Runge High School

Course Selection Catalog 2019-2020

Release Date: March 2019

MISSION

Unified for Strength

Students, **T**eachers, and the Community are **R**elentlessly **I**nvolved in **D**elivering meaningful **E**ducation ***with*** **P**urposeful, **R**elevant, and **I**ndividualized instruction so that **D**reams, through **E**ducation, become a reality.

NON-DISCRIMINATION STATEMENT

The Runge Independent School District and its career and technology education program do not discriminate on the basis of sex, disability, race, color, age or national origin in its education programs, activities, or employment as required by Title IX, Section 504 and Title VI.

El distrito escolar independiente de Runge
y su programa educacional de carrera y tecnología no discrimina a base de sexo, incapacidad, raza, color, edad u origen nacional
en sus programas educativos, actividades, o empleo como lo requiere el Título IX, Sección 504 y Título VI.

REGISTRATION

At Runge High School student registration for the 2019-2020 academic school year will take place during the second semester. The course information catalog allows students and parents to plan the student schedule for the upcoming school year. Runge High School offers an academically-challenging and well-rounded educational program with a variety of options enabling students to complete appropriate courses in their completion of their graduation plan.

Academic information, course descriptions, and graduation requirements are included. Graduation requirements are based on the State of Texas Recommended and Distinguished Achievement Programs and the Foundation Program with Endorsements. Please refer to the charts in this catalog for more detailed information regarding graduation plans and with endorsements.

COURSE SELECTIONS

At Runge High School students and parents are responsible for selecting a graduation program plan and for choosing appropriate courses to satisfy the requirements of that plan. Consideration is given to individual student's future plan regarding career, college, and personal goals. With this in mind, students' course selections should be consistent with their four-year plans and provide for a coherent sequence of courses which will best prepare them for their life's goals. Review of course selections and personalized graduation plans with students and parents will be available by the Counseling Department through the end of the semester. Parents are welcomed to make appointments with the students' counselor or administrator to discuss the course selections and graduation plans.

Students and parents are responsible for selecting a graduation program plan and choosing courses that satisfy the requirements of that plan. Each graduation plan is appropriate for college **PROVIDED** that the plan meets the particular college's entrance requirements. The graduation plan chosen should be compared with the admissions requirements of colleges under consideration. Students should contact their counselor, as soon as possible, regarding specific questions.

SCHEDULE CHANGES

In the fall, prior to the beginning of school, course selections will be converted into the students' course schedules. The master schedule will reflect each of teachers' assignments and the students' course listings/rosters. Once the official schedules are run, no changes will be made unless the change is requested within the 1st five days of a semester. Should space be available, change of schedules require parents' permissions; counselors review of graduation plans; and/or principal's approval of the recommended changes. Students are responsible for completing all work/assignments missed prior to enrollment in the new courses.

Student or parent initiated schedule changes will be considered only if requested during the **first five (5) school days** the class meets. Requests for schedule changes after the fifth day due to extenuating circumstances must be reviewed by the counselor and approved by the principal.

ACADEMIC INFORMATION

Beginning with school year 2011-2012 all students must complete a minimum of 26 units of credits and pass specific End of Course Exams to be administered for the first time in the spring of the freshman year, in order to receive a high school diploma.

Students taking yearly (one credit) courses will receive credit by averaging the two semesters together. The two semesters averaged together must equal 70 or above in order to receive credit.

A student may not receive credit for a class if he/she has been in attendance less than 90% of the days that the class is offered. The school district has established guidelines for determining what constitutes extenuating circumstances and alternative ways for students to make up work.

UNIVERSITY INTERSCHOLASTIC LEAGUE (UIL)- EXTRACURRICULAR ACTIVITIES PARTICIPATION

State requirements specify that for University Interscholastic League (UIL) participation, and all other extracurricular activities, no student may be dropped or transferred from a course with a failing average later than the end of the fourth week of a reporting period; otherwise, the grade will be considered a failing grade for extracurricular activity eligibility purposes. This applies to administrator, teacher, student and/or parent initiated schedule changes.

Runge High School UIL students are eligible to participate in contests during the first six weeks provided the following standards have been met:

- Students beginning Grade 9 and below must have been promoted from a lower grade prior to the beginning of the current school year.
- Students beginning their second year of high school must have earned five (5) credits which count toward State high school graduation requirements.
- Students beginning their third year of high school either must have earned a total of ten (10) credits which count toward State high school graduation credits or a total of five (5) credits which count toward State high school graduation requirements must have been earned during the twelve (12) months preceding the first day of the current school year.
- Students beginning their fourth year of high school either must have earned a total of 15 credits which count toward State high school graduation credits or a total of five credits which count toward State high school graduation requirements must have been earned during the twelve (12) months preceding the first day of the current school year. Exceptions:

    a. When a migrant student enrolls for the first time during a school year, all criterion cited above applies. All other students who enroll too late to earn a passing grade for a grading period are ineligible.
    b. High school students transferring from out-of-state may be eligible the first six weeks of school if they meet the criteria cited above or school officials are able to determine that they would have been eligible if they had remained in the out-of-state school from which they are transferring.

Students who are not in compliance with these provisions may request a hardship appeal of their academic eligibility through the UIL state office.

EARLY HIGH SCHOOL GRADUATION SCHOLARSHIP PROGRAM

Students planning to graduate on the three-year program must meet the TEA requirements and should declare their intent in writing by the end of their sophomore year. Students must meet the following requirements. They must:

- ❖ Meet graduation requirements within no more than 36 months;
- ❖ Have attended high school only in Texas;
- ❖ Be a Texas resident; and/or
- ❖ Have written approval from a parent and the high school principal to participate.

COLLEGE DAYS

A student shall be excused for up to two days during the student's junior year and up to two days during the student's senior year to visit an accredited institution of higher education. A student shall be required to submit verification of such visits in accordance with administrative regulations. FEA (Local)-A

The student is to receive a college day form from the counselor prior to the visit and return the form upon returning to school to the attendance clerk signed by the student and a college/university representative with their title. If these procedures are not followed, the student may have an unexcused absence.

ADVANCED, AP, and DUAL CREDIT

Prior to Advanced, Advanced Placement and Dual Credit enrollment, students must:

- Sign contract (parent/guardian signature also required)
- Follow contract requirements
- Attend an orientation session

If requirements are not met, student will not be allowed to enroll in the Advanced, Advanced Placement or Dual Credit courses.

WEIGHTED COURSES

Weighted courses are those, which are advanced or accelerated, that are beyond the scope of the regular curriculum. The courses, once original grades are posted on the transcript, are given additional weight when calculating the grade point average. The additional weight is added to the total semester grade points to determine the weighted grade point average (WGPA). The following courses are considered weighted courses:

ADVANCED COURSES

English I & II Advanced
Geometry Advanced
Algebra II Advanced
Pre-Calculus
Biology I Advanced
Chemistry Advanced
Physics Advanced
Anatomy & Physiology Advanced
World Geography Advanced
World History Advanced

ADVANCED PLACEMENT COURSE

AP Calculus
AP Statistics

DUAL CREDIT COURSES*

English III and English IV (1301 & 1302 and/or 2301 & 2302)
United States History (1301 & 1302)
Economics (2301)
United States Government (2305)
General Psychology (2301)
Introduction to Sociology (1301)
Education (1300)

STATE ASSESSMENTS AND GRADUATION REQUIREMENTS

When selecting AP or Dual Credit courses it is extremely important to check with the college the student plans to attend after high school to determine if that particular college will accept dual credits and/or know what students have to score on each AP test to receive college credit.

TESTING

There are a number of standardized tests, both required and voluntary, which are administered at Runge High School or at area testing sites. Described below are those tests.

STAAR (State of Texas Assessments of Academic Readiness)

	EOC (End-of-Course) Assessed Curriculum
English Language Arts	English I | English II
Mathematics	Algebra I
Science	Biology
Social Studies	U.S. History

PSAT/NMSQT – practice college entrance exam & National Merit Scholarship Qualifying Test
Grade 10/11 – Preliminary SAT – 11th grade scores used to qualify for National Merit scholarships – Taken for practice by ALL 10th and select 9th grade students.

ACT/SAT for college entrance at 4-year schools
Grade 11/12 – College entrance exams. It is very important to plan ahead and take these exams in 11th grade.

TSI (Texas Success Initiative) for college entrance
Grade 9-12 – Required for enrollment in any Texas public college or university unless exempt based on TAKS, STAAR, ACT or SAT scores. This test is often required prior to enrolling in dual credit courses.

TOP 10 PERCENT RULE for ADMISSONS

In accordance with Texas Education Code (TEC), §51.803, a student is eligible for automatic admission to a college or university as an undergraduate student if the applicant earned a grade point average in the top **10 percent** of the student's high school graduating class, or the top **7 percent*** of eligible 2018 freshman applicants for admission to the University of Texas at Austin, Texas A&M University, etc., and the applicant:

- Earned distinguished level of achievement under the foundation high school program
- Satisfied ACT's College Readiness Benchmarks on the ACT assessment or earned on the SAT assessment a score of at least 1,500 out of 2,400 or the equivalent.

In accordance with Title 19 Texas Administrative Code (TAC), §5.5(e), high school rank for students seeking automatic admission to a general academic teaching institution on the basis of class rank is determined and reported as follows.

- Class rank shall be based on the end of the 11th grade, middle of the 12th grade, or at high school graduation, whichever is most recent at the application deadline.
- The top 10 percent of a high school class shall not contain more than 10 percent of the total class size.
- The student's rank shall be reported by the applicant's high school or school district as a specific number out of a specific number total class size.
- Class rank shall be determined by the school or school district from which the student graduated or is expected to graduate.

To qualify for automatic admission an applicant must:

(1) submit an application before the deadline established by the college or university to which the student seeks admission; and

(2) provide a high school transcript or diploma that indicates whether the student has satisfied or is on schedule to satisfy the requirements of Distinguished Achievement.

Colleges and universities are required to admit an applicant for admission as an undergraduate student if the applicant is the child of a public servant who was killed or sustained a fatal injury in the line of duty and meets the minimum requirements, if any, established by the governing board of the college or university for high school or prior college-level grade point average and performance on standardized tests.

For more information and specifics, please reference:
*http://www.statutes.legis.state.tx.us/Docs/ED/htm/ED.51.htm#51.803

Source: Texas Education Agency

http://tea.texas.gov/Curriculum_and_Instructional_Programs/Graduation_Information/Automatic_College_Admission/

ADDITIONAL PROVISIONS FOR EARNING CREDIT

CONCURRENT ENROLLMENT

Concurrent enrollment allows students in grades 11-12 to enroll in a college course(s) while attending high school. Students may choose to take college courses at Coastal Bend College, Del Mar College, or Texas A&M University Kingsville or Texas A&M University Corpus Christi. "Concurrent credit" courses may count for high school and college credit. Students must complete the dual credit application to receive high school credit. The form must be signed by the student, parent, counselor and high school principal. Students must meet the college or university entrance criteria.

Most credits will transfer to senior colleges in Texas. It is the responsibility of the graduating student to request that the final transcript, after graduation, be sent to the appropriate college. College transcripts are not released to high school students until after they graduate from high school and a final transcript is received.

Grades and corresponding units transferred from accredited schools will be recorded as received and only those courses that are weighted will be recorded as such if offered at RHS.

CREDIT BY EXAMINATION FOR ACCELERATION

Students who have not had prior instruction in core course may apply to seek credit for the course through Credit by Examination from Texas Tech University or the University of Texas at Austin. Credit may be awarded if the student scores 80 percent or above for the applicable course. Such tests will be scheduled for fall and spring administration. There is no fee for such an examination. The grade earned is included in the student's GPA. Interested students should contact the school counselor.

CREDIT BY EXAMINATION WITH PRIOR INSTRUCTION

Students who have previously taken and failed a required course may be awarded credit for the course through Credit by Examination from Texas Tech or the University of Texas at Austin. Credit may be awarded if the student scores 70 percent or above for the applicable course. These tests will be scheduled for the fall and spring administration. Such credit by examinations may not be used to gain eligibility to participation in extracurricular activities. Interested students should contact the school counselor. Fee for such tests must be paid by the students. Exam grades are included in the student's GPA.

CORRESPONDENCE COURSES

The district will allow resident students, students temporarily residing abroad, or out-of-school students to earn unit of credit in grades 9-12 by taking correspondence courses from an approved institution – Texas Tech University or the University of Texas at Austin. Only two units of correspondence work may be counted toward graduation requirements. A written request may be made to the principal in order to enroll in the course. Only one correspondence course may be taken at a time. Students will incur any expense in registering for a correspondence course. Credit is awarded, but the score is not averaged in the GPA.

DUAL CREDIT PROGRAM

The Dual Credit Program is a cooperative partnership between the District and Coastal Bend College but may also apply to other colleges throughout the state which enables high school students to receive college credits while completing the requirements for high school graduation. Students must receive written approval from the principal before enrolling in a dual-credit course. Students who meet specific eligibility requirements are permitted to enroll in those college/university courses specified in the Dual Credit Program brochure and to earn credit toward high school graduation and college credit concurrently. Refer to the Dual Credit Handbook for detailed information. Specific questions regarding dual credit courses may be addressed to the campus counselors. Grades earned in dual credit courses will be calculated for rank-in-class standing.

CAREER AND TECHNOLOGY EDUCATION ARTICULATION AGREEMENTS (TECH PREP)

The Tech Prep program is a cooperative partnership between Runge High School, and Coastal Bend College but may also apply to other community colleges throughout the state. Through this program, college credit may be earned by taking specific courses in high school. Credits earned in this manner are normally awarded after the first semester at the community college.

SPECIAL PROGRAMS

SPECIAL EDUCATION PROGRAM

The Special Education Program provides a continuum of instructional setting as required by the *Individuals with Disabilities Education Act* (IDEA). In addition to the instructional settings, related services components are available to enhance instruction. Each student's Individual Education Plan (IEP) is determined by a legally binding ARD Committee process. The ARD Committee is composed of required educational personnel, the student's parent(s)/guardian, and the student, when appropriate.

GIFTED AND TALENTED PROGRAM

Secondary services for the Gifted and Talented are provided by the general education teachers. Teachers who serve GT students participate in professional development specifically designed on meeting the needs of gifted students. Students qualifying for the program must enroll in at least one Pre-AP course per academic school year to remain in the program.

EDGENUITY LAB

Edgenuity is a computer-based education and communications system which delivers a library of interactive curriculum, testing, and assessments. Self-paced, mastery-based curricula allow students to earn credits in a wide variety of subjects regardless of the starting date. The Runge High School counselor approves enrollment in the lab primarily for seniors. Participation in the EDGENUITY LAB is a privilege and the student will be removed if not meeting adequate progress in courses.

RUNGE ISD GRADUATION PLAN OVERVIEW

STUDENTS ENTERING HIGH SCHOOL 2014-2015 AND BEYOND

HB 5, passed by the Texas Legislature made substantial changes to the state's graduation requirements. The new plan moves away from the current "4 x4" graduation plans to a 22 credit **Foundation High School Program (FHSP).** The FHSP allows students to earn endorsements in five areas of study by completing four additional credits as well as performance acknowledgements. Students entering high school in the fall of 2017-2017 will be required to meet the requirements of the foundation high school program to receive a high school diploma.

The endorsement areas include: STEM (Science, Technology, Engineering, and Mathematics), Public Services, Business and Industry, Multidisciplinary Studies, and Arts and Humanities. If schools can only offer one endorsement they must offer the multidisciplinary endorsement. Runge ISD is currently working to offer a pathway within each endorsement area. A student's specific core course requirements will depend upon the endorsement selected.

A student may elect to graduate without and endorsement although it is not encouraged. A student can only elect this option after the sophomore year. The student and parent/guardian must meet with the counselor to discuss the benefits of graduating with an endorsement. The parent or guardian must file written permission with the high school allowing the student to graduate without an endorsement.

It is the student's-parent's/guardian's responsibility to be certain that the student meets ALL of the requirements for graduation.

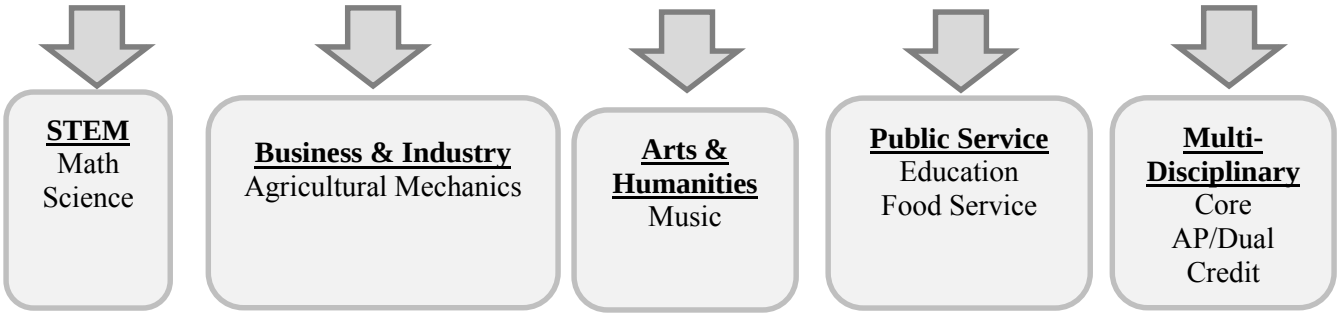
The default plan for Runge ISD students is the Distinguished Level of Achievement

Foundation Plan – 22 Credits

English (4 credits): English I, English II, English III, and an advanced English course
Mathematics (3 credits): Algebra I, Geometry and an advanced math course
Science (3 credits): Biology, Integrated Physics and Chemistry and an advanced science course
Social Studies (4 credits): World History, World Geography, U.S. History, US. Government (.5) and Economics (.5)
Languages Other Than English (2 credits): Spanish I, Spanish II
Physical Education (1 credit)
Fine Arts (1 credit)
Electives (5 credits) World History will count towards one elective credit
*Students must also meet standard on the EOC exams for English I, English II, Biology, Algebra I, and US History

Foundation + Endorsement Plan – 26

1 Math Credit in addition to the Foundation Plan
1 Science Credit in addition to the Foundation Plan
At least 4 of the 26 credits must be in a coherent sequence & content specific to an endorsement Area



Distinguished Level of Achievement – 26 Credits
Additional math credit must include Algebra II

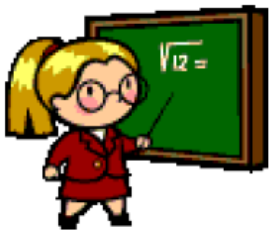
Performance Acknowledgements – Additional Recognition for Meeting Certain Criteria

Advanced Course Work
Bilingualism/Bi-Literacy
Advanced Placement Examination
College Ready Examination

ENDORSEMENTS

Science, Technology, Engineering & Mathematics

Arts and Humanities



Public Services

Business and Industry

Multidisciplinary Studies

FHSP WITH ENDORSEMENTS

This graduation plan replaces the previous Recommended High School Program. Endorsements are described in detail in this guide including: core course requirement by endorsement, possible career fields, and sample four year plans.
Some endorsements offer CTE (Career & Technology Education) and Non-CTE pathways.
A student may earn an endorsement by successfully completing:

- ✓ Curriculum requirements for the endorsement
- ✓ Four credits in mathematics
- ✓ Four credits in science
- ✓ Two additional elective credits

Students should select courses that lead to an endorsement based on their own areas of strengths, interest, and possible career paths. Please note that core course requirements differ based on endorsements selected. See the current school counselor and/or course catalog for more details.

DISTINGUISHED ACHIEVEMENT

A student may graduate with distinguished achievement by completing the following requirements:

- Four credits in math, including credit in Algebra II, and
- Completion of curriculum requirements for at least one endorsement.

A student must earn distinguished level of achievement to be eligible for top 10% automatic admission to a public college or university in Texas.

BENEFITS OF GRADUATION WITH DISTINGUISHED LEVEL OF ACHIEVEMENT:

The Distinguished Level of Achievement opens a world of educational and employment opportunities for you beyond high school. The Distinguished Level of Achievement will:

- ➢ Allow you to compete for Top 10% automatic admissions eligibility at any Texas public university
- ➢ Positions you among those first in line for a TEXAS Grant (financially qualified only) to help pay for university tuition and fees
- ➢ Ensures you are a more competitive applicant at the most selective colleges and universities.

PERFORMANCE ACKNOWLEDGEMENTS

Dual Credit Acknowledgement

A student may earn a performance acknowledgment on their transcript for outstanding performance in a dual credit course by successfully completing:

- at least 12 hours of college academic courses, including those taken for dual credit as part of the Texas core curriculum, and advanced technical credit courses, including locally articulated courses, with a grade of the equivalent of 3.0 or higher on a scale of 4.0; or
- an associate degree while in high school.

Bilingualism and Biliteracy Acknowledgement

A student may earn a performance acknowledgment on their transcript

for outstanding performance in bilingualism and biliteracy as follows.

- A student may earn a performance acknowledgment by demonstrating proficiency in accordance with local school district grading policy in two or more languages by:
    - completing all English language arts requirements and maintaining a minimum grade point average (GPA) of the equivalent of 80 on a scale of 100; and
    - satisfying one of the following:
        - completion of a minimum of three credits in the same language in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
        - demonstrated proficiency in the Texas Essential Knowledge and Skills for Level IV or higher in a language other than English with a minimum GPA of the equivalent of 80 on a scale of 100; or
        - completion of at least three credits in foundation subject area courses in a language other than English with a minimum GPA of 80 on a scale of 100; or
        - demonstrated proficiency in one or more languages other than English through one of the following methods:
            - a score of 3 or higher on a College Board advanced placement examination for a language other than English; or

- a score of 4 or higher on an International Baccalaureate examination for a higher-level languages other than English course; or

- performance on a national assessment of language proficiency in a language other than English of at least Intermediate High.

- In addition to meeting the requirements of paragraph (2) of this subsection, to earn a performance acknowledgment in bilingualism and biliteracy, an English language learner must also have:

    - participated in and met the exit criteria for a bilingual or English as a second language (ESL) program; and

    - scored at the Advanced High level on the Texas English Language Proficiency Assessment System (TELPAS).

College Board or International Baccalaureate Performance Acknowledgement

A student may earn a performance acknowledgment on the student's transcript for outstanding performance on a College Board advanced placement test or International Baccalaureate examination by earning:

- a score of 3 or above on a College Board advanced placement examination; or

- a score of 4 or above on an International Baccalaureate examination for a higher-level course.

College Readiness Performance Acknowledgement

A student may earn a performance acknowledgment on the student's diploma and transcript for outstanding performance on the PSAT®, the ACT-PLAN®, the SAT®, or the ACT® by:

- earning a score on the Preliminary SAT/National Merit Scholarship Qualifying Test (PSAT/NMSQT®) that qualifies the student for recognition as a commended scholar or higher by the College Board and National Merit Scholarship Corporation, as part of the National Hispanic Recognition Program (NHRP) of the College Board or as part of the National Achievement Scholarship Program of the National Merit Scholarship Corporation;

- achieving the college readiness benchmark score on at least two of the four subject tests on the ACT-PLAN® examination;

- earning a combined critical reading and mathematics score of at least 1250 on the SAT®; or

- earning a composite score on the ACT® examination of 28 (excluding the writing subscore).

Business or Industry Certification /Licensure Performance Acknowledgement

A student may earn a performance acknowledgment on their transcript for earning a nationally or internationally recognized business or industry certification or license with:

- performance on an examination or series of examinations sufficient to obtain a nationally or internationally recognized business or industry certification; or
- performance on an examination sufficient to obtain a government-required credential to practice a profession.

CORE COURSE REQUIREMENTS BY ENDORSEMENT

Course	Arts & Humanities Business & Industry Public Service Health Science	Multidisciplinary	STEM *denotes STEM Math or STEM Science
English Language Arts	English I English II English III Advanced English	English I English II English III or DC English IV or DC	English I English II English III Advanced English
Mathematics	Algebra I Geometry Algebra II Fourth Math	Algebra I Geometry Algebra II Fourth Math	Algebra I Geometry Algebra II Fourth Math Fifth Math*
Science	Biology Chemistry Physics Fourth Science	Biology Chemistry Physics Fourth Science	Biology Chemistry Physics Fourth Science Fifth Science*
Social Studies	World Geography World History United States History U. S. Government (.5) Economics (.5)	World Geography World History U.S. History Government (.5) Economics (.5)	World Geography World History United States History U. S. Government(.5) Economics (.5)
LOTE (Languages other than English)	Spanish I Spanish II	Spanish I Spanish II	Spanish I Spanish II
Fine Arts	1 credit required	1 credit required	1 credit required
Physical Education	1 credit required	1 credit required	1 credit required
Endorsement	4 credits required	4 credits required	4 credits required
Electives	2 credits required	2 credits required	2 credits required
Total Credits	26	26	26

Advanced English Courses	3rd Math Courses	4th Math Course	4th and 5th Science
English IV	**Algebraic Reasoning**	**Algebraic Reasoning**	**Anatomy & Physiology**
Business English	**Pre-Calculus**	**Pre-Calculus**	**Advanced Animal Science**
College Prep English	**AP Calculus**	**AP Calculus**	**Environmental Systems**
Dual Credit English	**AP Statistics**	**AP Statistics**	
		Financial Math	
		College Prep Math	

Course Descriptions

*Please note: Course offerings may change at any time due to district and staffing needs"

ENGLISH LANGUAGE ARTS

English I
1 Credit **Grade 9**
Prerequisites: None
English I consist of grammar, punctuation, and vocabulary skills, selected readings in multi-cultural literature and a variety of critical discourse requiring higher order thinking skills. Students will become familiar with proper writing skills, literary genre, and a structured approach to the discipline of language arts. Students will also complete one research project/paper and expository essays.

English II
1 Credit **Grade 10**
Prerequisites: English I/Pre-AP English I
English II consists of grammar, punctuation, and vocabulary skills, selected readings in World literature and a variety of critical discourse requiring higher order thinking skills. Students will become familiar with proper writing skills, literary genre, and a structured approach to the discipline of language arts. Students will study various genres of literature primarily by World authors. Students will develop their skills of written and oral communication more deeply based on state mandated objectives.
Students will also complete one research-based project/paper.

English III
1 Credit **Grade 11**
Prerequisite: English I & II
English III is a study of grammar, punctuation, vocabulary skills, selected readings in American literature, and a variety of critical discourse requiring higher order thinking skills. Students will become familiar with proper writing skills, literary genre, and a structured approach to the discipline of language arts.This course, required of all juniors, will focus on the student's skill development in the areas of writing, language, speaking, literature and reading comprehension by using the reading process in accordance with the TEKS ELAR objectives. Students will study various genres of literature and informational texts primarily by American authors chronologically beginning with the Puritans and ending with the Postmodernist of the 20th century. Students will develop their skills of the written and oral communication more deeply based on state mandated objectives

English IV
1 Credit **Grade 12**
Prerequisite: English I, II, & III
English IV is a British Literature survey course that also examines a few American by-products of the British culture. The literature-based course focuses on novels and short stories that enable students to provide context-driven analyses. Each unit is built upon the prior one, challenging students to see the evolution of their ideas and compelling them to justify their arguments with valid supporting evidence. The goal for English IV is to foster graduates who can critically analyze the world around them using the higher-order thinking skills needed to advance. Students will learn to respond to the world's events through journal writing, interact with the world of literature through novels and plays, examine the various literary genres, study SAT words, and write response papers, resumes, thank you letters, personal essays, and a research paper. Students will complete one research-based project/paper.

Dual Credit English IV
Credit: 1 **Grade 12**
Prerequisites: English III
English 1301/1302 Composition & Grammar – Dual Credit through Coastal Bend College
Students must demonstrate readiness to perform college-level academic coursework in reading and writing according to Coastal Bend College academic skills assessment guidelines.
English 1301: Study of principles and techniques of written, expository, and persuasive composition including analysis of literary expository, and persuasive tests; critical thinking; and a review of grammar and communication skills with emphasis on clear, correct, effective composition and speech. Frequent reading and writing.
English 1302: Analysis and discussion of typical literary selections. Frequent, documented, investigative essays. Continued study of writing with emphasis on logic, research, and literary criticism. Research paper required. Please check with your respective college to determine if college credit will be awarded.

College Preparatory ELA Course

Credit: 1 **Grade 12**

Prerequisite: Students who are not considered college ready.

In this course, students acquire techniques for learning from texts, including studying word meanings, identifying and relating key ideas, drawing and supporting inferences, and reviewing study strategies. In all cases, interpretations and understandings will be presented through varying forms, including through use of available technology. Students accomplish many of the objectives through wide reading as well as use of content texts in preparation for post

MATHEMATICS

Algebra I

Credit: 1 **Grade 9**

This course is designed to provide a foundation for higher-level math courses. This course develops proficiency in algebraic thinking, symbolic reasoning, functional concepts, and relationships between equations and functions. The basic language of algebra, addition and multiplication of real numbers, solving equations including linear equations in two or more variables, use of root function and solving quadratic equations are included in this content.

Financial Math

Credit: 1 **Grades: 10-12**

Prerequisite: Algebra I

This course satisfies a high school mathematics graduation requirement.

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

Geometry

Credit: 1 **Grade 9-10**

While building on skills developed in earlier classes, Geometry builds new skills by developing geometric thinking, spatial reasoning, and powerful ways to solve complex mathematical processes using this reasoning. We study one, two, and three dimensional relationships and build problem solving techniques to deal with each situation. In doing so, we hope to better solve real world problems using both the metric system and the English system of measurements.

Algebra II

Credit: 1 **Grade 10-11**

Prerequisite: Algebra I, Geometry or concurrent enrollment

Algebra II is designed to provide foundations for higher-level math courses by extending the skills of Algebra I and Geometry. This course is a study of polynomials, rational expressions, linear equations, inequalities, logarithmic functions, graphing functions, and their applications.

Mathematical Models with Applications

Credit: 1 **Grade 10-12**

Prerequisite: Algebra 1

This course is intended to build on previous courses, including Algebra I and to place emphasis on bringing about a deeper understanding of those mathematical relationships that will help students gain mathematical literacy in the real world and at the same time to help them build a stronger foundation for future study in mathematics and other disciplines. The main goals are to

teach students how to problem-solve, communicate mathematically, create and interpret mathematical representations and models and make efficient and appropriate use of technology to solve problems.

Pre-Calculus
Credit: 1 **Grade 11-12**
Prerequisite: Algebra I or Pre-AP Algebra I, Geometry or Pre-AP Geometry, Algebra II or Pre-AP Algebra II
Integrates and extends the concepts and skills of trigonometry, elementary analysis, and analytical geometry. This course provides opportunities for a variety of applications and integrates technology for problem solving.

College Preparatory Math Course
Credit: .5-1 **Grade 12**
Prerequisite: Students who are not considered college ready
Fundamentals of Mathematics II: Topics include real numbers, basic geometry, polynomials, factoring, linear equations, inequalities, quadratic equations and rational expressions

Dual Credit College Algebra
Credit: .5 **Grade 12**
Prerequisites: Acceptance into the Dual Credit course is required as determined by the college or university. Student required to pay tuition fees. In order to receive high school credit students must have a 70 average.
Students enrolled in Dual Credit/College Algebra will earn high school and freshman college credit concurrently.
Fundamentals of algebra, including inequalities, functions, quadratic equations, exponential and logarithmic functions, systems of equations, determinants and instructor option of binomial theorem or progressions (or both). Please check with your respective college to determine if credit will be awarded.

Dual Credit Pre-Calculus
Credit .5 **Grade 12**
Prerequisite: Grade of C or higher in Math 1314 (College Alg. I)
Course will provide essentials of pre-calculus including linear and non-linear functions, graphs of functions, trigonometric functions; analytic trigonometry, analytic geometry, and solving system of linear equations and inequalities.

SCIENCE

Integrated Physics and Chemistry (IPC)
Credit: 1 **Grade 9**
Prerequisite: None
Integrated Physics and Chemistry is an introduction at the high school level of learning through observations and investigation. A study of physical laws, time, force and mass, velocity and acceleration, energy, matter, heat, electricity, compounds, and other topics as determined by need and time are covered in Integrated physics and chemistry

Biology
Credit: 1 **Grade: 9-10**
Students in Biology study a variety of topics that include scientific methods, structure and functions of animal and plant cells and of viruses and bacteria; growth and development of organisms; cells, tissues, organs; nucleic acids; genetics; protein synthesis, biological evolution; taxonomy; ecology; living systems; homeostasis; photosynthesis; human body systems; and plant structure.

Chemistry
Credit: 1 **Grade 10-12**
Prerequisite: Algebra I and Biology I
This one-year course develops the theories and concepts of modern chemistry. Elements, compounds, mixtures, the

resulting laws of nature are emphasized. Laboratory experimentation, class discussion, and mathematical calculation are combined to develop the general principles of the composition and changes of matter. Throughout the course, the student is encouraged to think independently and apply general principles learned to new situations. A strong mathematical foundation is a necessity.

Advanced Anatomy/Physiology
Credit: 1 **Grade 10-12**
Prerequisite: Biology I, Chemistry or concurrently enrolled in Chemistry
In this course students will study the various parts and systems of the human body. Students will learn how and why these organs function in the ways that they do. Specific topics include cells and tissues as well as the skeletal, muscular, circulatory, respiratory, immune, digestive, integumentary, urinary, reproductive, endocrine, and nervous systems. Special emphasis will be given to common diseases and disorders that effect specific organs or systems.

Physics
Credit: 1 **Grade 10-12**
In this one-year course, theories and concepts of physics are developed through laboratory investigations, demonstration lectures, audio-visual, and mathematical analysis of variables. Formulas are developed relating to various physics concepts and are used in solving problems both theoretical and real. Students are challenged to think critically and independently in solving problems and applying previously learned principles in new and varied situations. The instructional material covered includes: classical mechanics, thermodynamics, electricity and magnetism, and wave motion including sound and light.

ENVIRONMENTAL SYSTEMS **Grade: 11-12**
Credit: 1
Prerequisite: (IPC, Chemistry or Physics)
In Environmental Systems, students conduct field and laboratory 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 the populations and ecosystems, and changes in environment.

Advanced Animal Science
Credit: 1 **Grade 12**
Prerequisite: Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production
A minimum of one credit from the courses in the Agriculture, Food, and Natural Resources cluster. To receive credit in science, students must meet the 40% laboratory and fieldwork requirement identified in §74.3(b)(2)(C) of this title (relating to Description of a Required Secondary Curriculum).
To be prepared for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.

SOCIAL STUDIES

World Geography Studies
1 Credit **Grade 9**
Prerequisites: None

World Geography is the study of social, political, cultural, and economic development in the world in relation to topography, location, and environment. The course is designed to trace early civilization from beginning to present with emphasis on learning how America has been influenced by other countries in regard to geographical location, population and cultures.

World History
Credit: 1 **Grade 10**
World History is a study of the social, political, cultural, and economic development of man from ancient to modern times. The course is designed to include topics related to early civilization, the struggle of power between kingdoms of Europe, the growth of freedom and national unity, the threat to civilization caused by conflict resulting from imperialism and international rivalry and the effects of nationalism in the century.

U.S. History
Credit: 1 **Grade 11**
Prerequisite: None
U. S. History is a course designed to help the student master important historical and biographical facts, develop informed opinions on major controversies of the past and present and to understand the geographical and economic activities of the American people. In the course citizenship is stressed with geographical emphasis being placed on the duties and responsibilities required for the privilege afforded to American citizens. Content includes the second part of a two-year program in the United States History begun in grade 8.

Dual Credit United States History 1301
Prerequisite: Grade of 80 in World History, passing TSI, and approval from principal.
Credit: 1 & 3 hrs. **Grade 11**
This course is offered through Coastal Bend College and is graded by Coastal Bend College. Students will have the opportunity to earn 3 hours of college credit for the semester Coastal Bend College guidelines and grading will be followed. Please check with your respective college to determine if credit will be awarded.

Dual Credit United States History 1302
Prerequisite: Grade of 80 in World History, passing TSI, and approval from principal.
Credit: 1 & 3 hrs. **Grade 11**
This course is offered through Coastal Bend College and is graded by Coastal Bend College. Students will have the opportunity to earn 3 hours of college credit for the semester Coastal Bend College guideline and grading will be followed. Please check with your respective college to determine if credit will be awarded.

U. S. Government **Grade 12**
Prerequisite: American History, World History, and World Geography
Credit: .5
American Government is a study of the rights and responsibilities of citizens of the United States. The course is designed to meet all state requirements as prescribed by law with regards to national, state, and local government. Major topics include background and development of federal government; the role of the people; contrasting the American system of politics and economics with other countries. The three branches of government and their roles along with foreign policy are also studied in relation to other forms of government. Please check with your respective college to determine if credit will be awarded.

Dual Credit U. S. Gov't 2305 **Grade 12**
UNITED STATES GOVERNMENT 2305 - Dual Credit through Coastal Bend College
On-line
Credit: .5
This course is offered through Coastal Bend College and is graded by Coastal Bend College. Students will have the opportunity to earn 3 hours of college credit for the semester Coastal Bend College guideline and grading will be followed. Please check with your respective college to determine if credit will be awarded.

Economics
Credit: .5 **Grade 12**
Prerequisite: US History, World History, World Geography
This course is designed to help students apply quantitative and mathematical skills to economic concepts, improve decision-making skills, and apply economic logic to real world and hypothetical situations.
Special emphasis will be given to the stock market, Federal Reserve System, taxes, business organizations, and supply and demand.

Dual Credit Economics 2301 - Dual Credit through Coastal Bend College - On-Line
Prerequisite: US History, World History, World Geography, pass TSI and principal approval.
Credit: .5 **Grade 12**
This course is offered through Coastal Bend College and is graded by Coastal Bend College. Students will have the opportunity to earn 3 hours of college credit for the semester Coastal Bend College guideline and grading will be followed. Please check with your respective college to determine if credit will be awarded.

FOREIGN LANGUAGE

Spanish I **Grade 9-12**
Credit: 1
This is a full year course designed to teach the basic concepts of the Spanish language with writing, listening, and reading activities. The student gains knowledge and understanding of other cultures.

Spanish II **Grade 10-12**
Prerequisite: Spanish I
Credit: 1
This is a full year course is designed to expand what was learned in Spanish I. Emphasis will continue to be writing, listening, and reading activities. Pair and group activities will allow more opportunity for oral proficiency. The student will research other Spanish speaking countries.

SPANISH III **Grade: 10-12**
Credit: 1
Prerequisite: Spanish II:
This course is designed to carry the student further in his/ her development of the four language skills, while deepening his/her insights into Hispanic culture, including exposure to the works of writers of the Spanish-speaking world. This course continues to prepare students to take the AP Spanish Language exam.

FINE ARTS

Art I
Credit: 1 **Grade 9-12**
Art I introduces students to the basics of two-dimensional and three-dimensional art including but not limited to drawing, painting, printmaking, ceramics, and sculpture. Various techniques within a wide variety of media will be explored. Assignments and projects will be executed and developed according to the design elements and principles. Art vocabulary, culture, and history will be introducing in order to enhance student's technical and critical skills. All students will be required to maintain a sketchbook.

Band 1-4
Credit: 1 **Grades 9 -12**
(1/2 credit of PE may be earned for Marching Band while Fine Art credit may also be earned)

The band program places emphasis upon the mastery of fundamental playing of the musical instruments associated with the band program - woodwinds, brass, and percussion. This class is designed to teach team work, self-discipline, responsibility, cooperation, diligence, cultural awareness, and a deeper appreciation for all music and the performing arts. Students will focus on proper care and maintenance of the instrument, tone quality, sound production, intonation, blend, balance, tuning, dynamics, articulation, and rhythmic accuracy.

PHYSICAL EDUCATION AND HEALTH

Physical Education
Credit: 1 per full year **Grade 9-12**
The increasingly sedentary life style of our society places greater responsibility on the school for developing in students' attitude and skills necessary to build and maintain individual physical fitness both during the school year and throughout adult life. For this reason emphasis is being placed on physical activities that may be used in later life, some of which include: volleyball, softball, golf, archery, tennis, and track.

Boys' Sports-Athletics **Grade 9-12**
Credit: 1 per full year
Participation in any athletics is on a voluntary basis to those students who can excel in some physical activity and have a desire to compete on an inter-school basis. Sports will offer the opportunity to learn some practical lessons of life and test one's capacity to function as a citizen in society through sports such as football, basketball, track, baseball, tennis, cross country, and golf.

Girls' Sports-Athletics **Grade 9-12**
Credit: 1 per full year
Participation in any athletics is on a voluntary basis to those students who can excel in some physical activity and have a desire to compete on an inter-school basis. Sports will offer the opportunity to learn some practical lessons of life and test One's capability to function as a citizen in society through such sports as basketball, track, softball, volleyball, tennis, cross country, and golf.

CAREER AND TECHNICAL EDUCATION (CTE) COURSE

AGRICULTURE, FOOD & NATURAL RESOURCES
Business & Industry

Principles of Agriculture Food and Natural Resources **Grade 9-12**
Credit: 1
To be prepared for careers in agriculture, food, and natural resources, students must attain academic skills and knowledge in agriculture. This course allows students to develop knowledge and skills regarding career opportunities, personal development, globalization, industry standards, details, practices, and expectations. To prepare for success, students need to have opportunities to learn, reinforce experience, apply, and transfer their knowledge and skills in a variety of settings.

Agriculture Mechanics & Metal Technologies
Credit: 1 **Grade 10-12**
Students will work on small engines, build furniture, and learn introductory shop skills along with NCCER Core certification. We will build projects for stock shows and train for skills contests, along with the core certification. Involvement with a personal show project is preferred. You can buy your own materials and show a project that you can use!

Agricultural Facilities Design & Fabrication
Credit: 1 **Grade 10-12**

This course will allow students to participate in wood construction. Wood projects may include, (build deer blinds, and storage buildings, etc.). Also concrete and masonry work will be done.

Agriculture Power Systems

Credit: 2 **Grade 10-12**

Automotive Technology is an introductory course related to all basic functions and operations of an automobile. Tune up, maintenance, brakes, electrical systems, and vehicle modifications are part of this course. Students will learn on some very interesting project such as custom cars, classic vehicles, diesel trucks, tractors, and other entertaining projects. Class and lab (shop) time will used for hands on learning.

Equine Science

Credit: .5 **Grade 10-12**

To be prepared for careers in the field of animal science, students need to enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

Small Animal Management

Credit: .5 **Grade 10-12**

In Small Animal Management, students will acquire knowledge and skills related to small animals and the small animal management industry. Small Animal Management may address topics related to small mammals such as dogs and cats, amphibians, reptiles, and birds. To prepare for careers in the field of animal science, students must enhance academic knowledge and skills, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills in a variety of settings.

Advanced Animal Science

Credit: 1 **Grade 11-12**

This course satisfies a high school science graduation requirement

Prerequisites: Biology and Chemistry or Integrated Physics and Chemistry (IPC); Algebra I and Geometry; and either Small Animal Management, Equine Science, or Livestock Production.

Advanced Animal Science is a 4th year science class designed for students in Grade 12. This course is designed to include lecture and laboratory explorations in Animal Sciences with in-depth studies on endocrine, circulatory, genetics, digestive, reproductive, musculo-skeleton systems with relation to domestic monogastric and ruminant livestock and animals. This course will also cover behavioral aspects of both small and large animals with emphasis on important animals to South Texas

Welding I—CBC Dual Credit

Credit 1 **Grade 11-12**

Welding I – Consist of 2 dual credit classes through Coastal Bend College, DFTG 1305 – Technical Drafting and DEMR 1301 Shop Safety and Procedures. Each of these classes are prerequisites to Welding II enrollment. DFTG 1305 is Introduction to the principles of drafting to include terminology and fundamentals, including size and shape descriptions, projection methods, geometric construction, sections, and auxiliary views. DEMR 1301 is a study of shop safety, rules, basic shop tools and test equipment. OSHA 10 certification is a major portion of this class.

Welding II—CBC Dual Credit

Credit 1 **Grade 11-12**

Prerequisite: Welding I DC

Consist of 2 dual credit classes through Coastal Bend College, WLDG 1307 – Introduction to Welding Using Multiple Processes and WLDG 1428 – Introduction to Shielded Metal Arc Welding. WLDG 1307 is an introduction to the fundamentals of equipment used in oxy-fuel and arc welding, including welding and cutting safety, basic oxy-fuel welding and cutting, basic arc welding

processes and basic metallurgy. WLDG 1428 is an introduction to shielded metal arc welding process. Emphasis placed on power sources, electrode selection, oxy-fuel cutting, and various joint designs. Instruction provided in SMAW fillet welds in various positions. Upon completion of the four classes, a student will receive a marketable skills certificate in Shielded Metal Arc Welding from Coastal Bend College.

Wildlife, Fisheries, and Ecology Management

Credit: 1 **Grade 10-12**

To be prepared for careers in natural resource systems, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the management of game and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices.

Agricultural Structures Design and Fabrication

Credit: 1 **Grades 11-12**

In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.

Principles and Elements of Floral Design

Credit: 1 **Grade 10-12**

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

Mathematical Applications in Agriculture, Food, and Natural Resources

Credit: 1 **Grades: 10-12**

This course satisfies a high school mathematics graduation requirement.

Students will apply knowledge and skills related to mathematics, including algebra, geometry, and data analysis in the context of agriculture, food, and natural resources. To prepare for careers in agriculture, food, and natural resources, students must acquire technical knowledge in the discipline as well as apply academic skills in mathematics. To prepare for success, students need opportunities to reinforce, apply, and transfer their knowledge and skills related to mathematics in a variety of contexts .Students will apply mathematics to problems arising in everyday life, society, and the workplace. Students will use a problem-solving model that incorporates analyzing given information, formulating a plan or strategy, determining a solution, justifying the solution, and evaluating the problem-solving process and the reasonableness of the solution. Students will select appropriate tools such as real objects, manipulatives, paper and pencil, and technology and techniques such as mental math, estimation, and number sense to solve problems. Students will effectively communicate mathematical ideas, reasoning, and their implications using multiple representations such as symbols, diagrams, graphs, and language. Students will use mathematical relationships to generate solutions and make connections and predictions. Students will analyze mathematical relationships to connect and communicate mathematical ideas. Students will display, explain, or justify mathematical ideas and arguments using precise mathematical language in written or oral communication.

Food Technology and Safety

Credit: 1 **Grades: 10-12**

Food Technology and Safety examines the food technology industry as it relates to food production, handling, and safety. To

prepare for careers in value-added and food processing systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to value-added and food processing 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

Food Processing **Credit: 1**

Grade 10-12 Food Processing focuses on the food processing industry with special emphasis on the handling, processing, and marketing of food products. To prepare for careers in food products and processing systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to natural resources and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.

CAREER AND TECHNICAL EDUCATION (CTE) COURSES

HUMAN SERVICES
Public Services

Anatomy & Physiology
Credit: 1 (Tech Prep) **Grade 11-12**
Prerequisite: Biology I, Chemistry or concurrently enrolled in Chemistry
In this course students will study the various parts and systems of the human body. Students will learn how and why these organs function in the ways that they do. Specific topics include cells and tissues as well as the skeletal, muscular, circulatory, respiratory, immune, digestive, integumentary, urinary, reproductive, endocrine, and nervous systems. Special emphasis will be given to common diseases and disorders that effect specific organs or systems.

Culinary Arts
Credit: 1 **Grade 11-12**
This is an ATC course. The student will understand and become proficient in skills required for careers in the restaurant, food, and beverage industry. This Food's lab class is for students who excel in food preparation skills and teamwork. Students study the correct way to handle foods safely as well as practice and analyze food presentation techniques. Skills learned in customer service basics, resume building, filling out job applications and practicing job interviews provide the student with the ability to succeed. Also, students will pursue a Food Handler permit, OSHA certificate, and ServSafe certificate.

Practicum in Education & Training
Credit: 2 **Grade 12**
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 aged students. Students learn to plan and direct individualized instruction and group activities, prepare instructional material, assist with record keeping, make physical arrangements, and complete other responsibilities of
classroom teachers, trainers, paraprofessionals, or other educational personnel.

CNA—Dual Credit

HPRS 1160
Credit: .5 **Grade 12**

A health-related work-based learning experience that enables the student to apply specialized occupational theory, skills, and concepts. Direct supervision is provided by the clinical professional. Clinical experience that continues application of skills and theory taught in HPRS 1304. Various health care facilities will be utilized to allow the student to explore the role of the basic healthcare provider. Admission to Coastal Bend College and declaration of a health science major. HPRS 1304 Basic Health Profession Skills must be
concurrent or correlated to take the nurse aide certification exam and to receive full credit.

HPRS 1304
Credit: .5 **Grade 12**
A study of the concepts that serve as the foundation for health profession courses, including client care and safety issues, basic client monitoring, and health documentation methods. Student participation in skills laboratory is required.

Other Electives

Accounting I
Credit: 1 **Grade 11-12**
This course is designed to teach the student the nine steps of the accounting cycle, provide an understanding of accounting as it relates to other business topics, and to help the student understand the relationship of accounting to a variety of business careers. Problem application on computers will be included.

Business Information Management
Credit: 1 **Grades: 9-12**
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.

Financial Math
Credit: 1 **Grades: 10-12**
Prerequisite: Algebra I
This course satisfies a high school mathematics graduation requirement.
Financial Mathematics is a course about personal money management. Students will apply critical-thinking skills to analyze personal financial decisions based on current and projected economic factors. The course will integrate career and postsecondary education planning into financial decision making.

Robotics and Automation
Credit: 1 **Grade 10-12**
Students will build robots to perform various tasks, and then program them using their laptop. Students will develop an understanding of advanced concepts of physics, robotics, and automation. Students will develop an understanding of the characteristics and scope of manipulators and the relationship of torque, gear ratio, etc..

Audio/Video Production
Credit: 1 **Grade 11-12**
Students in this course will learn professional communication strategies, study various related fields in Audio/Video Digital Production, and apply ethical decision-making while complying with laws. Students will develop a basic understanding of audio and video pre-production, production, and post-production while working as a team to complete various productions such as multimedia presentations and videos for special events and programs, documentaries, commercials, instructional videos, and video slideshows.

Emergency Medical Technician (EMT) **Grade 11-12**

Credit: 1

Prerequisite: Student must be 17 years of age & Biology

Basic instructs students to meet and exceed standard knowledge needed to be a valid Emergency Medical Technician. The curriculum includes skills necessary for a student to provide entry level emergency medical care, life support, and ambulance service. The EMT—Basic course is an introductory course to concepts, knowledge, and skills needed by EMTs in the areas of communications, transportation, and recordkeeping. Students interested in working in public safety, including fire, police, and ambulance operators will be capable of performing the job expectations of an EMT safely and effectively after the completion of this course.

Aviation I **Grades 10-12**

Credit: 1

Students in this class learn about the physics of flying, Federal Aviation Administration (FAA) regulations, how to operate radio transmissions, the importance of safety equipment, aircraft construction, flight planning, meteorology and performance data. A basics aeronautics course, also referred to as primary ground instruction.

Printing and Imaging Technology I **Grades 10-12**

Credit: 1

Careers in printing span all aspects of the industry, including prepress, press, and finishing and bindery operations. This course will focus on prepress and provide students with an overview of the computers and software packages used for desktop publishing as well as the opportunity to design graphics using the computer and a variety of graphic software including Adobe InDesign and Photoshop.

Law Enforcement I **Grades 11-12** **Credit: 1**

This course is designed to give students (typically high school Junior, could be Senior) interested in a career in Law Enforcement / Criminal Justice an opportunity to learn about various aspects of police work and the career fields available. Among units to be covered are: patrol procedures, ethics, vehicle codes, communications systems, physical training, safety, narcotics, gang awareness, penal codes, criminal laws. Additionally, this course covers the constitutional amendments important to rules of arrest and search and seizure.

APPENDIX

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Side-by-Side Comparison: Graduation Program Options to be Implemented Beginning in 2014-2015

Discipline	Foundation HSP	*MHSP	*RHSP	*DAP
English Language Arts	Four credits: • English I • English II • English III • An advanced English course	Four credits: • English I • English II • English III • English IV or approved alternate course	Four credits: • English I • English II • English III • English IV	Four credits: • English I • English II • English III • English IV
Mathematics	Three credits: • Algebra I • Geometry • An advanced math course	Three credits: • Algebra I • Geometry • SBOE approved math course	Four credits: • Algebra I • Algebra II • Geometry • An additional math credit	Four credits: • Algebra I • Algebra II • Geometry • An additional math credit
Science	Three credits: • Biology • IPC or an advanced science course • An advanced science course	Two credits: • Biology • IPC or Chemistry and Physics (one of the two serves as an academic elective)	Four credits: • Biology • Chemistry • Physics • An additional science credit	Four credits: • Biology • Chemistry • Physics • An additional science credit
Social Studies	Three credits • U.S. History • U.S. Government (one-half credit) • Economics (one-half credit) • World History or World Geography	Three credits: • U.S. History (one credit) • U.S. Government (one-half credit) • Economics (one-half credit) • World History (one credit) or World Geography (one credit)	Four credits: • U.S. History (one credit) • U.S. Government (one-half credit) • Economics (one-half credit) • World History (one credit) • World Geography (one credit)	Four credits: • U.S. History (one credit) • U.S. Government (one-half credit) • Economics (one-half credit) • World History (one credit) • World Geography (one credit)
Physical Education	One credit	One credit	One credit	One credit
Languages Other Than English	Two credits in the same language Two credits from Computer Science I, II, and III (other substitutions)	None	Two credits in the same language	Three credits in the same language
Fine Arts	One credit	One credit	One credit	One credit
Speech	Demonstrated proficiency in speech skills	One-half credit from either of the following: • Communication Applications • Professional Communications (CTE)	One-half credit from either of the following: • Communication Applications • Professional Communications (CTE)	One-half credit from either of the following: • Communication Applications • Professional Communications (CTE)
Electives	Five credits	Seven and one half credits (one must be an academic elective)	Five and one-half credits	Four and one-half credits
Total Credits	22	22	26	26

* Only available for students who entered grade 9 before the 2014-2015 school year

Runge Independent School District ◆

High School Four-Year Plan with Endorsement

Graduation Plans 2014-15 and Beyond			
	Foundation	**+ Endorsement(s)**	**Distinguished**
Course	Credits	Credits	Credits
English	4		
Math	3	1	Incl. Algebra II
Science	3	1	
Social Studies	3		
Foreign Language	2		
Fine Arts	1		
PE	1		
Electives	5	2	
Total Credits for Graduation	**22**	**26**	**26**

Directions: Courses required at a specific grade level are noted in the chart below. Students have flexibility in determining the year of study for the following graduation requirements: Endorsement electives, Fine Arts, and PE. Please use the Runge ISD Endorsement Coherent Sequence Charts to complete your schedule. The Endorsement Coherent Sequence Charts are located in the appendix of the Course Description Catalog.

Pds	9th Grade	10th Grade	11th Grade	12th Grade
1	English I	English II	English III	English:
2	Math:	Math:	Math:	Math:
3	Biology	Science:	Science:	Science
4	World History	World Geography	U.S. History	Government (½) / Economics (½)
5		Spanish I	Spanish II	
6	Athletics/PE			
7				

Please List any High School Credits Earned in Middle School:

GRADUATION PLAN WORKSHEET

NOTES	GRADE	FALL	SPRING
Required Courses for Foundation Plan with Endorsement ☐ English I ☐ English II ☐ English III ☐ English IV or College Prep English	9th		
☐ Algebra I ☐ Geometry ☐ Algebra II (RISD recommendation) ☐ 4th Math ☐ Biology ☐ IPC, Chemistry or Physics ☐ 3rd Science ☐ 4th Science	10th		
☐ World Geography ☐ World History ☐ U.S. History ☐ Government (.5) ☐ Economics (.5) ☐ Spanish I ☐ Spanish II ☐ Fine Art	11th		
☐ PE ☐ Endorsement (4) ☐ Electives 26 State Required	12th		

Runge Independent School District ◆

Sample High School Four-Year Plan
Arts & Humanities Endorsement (Distinguished, Social Studies Option)

Graduation Plans 2014-15 and Beyond			
	Foundation	**+ Endorsement(s)**	**Distinguished**
Course	Credits	Credits	Credits
English	4		
Math	3	1	Incl. Algebra II
Science	3	1	
Social Studies	3		
Foreign Language	2		
Fine Arts	1		
PE	1		
Electives	5	2	
Total Credits for Graduation	**22**	**26**	**26**

Directions: Courses required at a specific grade level are noted in the chart below. Students have flexibility in determining the year of study for the following graduation requirements: Endorsement electives, Fine Arts, and PE. Please use the Runge ISD Endorsement Coherent Sequence Charts to complete your schedule. The Endorsement Coherent Sequence Charts are located in the appendix of the Course Description Catalog.

Pds	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**
1	English I	English II	English III	English:
2	Algebra I	Geometry	Algebra II	College Prep Math or Pre-Calculus
3	Biology	Chemistry	Physics	Anatomy & Physiology
4	World History	World Geography	U.S. History	Government (½) / Economics (½)
5	Elective	Spanish I	Spanish II	Psychology (½) / Sociology (½)
6	Athletics/PE	Elective	Elective	Elective
7	Elective	Elective	Elective	Elective
Please List any High School Credits Earned in Middle School:				

Courses that will fill endorsement requirements are shaded

◆ Runge Independent School District ◆
Sample High School Four-Year Plan
Business & Industry Endorsement (Distinguished, Animal/Plant Science Option)

Graduation Plans 2014-15			
	Foundation	**+ Endorsement(s)**	**Distinguished**
Course	Credits	Credits	Credits
English	4		
Math	3	1	Incl. Algebra II
Science	3	1	
Social Studies	3		
Foreign Language	2		
Fine Arts	1		
PE	1		
Electives	5	2	
Total Credits for Graduation	**22**	**26**	**26**

Directions: Courses required at a specific grade level are noted in the chart below. Students have flexibility in determining the year of study for the following graduation requirements: Endorsement electives, Fine Arts, and PE. Please use the Runge ISD Endorsement Coherent Sequence Charts to complete your schedule. The Endorsement Coherent Sequence Charts are located in the appendix of the Course Description Catalog.

Pds	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**
1	English I	English II	English III	English:
2	Algebra 1	Geometry	Algebra 2	College Prep Math or Pre-calculus
3	Biology	Science:	Science:	Elective
4	World History or World Geography	Spanish I	U.S. History	Government (½) / Economics (½)
5	Principles of Ag	Floral Design	Spanish II	**Advanced Animal Science****
6	Elective	Elective	Livestock (½)/ Wildlife (½)	Elective
7	Athletics/PE	Elective	Elective	Elective
Please List any High School Credits Earned in Middle School:				

****Floral Design will satisfy the Fine Art requirement***

**Advanced Animal Science is the advanced CTE course and will also satisfy the 4th science requirement

*** Courses that will fullfill endorsement requirements are shaded

◆ Runge Independent School District ◆
Sample High School Four-Year Plan
Multidisciplinary (Distinguished, 4x4 option)

Graduation Plans 2014-15			
	Foundation	**+ Endorsement(s)**	**Distinguished**
Course	Credits	Credits	Credits
English	4		
Math	3	1	Incl. Algebra II
Science	3	1	
Social Studies	3		
Foreign Language	2		
Fine Arts	1		
PE	1		
Electives	5	2	
Total Credits for Graduation	**22**	**26**	**26**

Directions: Courses required at a specific grade level are noted in the chart below. Students have flexibility in determining the year of study for the following graduation requirements: Endorsement electives, Fine Arts, and PE. Please use the Runge ISD Endorsement Coherent Sequence Charts to complete your schedule. The Endorsement Coherent Sequence Charts are located in the appendix of the Course Description Catalog.

Pds	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Algebra II	College Prep Math or Pre-Calculus
3	Biology	Chemistry	Physics	Anatomy & Physiology
4	World History	World Geography	U.S. History	Government (½) / Economics (½)
5	Elective	Spanish I	Spanish II	Elective
6	Athletics/PE	Elective	Elective	Elective
7	Elective	Elective	Elective	Elective
Please List any High School Credits Earned in Middle School:				

****Specific courses that must be taken within the 4 x4 are shaded***

◆ Runge Independent School District ◆
Sample High School Four-Year Plan
Public Service Endorsement (Distinguished, Human Services Option)

Graduation Plans 2014-15			
	Foundation	**+ Endorsement(s)**	**Distinguished**
Course	Credits	Credits	Credits
English	4		
Math	3	1	Incl. Algebra II
Science	3	1	
Social Studies	3		
Foreign Language	2		
Fine Arts	1		
PE	1		
Electives	5	2	
Total Credits for Graduation	**22**	**26**	**26**

Directions: Courses required at a specific grade level are noted in the chart below. Students have flexibility in determining the year of study for the following graduation requirements: Endorsement electives, Fine Arts, and PE. Please use the Runge ISD Endorsement Coherent Sequence Charts to complete your schedule. The Endorsement Coherent Sequence Charts are located in the appendix of the Course Description Catalog.

Pds	9th Grade	10th Grade	11th Grade	12th Grade
1	English I	English II	English III	English IV or College Prep English
2	Algebra 1	Geometry	Algebra II	College Prep Math or Pre-Calculus
3	Biology	IPC	Chemistry	Anatomy & Physiology
4	World History or World Geography	Spanish I	U.S. History	Government (½) / Economics (½)
5	Principles of Human Services (½)/ Lifetime Nutrition & Wellness (½)	Interpersonal Studies (½)/ Child Development (½)	Spanish II	Elective
6	Elective	Elective	CHILD GUIDANCE**	FAMILY & COMMUNITY SERVICES
7	Athletics/PE	Elective	Elective	
Please List any High School Credits Earned in Middle School:				

Courses that will fulfill endorsement requirements are shaded
Courses will fulfill the advanced CTE requirement

◆ Runge Independent School District ◆
Sample High School Four-Year Plan
STEM Endorsement (Distinguished, Science Option)

Graduation Plans 2014-15			
	Foundation	**+ Endorsement(s)**	**Distinguished**
Course	Credits	Credits	Credits
English	4		
Math	3	1	Incl. Algebra II
Science	3	1	
Social Studies	3		
Foreign Language	2		
Fine Arts	1		
PE	1		
Electives	5	2	
Total Credits for Graduation	**22**	**26**	**26**

Directions: Courses required at a specific grade level are noted in the chart below. Students have flexibility in determining the year of study for the following graduation requirements: Endorsement electives, Fine Arts, and PE. Please use the Runge ISD Endorsement Coherent Sequence Charts to complete your schedule. The Endorsement Coherent Sequence Charts are located in the appendix of the Course Description Catalog.

Pds	**9th Grade**	**10th Grade**	**11th Grade**	**12th Grade**
1	English I	English II	English III	English IV
2	Algebra I	Geometry	Pre-Calculus	AP Calculus
3	Biology	Chemistry	Physics	Anatomy & Physiology
4	World History or World Geography	Spanish I	U.S. History	Government (½) / Economics (½)
5	Athletics/PE	Algebra II	Spanish II	Elective
6	Elective	Elective	Elective	Elective
7	Elective	Elective	Elective	Elective
Please List any High School Credits Earned in Middle School:				

****Courses that will fulfill endorsement requirements are shaded***

RUNGE HIGH SCHOOL

600 Reiffert Street/P.O. Box 158
Runge, Texas 78151
Ph: 830-239-4315
FAX: 830-239-4816

Principal: Brenda DeLaRosa

COLLEGE DAY

Student Name:_____Grade:_____

Name of College or University :_____

Date of Visit:_____Time:_____

_____
Student Signature

_____
College Representative Signature & Title

Pre-AP, AP, Dual Credit Contract

Name: _____ **Date:** _____

Course Title(s): _____ _____

Overview of the Pre-AP/AP/Dual Credit Program:
Pre-AP/AP/Dual Credit are advanced courses that are designed to challenge motivated students to understand more rigorous content. The curriculum for the courses is based upon the Texas Essential Knowledge and Skills (TEKS). Pre-AP courses prepare students for Advanced Placement (AP) courses in high school. AP courses are college-level courses taught in a high school setting. At the end of each AP course an AP exam is given. Qualifying scores on the AP exams can enable students to receive college credit and/or advanced standing at a university or college. Dual Credit courses allows a student to earn college credit and high school credit concurrently.

Entrance Guidelines:
Any student may enroll in a Pre-AP course. Although students do **NOT** have to qualify for the course through a test or grades, they will be expected to participate in and successfully demonstrate completion of above-grade level readings, projects, and activities. **Students must qualify for Dual Credit enrollment** (see pages 15 & 16 in Dual Credit Handbook)

Students who experience success in Pre-A/AP/Dual Credit courses on average exhibit the following characteristics:

- Reading on or above grade level
- Self-motivation and self-discipline
- Proficient verbal and written communication skills
- Grade of 90 or higher in academic classes or 80 or better in Pre-AP classes
- Scores at the Final Phase in or Advanced Level on a STAAR test closely related to the Pre-AP course considered.
- Techer recommendation

Course Expectations:
Students in a Pre-AP/AP/Dual Credit class are held to a higher level of expectation than in an academic class. Each student may be required to:

- Attend tutorials as needed
- Complete and submit all assignments, projects, or exams
- Do his/her own work on all assignments, projects, or exams.

Probation and Exit Guidelines for Pre-AP/AP:

- A student with parent permission may choose to exit a Pre-AP/AP course after the first six weeks.
- The teacher may review the student's grade at the end of the first six weeks and at the end of the semester. If the grade is a 75 or below the student may be put on probation. If the grade does not increase to a 75 after the probation period ends the student may be removed from the class. A grade below a 70 will result in an exit from the course
- If a change in a student course occurs, the student will continue to experience quality learning opportunities designed to prepare him/her for the high school or college curriculum.
- **Dual Credit Drop: Student must see counselor for drop form that must be signed and sent to CBC**

Student Agreement
I have read the expectations and the guidelines of the Pre-AP/AP/Dual Credit Course(s). I agree to organize my time and efforts to meet the requirements of each course. I will request help and attend tutorials if I fall behind in class assignments or am having difficulty with my coursework. I understand that my success in the Pre-AP/AP/Dual Credit course(s) is primarily my responsibility.

Student Signature:_____ Date: _____

Parent Agreement
I have read the guidelines and expectations of the Pre-AP/AP/Dual Credit course(s) and agree to support and encourage my son/daughter in his/her challenges in the course. I will notify the teacher immediately of any concerns I have relating to the Pre-AP class or my child's progress.
Parent Signature:_____ Date: _____

Endorsements with Coherent Sequences

RUNGE ISD ENDORSEMENT WITH FOUR YEAR COHERENT SEQUENCES

ARTS AND HUMANITIES					
		9TH	10TH	11TH	12TH
Arts and Humanities	**Fine Arts**	Music I Band	Music II Band	Music III Band	Music IV Band
Arts and Humanities	**Social Studies**	World Geography World Geography Adv World History World History Adv	World Geography World Geography Adv World History World History Adv	Choose2: US History or US History Dual Credit Sociology* General Psychology*	Choose 2: Government/Economics or Government/Economics Dual Credit Sociology* General Psychology*

*Dual Credit courses.

RUNGE ISD ENDORSEMENT WITH FOUR YEAR COHERENT SEQUENCES

BUSINESS AND INDUSTRY ENDORSEMENT					
Business and Industry		9TH	10TH	11TH	12TH
Agriculture	**Animal/Plant Science**	Principles of Ag* Livestock Production Wildlife and Fisheries Horticulture Landscape Design &Turf	Livestock Production Wildlife and Fisheries Floral Design Horticulture Landscape, Design, & Turf	Livestock Production Wildlife and Fisheries Floral Design Horticulture Landscape, Design, & Turf **ADVANCED ANIMAL SCIENCE*** **ADVANCED PLANT SCIENCE***	Livestock Production Wildlife and Fisheries Floral Design Horticulture Landscape, Design, and Turf **ADVANCED ANIMAL SCIENCE*** **ADVANCED PLANT SCIENCE***
Agriculture	**Industry**	Principles of Ag* Ag Mechanics	Ag Mechanics **AG POWER***	**AG POWER*** **AG FABRICATION & DESIGN***	**AG POWER*** **AG FABRICATION & DESIGN***
Finance	**Accounting**	Business Information Management I	Business Information Management II	Accounting I	**ACCOUNTING II***

*Principles of Ag is a required pre-requisite for all AG courses
*The third course or higher in the coherent sequence must be an advanced CTE course. Advanced CTE courses are listed in bold and in all caps. Courses may change pending instructor and course availability.

RUNGE ISD ENDORSEMENT WITH FOUR YEAR COHERENT SEQUENCES

MULTIDISCIPLINARY ENDORSEMENT					
		9th	10th	11th	12th
Multidisciplinary (Student is required to take 4 years each in English, math, Social Studies, and Science; including English IV, Chemistry, and/or Physics	**Core**		Chemistry Chemistry Advanced Physics Physics Advanced	Chemistry Chemistry Advanced Physics Physics Advanced	English IV
Multidisciplinary (Student is required to take four credits in dual credit from English, Math, Science, Social Studies, Economics, LOTE, or Fine Arts)	**Dual Credit**			US History English III Psychology Sociology	Government Economics English IV Psychology Sociology

RUNGE ISD ENDORSEMENT WITH FOUR YEAR COHERENT SEQUENCES

Public Service					
		9th	10th	11th	12th
Public Service	**Human Services**	Principles of Human Services And Choose 1: Interpersonal Studies Lifetime Nutrition & Wellness	Choose 2: Child Development Interpersonal Studies Lifetime Nutrition & Wellness	Choose 1: **ANATOMY & PHYSIOLOGY*** **CHILD GUIDANCE*** **COUNSELING & MENTAL HEALTH*** **FAMILY & COMMUNITY SERVICES***	Choose 1: **ANATOMY & PHYSIOLOGY*** **CHILD GUIDANCE*** **COUNSELING & MENTAL HEALTH*** **FAMILY & COMMUNITY SERVICES***
Public Service	**Education & Training**	Principles of Education & Training And Choose 1: Interpersonal Studies Lifetime Nutrition & Wellness	Choose 2: Child Development Interpersonal Studies Lifetime Nutrition & Wellness	Choose 1: **CHILD GUIDANCE*** **HUMAN GROWTH & DEVELOPMENT***	Choose 1: **INSTRUCTIONAL PRACTICES IN EDUCATION & TRAINING*** **CHILD GUIDANCE***

*The third course or higher in the coherent sequence must be an advanced CTE course. Advanced CTE courses are listed in bold and in all caps. Courses may change pending instructor and course availability.

RUNGE ISD ENDORSEMENT WITH FOUR YEAR COHERENT SEQUENCES

STEM				
STEM	9TH	10TH	11TH	12TH
STEM MATHEMATICS (Algebra II and 2 additional math courses for which Algebra II is a prerequisite)	Algebra I Algebra 1 Adv Geometry Geometry Adv	Geometry and Algebra II Geometry Adv and Algebra II Adv Algebra II Algebra II Adv	Pre-Calculus AP Statistics	AP Calculus AP Statistics
STEM SCIENCE (Algebra II, Chemistry, Physics, and 2 additional science courses)	Biology Biology Adv	Chemistry Chemistry Adv	Physics Physics Adv	Choose 2: *AP Chemistry *Anatomy & Physiology *Advanced Animal Science
STEM CUSTOM (Algebra II, Chemistry, Physics, and a coherent sequence of 3 additional credits from no more than two of the categories or disciplines from STEM)	Biology Biology Adv	Chemistry Chemistry Adv	Physics Physics Adv Choose 1: Pre- Calculus AP Statistics AP Chemistry Anatomy & Physiology Advanced Animal Science	Choose 2: AP Calculus AP Statistics AP Chemistry Anatomy & Physiology Advanced Animal Science