 2 (may be taken concurrently), Biology, Chemistry
Students conduct field and laboratory investigations, using methods during investigations and make informed decisions using critical thinking and scientific problem solving. Student will study a variety of topics that include: laws of motion, changes within physical systems and conservation of energy and momentum, force thermodynamics, characteristics and behavior of waves, and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills. For students entering in the 2014-2015 school year, Physics or Physics (H) is required for distinguished achievement plan, and STEM endorsement.

Physics (H) (3212) **grades: 11** **credit: 1**
Prereq: Algebra 2 (may be taken concurrently), Biology, Chemistry
Students conduct field and laboratory investigations, using methods during investigations and make informed decisions using critical thinking and scientific problem solving. Student will study a variety of topics that include: laws of motion, changes within physical systems and conservation of energy and momentum, force thermodynamics, characteristics and behavior of waves, and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills. For students entering in the 2014-2015 school year, Physics or Physics (H) is required for distinguished achievement plan, and STEM endorsement.

Anatomy & Physiology (3711) **grades: 12** **credit: 1**
Prereq: Biology, Chemistry
Investigations are used to learn about the natural world through questioning, observing, and drawing conclusions. The student will conduct laboratory investigations and fieldwork using safe, environmentally appropriate and ethical practices. Critical thinking and scientific problem solving to make informed decisions will be used as the following areas are covered: energy needs of the human body and the processes through which these needs are fulfilled, responses of the human body to internal and external forces, body processes that maintain homeostasis, electrical conduction processes and interactions and knowledge of the body's transport systems, environmental factors that affect the human body, physiological functions, can be used to meet the qualifications for the STEM endorsement.

Anatomy & Physiology (H) (3712) **grades: 12** **credit: 1**
Prereq: Biology, Chemistry, Teacher approval
Investigations are used to learn about the natural world through questioning, observing, and drawing conclusions. The student will conduct laboratory investigations and fieldwork using safe, environmentally appropriate and ethical practices. Critical thinking and scientific problem solving to make informed decisions will be used as the following areas are covered: energy needs of the human body and the processes through which these needs are fulfilled, responses of the human body to internal and external forces, body processes that maintain homeostasis, electrical conduction processes and interactions and knowledge of the body's transport systems, environmental factors that affect the human body, physiological functions, can be used to meet the qualifications for the STEM endorsement.

Earth and Space Science (3215) **grades: 11-12** **credit: 1**
Prereq: Biology
Students conduct field and laboratory investigations, using methods during investigations and make informed decisions using critical thinking and scientific problem solving. Student will study a variety of topics that include: the origin, evolution, and properties of Earth and planetary systems within a chronological framework, stars, the galaxies the universe, the geosphere, hydrosphere, cryosphere, and atmosphere.

Environmental Systems (3216) **grades: 11-12** **credit: 1**
Prereq: Biology; teacher approval
In Environmental Systems, students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. 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. Review for the Biology STAAR is a strong component of this class.

** Exit Criteria for Science Honors classes will be:

1. A grade below 70 for the six weeks grading period may result in immediate removal from the Honors Science class. Parents will be notified.
2. A six weeks grade between 70-79 will result in the student being placed on probation for one six weeks grading period. A parent conference will be required, with the student, teacher, and counselor to discuss areas of concern.
3. Students must maintain a grade of 80 or above for the semester to remain in Honors.
4. Failure to meet or maintain the standards of the Honors class will result in a parent/teacher conference and possible probation. Class standards are active participation in class discussion, individual and group projects, completion of all assignments on time, and cooperation with teachers and students on all assignments.
5. Once a student has been placed on probation for grade or standards violation, any subsequent violation in any area of the program will result in the immediate removal of the student from the Science Honors program. Parents will be notified.

BHS Science (Scientific Research & Design) (3415) **grade: 9-12** **credit: 1**

Prereq: UIL Sponsor approval

Students will extend their science and computer science understanding. In the fall semester students will participate in a Robotics contest. In the spring students will be expected to use skills and knowledge gained in U.I.L. Competition. This course can be used to meet the requirements for a STEM endorsement.

SOCIAL STUDIES

World Geography (4109) **grades: 9-10** **credit: 1**
Prereq: None, but will be reserved for students who are on Multi-disciplinary endorsement.
In World Geography Studies, students examine people, places, and environments at local, regional, national, and international scales. Students will describe the influence of geography on events of the past and present. A significant portion of the course centers around the physical processes that shape patterns in the physical environment; the political economic, and social processes that shape cultural patterns of regions; the distribution and movement of world population; relationships among people, places, and environments; and the concept of regions. Students identify the processes that influence political divisions and economic differences of the planet. Students compare how components of culture shape the characteristics of a region. Students will also use problem-solving and decision-making skills to ask and answer geographic questions.

World History (4210) **grades: 9** **credit: 1**
Prereq: None
World History offers students an overview of the entire history of humankind. The major emphasis is on the study of significant people, events, and issues from the earliest times to the present. Students analyze important events and issues in western civilization as well as civilizations in other parts of the world; Students evaluate the causes and effects of political, economic, and industrial revolutions since the 17th century. Students examine the impact of geographic factors on historical events. Students analyze the process by which different governments have evolved as well as the ideas from historic documents that influenced the process. Students examine the impact of major religious traditions. Students trace the development of science and technology and their effect on societies.

U.S. History **grade: 11** **credit: 1**
Since Reconstruction (4311)
Prereq: None
The content of American History covers significant people, issues, and events after 1850 (Civil War to the present). We review the New Nation (1492-1850), the Civil War era, rebuilding of the South, emergence of Industrial America, new frontiers and new resources, urban American Society, Society and Politics in the Gilded Age, Rising protests, the Progressive Movement, the Progressive Presidents, a force in the world, expanding in Latin America, World War 1, roaring twenties, Hoover and the Depression, New Deal, between the wars, World War 2, Truman's years, Eisenhower's years, politics of conflict and hope, Civil Rights Movement, Vietnam War, Vietnam to Watergate, a time of doubt, Reagan and the 1980's toward the year 2008.

College History (4713) **grades: 11** **credit: 0.5 (High School)**
U. S. History I (HIST 1301) **(Fall Semester)** **3 Semester Hours (College)**
Prereq: Principal approval, ACT 23 or SAT I verbal score of 45 1 Pass Reading & Writing of TSI Assessment
This course may be taken in lieu of U.S. History 4311, first semester. It is offered through Western Texas College on the campus of Ballinger High School. It may be used as an Advanced Measure for graduation in the Distinguished Achievement Program if the student makes an A or B. This course is also offered as an acceleration option in the Social Sciences for students in the Gifted and Talented program. Students must take the ACT and meet WTC entrance requirements. Every student registering for this class must read and sign the dual credit handbook and fill out WTC application according to policy set forth by BHS.

College History (4714) **grades: 11** **credit: 0.5 (High School)**
U. S. History II (HIST 1302) **(Spring Semester)** **3 Semester Hours (College)**
Prereq: Principal approval, HIST 1301, ACT 23 or SAT I verbal score of 45 1 or Pass Reading & Writing of TSI Assessment
This course may be taken in lieu of U.S. History 4311, second semester. It is offered through Western Texas College on the campus of Ballinger High School. It may be used as an Advanced Measure for graduation in the Distinguished Achievement Program if the student makes an A or B. This course is also offered as an acceleration option in the Social Sciences for students in the Gifted and Talented program.

U.S. Government (4412) **grade: 12** **credit: *.5***
Prereq: None
In U.S. Government, the focus is on the principles and beliefs upon which the United States was founded and on the structure, functions, and powers of government at the national, state, and local levels. Students learn major political ideas and forms of government in history. A significant focus of the course is on the U.S. Constitution, its underlying principles and ideas, and the form of government it created. Students analyze major concepts of republicanism, federalism, checks and balances, separation of powers, popular sovereignty, and individual rights. An emphasis is also placed on concepts of political participation, leadership, decision-making, nature of laws, and the rights and responsibilities of American citizenship. The course also includes a study of the Texas Constitution as required by law.

College Government (4712) **grades: 12** **credit: *.5***
3 Semester Hours (College) **(Fall Semester**) **(High School)**
American Government-Government 2305
Prereq: Principal Approval, ACT 23 or SAT I verbal score of 451 Pass Reading & Writing of TSI Assessment
This course covers U. S. Government and may be taken in lieu of U.S. Government 4412. It is offered through Western Texas College on the campus of Ballinger High School. It may be used as an Advanced Measure for graduation in the Distinguished Achievement Program if the student makes and A or B. This course is also offered as an acceleration option in the Social Sciences for students in the Gifted and Talented program. Students must take the ACT and meet WTC entrance requirements. Many students also choose to take GOVT 2306 the second semester.

Economics with Emphasis on the
Free Enterprise System (4512) **grade: 12** **credit: .5**
Prereq: None
A complete study of the Free Enterprise System, including history of the elements which make up Free Enterprise and a comparison to other economic systems. We study basic economic concepts (supply, demand, business, labor, inflation, etc.) and the role of our government in business. The last 6 weeks is spent teaching consumer economics (credit, savings, insurance, budgeting, home ownership, etc.).

College Economics (4511)
3 Semester Hours (College) **grade: 12** **credit: .5**
Principles of Economics (ECON 2301)
Prereq: Principal Approval, ACT 23 or SAT I verbal score of 451 Pass Reading & Writing of TSI Assessment
This course covers the Principles of Economics and may be taken in lieu of Economics with Emphasis on the Free Enterprise System. It is offered through Western Texas College on the campus of Ballinger High School. It may be used as an Advanced Measure for graduation in the Distinguished Achievement Program if the student makes and A or B. This course is also offered as an acceleration option in the Social Sciences for students in the Gifted and Talented program. Students must take the ACT and meet WTC entrance requirements.

FINE ARTS

BAND IS A FULL YEAR COURSE WITH CREDIT DIVIDED BETWEEN P.E. AND FINE ARTS CREDIT. FALL SEMESTER COUNTS AS PHYSICAL EDUCATION CREDIT AND SPRING SEMESTER COUNTS AS FINE ARTS CREDIT.

Marching Band 1-4 (5209) (5210) (5211) (5212)
(Fall Semester Only) grades: 9-12 credit: .5
Prereq: Band Director's Approval
Students develop an appreciation of marching band music and develop advanced physical skills needed to march. Students are involved in the rehearsal and performance of band music at football games, pep rallies, marching band contests, individual contests, and U.I.L. events. This is a performance class with students required to participate in all activities.

Concert Band 1-4 (5109) (5110) (5111) (5112)
(Spring Semester Only) grades: 9-12 credit: *.5*
Prereq: Band Director's approval
Students develop an appreciation of good band music and develop advanced instrumental skills through the study, rehearsal, and performance of various types and levels of instrumental music. Through creative performance, students apply the expressive technical skills of music and critical-thinking skills to evaluate multiple forms of problem solving. By reflecting on musical periods and styles, students develop an understanding of music's role in history and are able to participate successfully in a diverse society. Students analyze and evaluate music by developing criteria for making critical judgments and informed choices. Students are involved in the rehearsal and performance of band music in the concert band, solo and ensembles, individual contests, and U.I.L. events. This class will **not be averaged** in for class rank, honor graduates, and NHS. This is a performance class with students required to participate in all activities.

Jazz Band 1 (5113), Jazz 2 (5115), Jazz 3 (5119) grades: 9-12 credit: 1
Prereq: Students enrolled in Marching/Concert Bands may enroll at will. All other interested students must schedule an audition with Band Director before being admitted to the course.
This course includes selected instrumentation for students desiring to play jazz style music. This is a performance class with students required to participate in all activities.

Art 1 (5309) grades: 9-12 credit: 1
Prereq: None
The course is primarily devoted to deliberate and systematic presentations of various art processes, procedures, theories, and historical developments. The approach to art experiences during this time is experimental in terms of materials but structured in terms of providing students a strong foundation in design and vocabulary.

Art 2 - Ceramics (5322) grades: 10-12 credit: 1
Prereq: Art I and teacher approval
Basic course primarily devoted to deliberate and systematic presentation of ceramics with studies on methods including, but not limited to, hand building and wheel throwing, glaze applications, decorative techniques, and firing. Note: if you have already taken Art 2 – Drawing, you can still take this since it is Art 2 – Ceramics. Due to limited space you may be placed in advanced Art Drawing depending on availability.

Art 3 - Ceramics (5323) grades: 11-12 credit: 1
Prereq: Art I, Art 2 Ceramics and teacher approval
Course primarily devoted to deliberate and systematic presentation of ceramics with studies on methods including, but not limited to, hand building and wheel throwing, glaze applications, decorative techniques, and firing. Due to limited space you may be placed in advanced Art Drawing depending on availability.

Art 4 - Ceramics (5324) grades: 12 credit: 1
Prereq: Art I, Art 2 Ceramics, Art 3 Ceramics and teacher approval
Course primarily devoted to deliberate and systematic presentation of ceramics with studies on methods including, but not limited to, hand building and wheel throwing, glaze applications, decorative techniques, and firing. Due to limited space you may be placed in advanced Art Drawing depending on availability.

Art 2 – Drawing (5310) **grades: 10-12** **credit: 1**
Prereq: Art I and teacher approval
The second year of art continues as a basic course, primarily devoted to deliberate and systematic presentations of various art processes, procedures, theories, and historical development. The approach to art experiences during this time is experimental in terms of materials but structure in terms of providing students a strong foundation in design and vocabulary. Due to limited space you may be placed in advanced Art Ceramics depending on availability.

Art 3 – Drawing (5313) **grades: 11-12** **credit: 1**
Prereq: Art I, Art 2, and teacher approval
The third year of art continues as a basic course, primarily devoted to deliberate and systematic presentations of various art processes, procedures, theories, and historical development. The approach to art experiences during this time is experimental in terms of materials but structure in terms of providing students a strong foundation in design and vocabulary. Due to limited space you may be placed in advanced Art Ceramics depending on availability.

Art 4 – Drawing (5314) **grades: 12** **credit: 1**
Prereq: Art I, Art 2, Art 3 and teacher approval
The fourth year of art continues as a basic course, primarily devoted to deliberate and systematic presentations of various art processes, procedures, theories, and historical development. The approach to art experiences during this time is experimental in terms of materials but structure in terms of providing students a strong foundation in design and vocabulary. Due to limited space you may be placed in advanced Art Ceramics depending on availability.

Theatre Arts 1 (5409) **grades: 9-12** **credit: 1**
Prereq: None; students wishing to be in the Fall Production and/or One-Act Play are urged to enroll in a Theatre Arts class.
Theater is a performing art. In this course the student will explore a brief history, the personnel, and organization of the theater. The student will become involved with voice and diction training, body movement, improvisation and pantomime. During the year the student will be expected to analyze and perform acting scenes and plays, both for class and public performances (including for peers and/or general public). The student will be introduced to basic technical aspects of production. Students will perform on and off stage and will be required to view, analyze, and evaluate performances. The TEKS will be incorporated throughout the year in classroom activities and assignments.

Theatre Arts 2 (5410) **grades: 10-12** **credit: 1**
Prereq: Theater Arts I or teacher approval; students wishing to be in the Fall Production and/or One-Act Play are urged to enroll in a Theatre Arts class.
Continuing the acting program, this course emphasizes different acting styles. The actor will learn to communicate more effectively with voice, body, and imagination. Audition exercises and group scenes will allow the actor to expand his skills. Directing is also incorporated so students will have a working knowledge of acting and production techniques. Script analysis, stage movement and communication skills develop as the student directs and acts in a diverse selection of plays. Students will work on independent projects. Acting, directing, and literary assignments will be adapted to the student's needs in this advanced course. Increased time will be devoted to the technical aspects of theater. Emphasis will be on color theory in lighting, settings, costumes, and the fundamentals of stage make-up and special effects of make-up. The intent of the course is the actual use and application of all ideas. The TEKS will be incorporated throughout the year in classroom activities and assignments.

Theatre Arts 3 (5411) & Theatre Arts 4 (5413) grades: 11-12 **credit: 1**
Prereq: Theater Arts I & II (&III if taking Th. Arts IV) or teacher approval; students wishing to be in the Fall Production and/or One-Act Play are urged to enroll in a Theatre Arts class. Continuing the acting program, this course emphasizes different acting styles. The actor will learn to communicate more effectively with voice, body, and imagination. Audition exercises and group scenes will allow the actor to expand his skills. Directing is also incorporated so students will have a working knowledge of acting and production techniques. Script analysis, stage movement and communication skills develop as the student directs and acts in a diverse selection of plays. Students will work on independent projects. Acting, directing, and literary assignments will be adapted to the student's needs in this advanced course. Increased time will be devoted to the technical aspects of theater. Emphasis will be on color theory in lighting, settings, costumes, and the fndamentals of stage make-up and special effects of make-up. The intent of the course is the actual use and application of all ideas. The TEKS will be incorporated throughout the year in classroom activities and assignments.

SPEECH

Professional Communications (1813) **grades: 9-12** **credit: .5**

Prereq: None

Speech Communications counts as the Speech course required for graduation under the minimum, recommended, and DAP. Through games, exercises, and activities the students become aware of the strategies of communication used in social situations. The course brings about an understanding of the role of communication in our personal lives and in our society. The student is also introduced to various speaking situations and learns how to conduct research for information, organize the material, and present ideas to an audience.

Public Speaking (1-2-3-4) **grades: 9-12** **credit: 1**
(5506) (5507) (5508) (5509) (4th yr. local credit)

Prereq: UIL Sponsor Approval; **must interview with speaking sponsors**

This course is for serious students that are willing to make a commitment to excelling in a selected area of study. Extensive research, analysis and speaking are required. This course is regulated by contract agreement between teacher and student. Self-discipline and motivation are necessary for the student to be successful. An oral performance demonstrating the area of study is a requirement. Students will perform, evaluate, and critique other students' performances throughout the year. The TEKS will be incorporated throughout the year in classroom activities and assignments. The fall semester can count as speech credit the first time it is taken, but student must stay in the whole year. Participation in UIL events is required. Failure to comply with class requirements will result in removal from the course.

Principles of Agriculture, Food, and Natural Resources (7103) **grades: 9-12** **credit: 1.0**

Fall Semester is the one where Professional Communications is taught concurrently.

Prereq: None

Entry level class that will prepare students for later Ag Science classes. Many topics will be covered including Basic Plant and Animal Science, record keeping, significance of Agriculture both nationally and globally, leadership and public speaking, parliamentary procedure, shop safety and basic shop procedures.

U.I.L./RESEARCH

Public Speaking 1-2-3-4) **grades: 9-12** **credit: 1 (Elective Credit)**
(5506) (5507) (5508) (5509) (4th yr. local credit)

Prereq: UIL Sponsor Approval; **must interview with speaking sponsors**

This course is for serious students that are willing to make a commitment to excelling in a selected area of study. Extensive research, analysis and speaking are required. This course is regulated by contract agreement between teacher and student. Self-discipline and motivation are necessary for the student to be successful. An oral performance demonstrating the area of study is a requirement. Students will perform, evaluate, and critique other students' performances throughout the year. The TEKS will be incorporated throughout the year in classroom activities and assignments. The fall semester can count as speech credit the first time it is taken, but student must stay in the whole year. Participation in UIL events is required. Failure to comply with class requirements will result in removal from the course.

U.I.L. Math (2120) **grades: 9-12** **credit: 1 (Local credit)**

Prereq: UIL Sponsor Approval

Students will extend their mathematical understanding beyond the Algebra 2 level in a specific area or areas of mathematics, such as theory of equations, number theory, non-Euclidean geometry, advanced survey of mathematics, or history of mathematics. Students will be expected to use skills and knowledge gained in U.I.L. competition.

BHS Science (Scientific Research & Design) (3415) **grade: 9-12** **credit: 1**

Prereq: UIL Sponsor approval

Students will extend their science and computer science understanding. In the fall semester students will participate in a Robotics contest. In the spring students will be expected to use skills and knowledge gained in U.I.L. Competition. This course can be used to meet the requirements for a STEM endorsement.

CAREER AND TECHNICAL EDUCATION

AGRICULTURAL SCIENCE AND TECHNOLOGY

Principles of Agriculture, Food, and Natural Resources (7103)
grades: 9-12 credit: 1.0
Prereq: None
Entry level class that will prepare students for later Ag Science classes. Many topics will be covered including Basic Plant and Animal Science, record keeping, significance of Agriculture both nationally and globally, leadership and public speaking, parliamentary procedure, shop safety and basic shop procedures.

Professional Standards (7101) **grades: 9-12 credit: 1.0**
Prereq: Teacher Approval and Interview required
This is a course that will require you to compete in CDE and LDE. Please see Ag. Science Teachers for more information.

Livestock Production (7105)
(Only one semester) **grades: 9-12 credit: .5**
Recommended Prereq: Principles of Agriculture, Food, and Natural Resources
A more in depth look at Animal Sciences and Animal Systems including Anatomy and Physiology, common veterinary practices, animal identification, reproduction pests and diseases and marketing of animals and products.

Wildlife, Fisheries, and Ecology Management (7117)
(Only one semester) **grades: 9-12 credit: .5**
Recommended Pre-Requisite: Principles of Agriculture
Course covers Wildlife management as well as fish and aquaculture. Students will discuss the affects of hunting and fishing on game populations as well as a rules and regulations that apply to hunting and fishing.

Agricultural Mechanics and Metal Technologies (7118)
grades: 10-12 credit: 1
Recommended Prereq: Principles of Agriculture, Food, and Natural Resources , Agriculture Facilities Design and Fabrication.
Students will continue to learn to weld using Arc, MIG, and TIG methods and use various methods in cutting metal. Other topics covered will be shop safety, basic carpentry, plumbing, concrete work and basic maintenance of equipment.

Advanced Animal Science (7124) **grades: 11-12 credit: 1**
Pre-Requisite: Livestock Production
An extremely in depth look at Animal Sciences. Students will have experiences that will include lab work and research of animal systems. All aspects of Animal Science will be covered including Anatomy and Physiology, Evaluating Livestock, Genetics, Feeds and Feeding, Animal Health and Record Keeping. Will count as a Science credit if on new HB5 graduation plan.

Agricultural Facilities Design and Fabrication (7119)
grades: 10-12 credit: 1
Recommended Prereq: Principles of Agriculture, Food, and Natural Resources , Agriculture Mechanics and Metal Technologies
Students will use welding skills already learned and continue to expand on them to build projects in the shop setting. Students will be required to design and build projects related to agriculture and estimate costs and materials needed.

Practicum In Agriculture (7123) **grades: 11-12 credit: 2.0 – 3.0**
Pre-Requisite: Teacher Approval
Student will undertake a project that is self paced. Can pertain to any avenue of Agriculture including but not limited to Agriculture Mechanics, Animal Sciences, or Wildlife. In depth records will be kept and put into a final presentation. Ideas and plans will be presented to the teacher for approval.

Horticulture Science (7114)
(Fall Only) **grades: 10-12** **credit: .5**
Recommended Prereq: Principles of Ag
To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to horticulture and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings. This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.

Landscape Design and Turf Grass Management (7115)
(Spring Only) **grades: 10-12** **credit: .5**
Recommended Prereq: Principles of Ag
To be prepared for careers in horticultural systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings. This course is designed to develop an understanding of landscape and turf grass management techniques and practices.

Career Preparation I (7121)
Prereq: Teacher Approval & Proof of employment **Grades: 11-12** **credit: 2 to 3**
Career Preparation I provides opportunities for students to participate in a learning experience that combines classroom instruction with paid or unpaid business and industry employment experiences and supports strong partnerships among school, business, and community stakeholders. The goal is to prepare students with a variety of skills for a fast-changing workplace. The instructional arrangement should be an advanced component of a student's individual program of study. Students are taught employability skills, which include job-specific skills applicable to their training station, job interview techniques, communication skills, financial and budget activities, human relations, and portfolio development. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success. Student is responsible for finding employment by the second week of school and they are also responsible for their own transportation to and from the job.

Career Preparation II (7122)
Prereq: Career Preparation I and Teacher Approval & proof of employment
Grade: 12 **credit: 2 to 3**
Career Preparation II develops essential knowledge and skills through classroom technical instruction and on-the-job training in an approved business and industry training area. Students will develop skills for lifelong learning, employability, leadership management, work ethics, safety, and communication as a group; however, each student will have an individual training plan that will address job-specific knowledge and skills. Approved training sponsors will provide paid or unpaid occupational training for a student. The training sponsor will assist the teacher in providing the necessary knowledge and skills for the student's specific career preparation. Student is responsible for finding employment by the second week of school and they are also responsible for their own transportation to and from the job.

**** You must receive teacher approval to take more than two Ag. Science Classes****

FAMILY AND CONSUMER SCIENCE

Principles of Hospitality and Tourism (7222)
(Fall) **Grades: 9 – 12** **Credit: 0.5**
Prerequisite: None – will take with Principles of Human Services
This course will encompass lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effective in various positions within this multifaceted industry including culinary arts. Students interested in Culinary Arts are encouraged to take this class as a prerequisite. Students are encouraged to participate in extended learning experiences such as career and technical student organizations and other leadership or extracurricular organizations.

Principles of Human Services (7213)
(Spring) **Grades: 9 – 12** **Credit: 0.5**
Prerequisite: None – will take with Principles of Hospitality and Tourism
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.

Lifetime Nutrition and Wellness (7214)
(Full Year) **Grades: 10 – 12** **Credit: 1.0**
Prerequisite: Principles of Human Services
This laboratory course allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

Instructional Practices in Education and Training (7210)
(Takes Two Class Periods) **Grades: 11 – 12** **Credit: 2**
Prerequisite: Teacher's Approval
Instructional Practices in Education and Training is a field-based internship that provides students with background knowledge of child and adolescent development as well as principles of effective teaching and training practices. Students work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators or trainers in direct instructional roles with elementary, middle school, and high school-aged students. Students will be required to submit proof of insurance as well as signed parental permission to drive their personal vehicle. Placement in the class may require an interview.

Practicum in Education and Training (7211)
(Takes Two Class Periods) **Grades: 12** **Credit: 2**
Prerequisite: Instructional Practices in Education and Training
Practicum in Education and Training is a field-based internship that provides students background knowledge of child and adolescent development principles as well as principles of effective teaching and training practices. Students in the course work under the joint direction and supervision of both a teacher with knowledge of early childhood education and exemplary educators in direct instructional roles with elementary, middle school, and high school-aged students. Placement in the class may require an interview.

Culinary Arts - Beginner - First Time taken (7220)
(Full Year) Grades: 10 – 12 Credit: 1
Recommended prerequisite: Restaurant Management, Lifetime Nutrition and Wellness, or Principles of Hospitality and Tourism and Principles of Human Services.
Culinary Arts begins with the fundamentals and principles of the art of cooking and the science of baking and includes management and production skills and techniques. This is a hands-on course where students must follow directions and use safety at all times. Space is limited in this course and students may go through an interview. Attendance and discipline referrals may be considered for placement in the course.

Practicum in Culinary Arts (7221)
(Full Year – 2 class periods) Grades: 11 – 12 Credit: 2
Prerequisite: Culinary Arts
Practicum in Culinary Arts is a unique course that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences. Practicum in Culinary Arts supports strong partnerships among schools, businesses and community institutions. Instruction may be delivered through school-based laboratory training or through work-based delivery arrangements such as cooperative education, mentoring and job shadowing. Placement in the class may require an interview.

HEALTH SCIENCE EDUCATION

Principles of Health Science (7601) Grades: 9 – 12 Credit: 0.5
(Fall Semester Only)
Prerequisite: 75 or better in Science class(es)
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. Students will learn about the different health career fields that function individually and collaboratively to provide comprehensive health care.

Medical Terminology (7602) Grades: 9 – 12 Credit: 0.5
(Spring Semester Only)
Prerequisite: Principles of Health Science with 70 or better and 75 or better in Science class(es)
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. Students will learn how the quality of health care depends on the ability to work well with others. Students should identify the employment opportunities, technology, and safety requirements of each system. Students are expected to learn the knowledge and skills necessary to pursue a health science career through further education and employment.

Health Science (7603) Grades: 10 – 12 Credit: 1.0
Prerequisites: Completion of Principles of Health Science & Medical Terminology with 70 or better and Biology and 75 or better in Science class(es)
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. To pursue a career in the health science industry, students should recognize, learn to reason, think critically, make decisions, solve problems, and communicate effectively.

Pharmacology for Medical Careers (7604) Grades: 12 Credit: 1.0
(Practicum in Health Science)
Prerequisites: Completion of Health Science
Intended for seniors who wish to pursue a future career in pharmacy. PassAssured is a hybrid pharmacology course that supply's the best training for pharmacists, pharmacy technicians, or potential pharmacy technicians. This program is a full year and encompasses an off campus clinical rotation in a local pharmacy overseen by both a licensed pharmacists and the HST Program Instructor.

BUSINESS/OFFICE EDUCATION

(These classes may not make due to staffing)

Principles of Business, Marketing, and Finance (7401) grade: 9-11 credit: 0.5
Prereq: None (Fall Semester Only)
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.

Touch System Data Entry (7404) grade: 9-10 credit: 0.5
(Spring Semester Only)
Students apply technical skills to address business applications of emerging technologies. Students enhance reading, writing, computing, communication, and reasoning skills and apply them to the business environment. Students will need to apply touch system data entry for production of business documents. This course is recommended for students in 9th and 10th grade.

Principles of Arts, Audio/Video (7402) grade: 9 - 12 credit: 0.5
Technology, and Communications
Prereq: None
Introduction to 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.

Business Information Management I (7405)
(Tech. Applications Credit) grades: 9-12 credit: 1
Prerequisite: Touch Systems Data Entry And Principles of Business, Marketing, and Finance.
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. 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 Information Management II (7406)
(Tech. Applications Credit) grades: 10-12 credit: 1
Prereq: Business Information Management I
Students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software

Accounting I (7410) grade: 10-12 credit: 1
Recommended Prereq: Principles of Business, Marketing, and Finance
Students investigate the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in the process of recording, classifying, summarizing, analyzing, and communicating accounting information. Students formulate and interpret financial information for use in management decision-making.

Accounting II (7411) grade: 11-12 credit: 1
Prereq: Accounting I
Students continue the investigation of the field of accounting, including how it is impacted by industry standards as well as economic, financial, technological, international, social, legal, and ethical factors. Students reflect on this knowledge as they engage in various managerial and cost accounting activities. Students formulate & interpret financial information for use in management decision-makin

INDUSTRIAL TECHNOLOGY

Principles of Architecture and Construction (7501) **grades: 9-12** **credit: 1**
Prereq: None
This entry-level course introduces the student to the concepts used in architecture and construction. This course will focus on essential skills needed to design, build and market a product. Critical and analytical thinking skills will be developed as the project is designed, built, and refined. Types of materials, hand tools, power tools, and safety are important components of this class. Students will also learn to use basic drafting equipment, Computer Aided Design software, and Computer Aided Milling software to help them draw and design projects. Individual and class projects will be completed using a CNC router to mill templates or parts. (Computer Numerically Controlled) Students will build a project and may be responsible for purchasing materials for their project. A project cannot be taken home until purchased.

Construction Technology (7502) **grades: 10-12** **credit: 1**
Prereq: Principles of Architecture and Construction
Students gain knowledge and skill needed to enter the work force as carpenters or building maintained supervisors. Students use common construction tools, machines, materials, and processes in the laboratory. Experiences in planning and controlling simulated construction technologies and projects allow students to explore the organizational structures and management strategies in construction Students will build a project and may be responsible for purchasing materials for their project. A project cannot be taken home until purchased.

Building Maintenance Technology (7503) **grades: 11-12** **credit: 1**
Prereq: Principles of Architecture and Construction & Construction Technology
An exploratory course which addresses the utilization of construction for residential and civil structures. Students study and use common construction tools, machines, and civil structures. Experiences in planning and controlling construction technologies and projects allow students to explore the organizational structures and management strategies in construction. Students will build a project and may be responsible for purchasing materials for their project. A project cannot be taken home until purchased.

AVID

AVID 1 (7801) **grades: 9-11** **credit: 1.0**
This is the first course of a 4-year program that prepares students for advanced placement courses in high school and future college level coursework. This class focuses on developing writing, inquiry, collaboration, and reading through the content areas as well as communication, self-advocacy, leadership, and organization/time management skills.

AVID 2 (7802) **grades: 10-11** **credit: 1.0**
Prerequisite: AVID 1
This is the second course of a 4-year program that prepares students for advanced placement courses in high school and future college level coursework. This course continues with the development of writing, inquiry, collaboration, and reading across the content areas, but also includes a focus on college and career research. Students also design and complete service projects as evidence of their leadership skills.

FOREIGN LANGUAGE

Spanish 1 (8109) **grades: 9-12** **credit: 1**
Prereq: None
Spanish 1 covers elementary listening, speaking, reading, and writing skills. Students are introduced to Mexican culture. Much time is spent contrasting the Spanish and English languages in order to give students a framework for Spanish learning. Students must know parts of speech and verb conjugation in English. Priority will be given to students who are on track to graduate on the Recommended or Distinguished Achievement Plan.

Spanish 2 (8110) **grades: 9-12** **credit: 1**
Prereq: Spanish 1
Spanish 2 extends the content of Spanish 1 with a second semester emphasis on oral/aural skills. Students write simple compositions, give speeches, and translate selected passage. Priority will be given to students who are on track to graduate on the Recommended or Distinguished Achievement Plan.

Spanish 3 (8111) **grades: 10-12** **credit: 1**
Prereq: Spanish 1 and Spanish 2
The requirements for Spanish 3 are successful completion of Spanish 1and 2. The course focuses on oral communication skills and Spanish literature. Skills from Spanish 1 and 2 are reinforced. Required if you plan to graduate on Distinguished Achievement Plan and entered 9th grade before 2014-2015 school year and did not change to new HB5 graduation plan. Priority will be given to students who are on track to graduate on the Distinguished Achievement Plan.

PHYSICAL EDUCATION/ATHLETICS/HEALTH

Health (6009) **grades: 9-12** **credit: *.5***
Prereq: None
In health education, students acquire the health information and skills necessary to become healthy adults and learn about behaviors in which they should and should not participate. To achieve that goal, students will understand the following: students should first seek guidance in the area of health from their parents; personal behaviors can increase or reduce health risks throughout the life-span; health is influenced by a variety of factors; students can recognize and utilize health information and products; and personal interpersonal skills are needed to promote individual, family and community health.

Foundations of (6114) **grades: 9-12** **credit: .5**
Personal Fitness
Prereq: None
Student will review basic skills and techniques from basketball, softball, volleyball, tennis, tumbling, gymnastics, and physical conditioning. Emphasis is on refinement of skills, advanced skills, and team play. The physical conditioning portion of this course is designed to improve the individual fitness level of students in the areas of strength, endurance, and flexibility.

Physical Education (6114) **grades: 9-12** **credit: *.5***
(Team/Individual) 1-2-3
Prereq: Foundations of Personal Fitness
In Physical Education, students acquire the knowledge and skills for movement that provide the foundation for enjoyment, continued social development through physical activity, and access to a physically active lifestyle. The student exhibits a physically active lifestyle and understands the relationship between physical activity and health throughout the lifespan.

Students enrolled in Team Sports are expected to develop health-related fitness and an appreciation for teamwork and fair play. Like the other high school physical education courses, Team Sports is less concerned with the acquisition of physical fitness during the course than reinforcing the concept of incorporating physical activity into a lifestyle beyond high school.

Athletics (varies) **grades: 9-12** **credit: *.5***

Prereq: Coaches' approval and/or off-season participation
The following events and related activities are offered: Baseball, Softball, Basketball, Cross-Country, Football, Golf, Tennis, Power lifting, Track and Field, Athletic Manager/trainer. Golf, Tennis, and Power lifting are considered to be after school sports, therefore a student does not have to be enrolled in an Athletic period to participate.

APPLIES TO 2015-2016 SCHOOL YEAR

English		9	10	11	12	Fall	Spring	Prerequisites	Credit
1209	English 1 Honors	X				x	x	Specific criteria	1.0
1210	English 2 Honors		X			x	x	Specific criteria	1.0
1214 & 1215	College English 1301 & 1302 (Jr.)			X		x	x	Specific criteria	1.0
1212 & 1213	College English 1301 & 1302 (Sr.)				X	x	x	Specific criteria	1.0
1216 & 1217	College English 2323 & 2324				X	x	x	Specific criteria	1.0
1109	English 1	X				x	x	None	1.0
1110	English 2		X			x	x	English 1	1.0
1111	English 3			X		x	x	English 2	1.0
1112	English 4				X	x	x	English 3	1.0
1312	Literary Genres				X	x	x	Administration	1.0
Mathematics		9	10	11	12	Fall	Spring	Prerequisites	Credit
2109	Algebra 1	X				x	x	None	1.0
2114	Geometry		X	X		x	x	Algebra 1	1.0
2610	Math Models with Applications		X	X		x	x	Algebra 1	1.0
2110	Algebra 2			X	X	x	x	Algebra 1	1.0
2112	Algebra 2 Honors		X	X		x	x	Teacher approval	1.0
2912	College Algebra			X	X	x		Specific criteria	1.0
2116	Pre-Calculus			X	X	x	x	Alg 1, Geometry	1.0
Science		9	10	11	12	Fall	Spring	Prerequisites	Credit
3120	IPC	X	X			x	x	none	1.0
3110	Biology	X	X			x	x	none	1.0
3210	Biology Honors	X				x	x	Sci Teacher App	1.0
3111	Chemistry		X	X	X	x	x	Alg1,Teacher app	1.0
3211	Chemistry Honors		X			x	x	Sci Teacher App	1.0
3212	Physics Honors			X		x	x	Alg 2, Bio, Chem	1.0
3214	Physics			X	X	x	x	Alg 2, Bio, Chem	1.0
3711	Anatomy & Physiology				X	x	x	Biology, Chem	1.0
3712	Anatomy & Physiology Honors				X	x	x	Biology, Chem	1.0
3215	Earth & Space Science			X	X	x	x	Biology	1.0
3216	Environmental Systems			X	X	x	x	Bio, teacher app	1.0
3415	BHS Science (Scientific Research & Design)	X	X	X	X	x	x	Teacher Approval	1.0 local
Social Studies		9	10	11	12	Fall	Spring	Prerequisites	Credit
4109	World Geography	X	X			x	x	None	1.0
4210	World History	X				x	x	None	1.0
4311	U.S. History			X		x	x	None	1.0
4713 & 4714	College History 1301 & 1302			X		x	x	Specific criteria	1.0
4412	U.S. Government				X	x		None	0.5
4712	College Government				X	x		Specific criteria	0.5
4512	Economics				X		X	None	0.5
4511	College Economics				X		X	Specific Criteria	0.5

Fine Arts		9	10	11	12	Fall	Spring	Prerequisites	Credit
5209 & 5109	Marching & Concert Band 1	X	X	X	X	x	x	None	0.5 each
5210 & 5110	Marching & Concert Band 2		X	X	X	x	x	Band 1	0.5 each
5211 & 5111	Marching & Concert Band 3			X	X	x	x	Band 2	0.5 each
5212 & 5112	Marching & Concert Band 4				X	x	x	Band 3	0.5 each
5113, 5115, 5119	Jazz Band 1, 2, 3	X	X	X	X	x	x	Specific criteria	1.0
5309	Art 1	X	X	X	X	x	x	None	1.0
5322	Art 2 – Ceramics		X	X	X	x	x	Art 1	1.0
5323	Art 3 – Ceramics			X	X	x	x	Art 2 - Ceramics	1.0
5324	Art 4 – Ceramics				X	x	x	Art 3 - Ceramics	1.0
5310	Art 2 – Drawing		X	X	X	x	x	Art 1	1.0
5313	Art 3 – Drawing			X	X	x	x	Art 1,Art 2	1.0
5314	Art 4 – Drawing				X	x	x	Art1, Art 2, Art 3	1.0
5409	Theater Arts 1	X	X	X	X	x	x	None	1.0
5410	Theater Arts 2		X	X	X	x	x	Th Arts 1	1.0
5411	Theater Arts 3			X	X	x	x	Th Arts 2	1.0
5413	Theater Arts 4				X	x	x	Th Arts 3	1.0
Speech		9	10	11	12	Fall	Spring	Prerequisites	Credit
1813	Professional Communications	X	X	X	X	x	x	None	0.5
7103	Princ. In Agriculture	X	X	X	X	x		None	0.5
5506	UIL Public Speaking	X	X	X	X	x		Specific Criteria	0.5
U.I.L.		9	10	11	12	Fall	Spring	Prerequisites	Credit
5506	Public Speaking	X	X	X	X	x	x	Specific Criteria	1.0
5507	Public Speaking 2		X	X	X	x	x	Specific Criteria	1.0
5508	Public Speaking 3			X	X	x	x	Specific Criteria	1.0
5509	Public Speaking 4				X	x	x	Specific Criteria	Loc 1.0
2120	U.I.L. Math	X	X	X	X	x	x	Specific Criteria	Loc 1.0
3414	BHS Science	X	X	X	X	x	x	Specific Criteria	1.0
Newspaper/Yearbook		9	10	11	12	Fall	Spring	Prerequisites	Credit
1613	Journalism Newspaper 1	X	X	X	X	x	x	Specific criteria	local 1.0
1614	Journalism Newspaper 2		X	X	X	x	x	Newspaper 1	local 1.0
1615	Journalism Newspaper 3			X	X	x	x	Newspaper 2	local 1.0
1616	Journalism Newspaper 4				X	x	x	Newspaper 3	local 1.0
1909	Journalism Yearbook 1	X	X	X	X	x	x	None	local 1.0
1910	Journalism Yearbook 2		X	X	X	x	x	Yearbook 1	local 1.0
1911	Journalism Yearbook 3 & 4			X	X	x	x	Yearbook 2	local 1.0
Agricultural Science and Technology		9	10	11	12	Fall	Spring	Prerequisites	Credit
7101	Prof. Standards in Ag.	X	X	X	X	X	X	Teacher approval/Interview	1.0
7103	Principles of Ag, Food, & Natural Res.	X	X	X	X	x	x	None	1.0
7105	Livestock Production	X	X	X	X	x		None	0.5
7117	Wildlife, Fisheries, & Ecology Mgmt.	X	X	X	X		x	None	0.5
7118	Ag Mechanics & Metal Technologies		X	X	X	x	x	Princ. of Ag	1.0
7119	Ag Facilities Design & Fabrication		X	X	X	x	x	Princ. of Ag	1.0
7114	Horticulture Science		X	X	X	x		Princ. Of Ag	0.5
7115	Landscape Design & Turf Mgmt.		X	X	X		x	Princ. Of Ag.	0.5
7124	Advanced Animal Science			X	X	x	x	Livestock Production	1.0
7123	Practicum in Agriculture			X	X	x	x	Teacher Approval	2.0 – 3.0
7121 & 7122	Career Preparation I & II			X	X	x	x	Job, Career Prep I & Teacher App.	2.0 - 3.0

Family and Consumer Science		9	10	11	12	Fall	Spring	Prerequisites	Credit
7222	Principles of Hospitality & Tourism	X	X	X	X	x		None	0.5
7213	Principle of Human Services	X	X	X	X		x	None	0.5
7214	Lifetime Nutrition & Wellness		X	X	X	x	x	Principles of Human Services & Hosp & Tour	1.0
7220	Culinary Arts		X	X	X	x	x	Teacher Approval	1.0
7221	Practicum in Culinary Arts			X	X	x	x	Culinary Arts/Teacher Approval	2.0
7210	Instructional Practices in Education & Training			X	X	x	x	Teacher approval	2.0
7211	Practicum in Education & Training				X	x	x	Instruct. in Ed. & Teacher Approval	2.0
Health Science Education		9	10	11	12	Fall	Spring	Prerequisites	Credit
7601	I Principles of Health Science	X	X	X	X	x		None	0.5
7602	I Medical Terminology	X	X	X	X		x	Princ. Of Health Sci.	0.5
7603	I Health Science		X	X	X	x	x	Specific Criteria	1.0
7604	I Pharmacology for Medical Careers				X	X	x	Health Science, teacher approval	1.0
Business/Office Education		9	10	11	12	Fall	Spring	Prerequisites	Credit
7401	Principles of Business, Marketing, & Finance	X	X	X	X	x		None	0.5
7402	Principles of Arts, A/V Technology, & Communications	X	X	X	X	x	x	None	0.5
7404	Touch System Data Entry	X	X				x	None	0.5
7405	Business Information Management I	X	X	X	X	x	x	None	1.0
7406	Business Information Management II		X	X	X	x	x	BCIS 1 or BIM I	1.0
7410	Accounting I		X	X	X	x	x	None	1.0
Industrial Technology		9	10	11	12	Fall	Spring	Prerequisites	Credit
7501	Principles of Architecture & Construction	X	X	X	X	x	x	None	1.0
7502	Construction Technology		X	X	X	x	x	Princ.of Arch. & Const.	1.0
7503	Building Maintenance Technology			X	X	x	x	Construction Technology	1.0
Foreign Language		9	10	11	12	Fall	Spring	Prerequisites	Credit
8109	Spanish 1	X	x	X	X	x	x	None	1.0
8110	Spanish 2	X	x	X	X	x	x	Span 1	1.0
8111	Spanish 3		x	X	x	x	x	Span 2	1.0
Physical Education/Athletics/Health		9	10	11	12	Fall	Spring	Prerequisites	Credit
6009	Health	X	X	X	X	x	x	None	0.5
6114	PE (2 semesters)	X	X	X	X	x	x	None	1.0
6309	9th Boys Athletics	X				x	x	Coach approval	1.0
6310	9th Girls Athletics	X				x	x	Coach approval	1.0
6409	10th Boys Athletics		X			x	x	Coach approval	1.0
6410	10th Girls Athletics		X			x	x	Coach approval	1.0
6509	11th Boys Athletics			X		x	x	Coach approval	1.0
6510	11th Girls Athletics			X		x	x	Coach approval	1.0
6609	12th Boys Athletics				X	x	x	Coach approval	1.0
6610	12th Girls Athletics				X	x	x	Coach approval	1.0
Other		9	10	11	12	Fall	Spring	Prerequisites	Credit
7801	AVID 1	X	X	X	X	x	x	None	1.0
7802	AVID 2		X	X	X	X	X	AVID 1	1.0

CLASSIFICATION

Students shall have the following credits to be classified as a freshman, sophomore, junior or senior:

1. **Freshman** -must have been promoted from the 8th to 9th grade (Students placed or assigned to the 9th grade will be ineligible for all extra-curricular activities the first six weeks of their 9th grade year)
2. **Sophomore** -must earn at least 6 state credits toward graduation
3. **Junior** -must earn 13 state credits toward graduation
4. **Senior** -must earn 19 state credits toward graduation

BALLINGER HIGH SCHOOL COHERENT SEQUENCE OF COURSES

CAREER PATHWAYS

Recommended or Distinguished Texas High School Plan -Option 2
(With a coherent sequence for career and technology prep)

Students must complete courses listed under their chosen area to count as Option 2 -Coherent Sequence of Courses/Career Pathway

Early Childhood Education
Specialized courses in the following sequence:

Business Computer Information I (1 credit)	9th Grade
Business Computer Information II (1 credit)	10th, 11th, or 12th grade
Child Development	10th, 11th, or 12th grade
Preparation for Parenting	10th, 11th, or 12th grade
Nutrition & Food Science (.5 credit)	10th, 11th, or 12th grade
Food Science & Technology (.5 credit)	10th, 11th, or 12th grade

Office Technology
Specialized courses in the following sequence:

Business Computer Information I (1 credit)	9th Grade
Business Computer Information II (1 credit)	10th, 11th, or 12th grade
Accounting (1 credit)	11th or 12th Grade

Software and Business Accounting
Specialized courses in the following sequence:

Business Computer Information I (1 credit)	9th Grade
Business Computer Information II (1 credit)	10th, 11th, or 12th grade
Accounting (1 credit)	11th or 12th Grade

Agriculture Technology
Specialized courses in the following sequence:

Business Computer Information I (1 credit)	9th Grade
Business Computer Information II (1 credit)	10th, 11th, or 12th grade
Animal Science (1/2 credit)	10th, 11th, or 12th grade
Range Management and Ecology (1/2 credit)	10th, 11th, or 12th grade

Digital Imaging and Design
Specialized courses in the following sequence:

Business Computer Information I (1 credit)	9th Grade
Business Computer Information II (1 credit)	10th, 11th, or 12th grade
Business Image Management and Multimedia (1 credit)	10th, 11th, or 12th grade

Culinary Arts Technology

Business Computer Information I (1 credit)	9th Grade
Business Computer Information II (1 credit)	10th, 11th, or 12th grade

Nutrition & Food Science (.5 credit)	10th, 11th, or 12th grade
Food Science & Technology (.5 credit)	10th, 11th, or 12th grade

Drafting & Design Technology (CAD)
Specialized courses in the following sequence:

Technology Systems **(**1 credit)	9th or 10th Grade
Engineering Graphics (1 credit	11th or 12th Grade
Architectural Graphics (1 credit)	11th or 12th Grade

Through the Tech Prep Program and the School to Work Program, it is possible to earn credit in high school that could become vocational or college credit through articulation agreements. Ballinger High School currently has articulation agreement with the following schools:

WESTERN TEXAS COLLEGE
RANGER JR. COLLEGE
CISCO JR. COLLEGE
HOWARD COLLEGE

****** ALL OF THE ABOVE ARE PENDING ARTICULATION AGREEMENTS ******

DATE ISSUED: 8/15/2007
LDU 2007.01 EIC(LOCAL)-X

EFFECTIVE FOR NINTH GRADERS
2007–08 and AFTER

Effective for students entering ninth grade in school year 2007–08 and thereafter, the following shall be used to select inductees for the National Honor Society, for determining class rank and honor graduates. Honor graduates and NHS members shall be required to be enrolled in the Recommended or Advanced/Distinguished Achievement Program. A total of ten points shall be added to the semester average for each course designated as enriched. Five points shall be added to each course designated as regular. No additional points will be added to courses designated as basic. Courses taken by correspondence or through credit by examination shall be given the same weight as a District classroom course.

TRANSFER STUDENTS
Students who transfer into the District shall receive enriched credit for any honors, Advanced, AP, or college course completed at an accredited high school.

ENRICHED COURSES
Enriched courses shall include college-level courses, AP courses, and honors level courses.

REGULAR COURSE
The District has designated Spanish 3 as a regular course.

BASIC COURSES
All other courses shall be designated as basic courses.

EXCLUDED COURSES
The following courses shall not be used in calculation of GPA: Yearbook 1, 2, 3, 4, Concert/Marching Band, physical education, and Teacher/Office aide.

LIST OF COURSES
The District shall make available annually in its course offerings the courses to be offered.

Notes