

**New Summerfield High School
Course Selection Guide
2015--2016
Plan Your Future!**



**Including: Graduation Requirements,
Policies and Procedures, and
General Academic Information**

(As of January 5, 2016)

New Summerfield ISD

Gregg Weiss, Superintendent

New Summerfield High School

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***Amendments to current board policy, administrative policy, and state law may affect the contents of this document.
Please note that this document is a work in progress and updates and changes may be found online on the New Summerfield ISD website.**

TABLE OF CONTENTS

Introduction.....	Page 4
Classification of Students	Page 5
Graduation Programs.....	Page 5
Texas Scholars.....	Page 7
Graduation Requirements.....	Page 8,9
Mandatory State Assessment	Page 10
Course Grading Scale	Page 11
Transcripts.....	Page 11
Grade Point Average.....	Page 11
Class Rank.....	Page 12
Graduation Plans.....	Page 12
Achieve Texas.....	Page 13
Administrative Schedule Change Policy	Page 14
Athletics.....	Page 15
Course Descriptions	Page 16
Dual/Concurrent Program.....	Page 37
Online Courses.....	Page 37
Local Credit.....	Page 38

INTRODUCTION

The purpose of the NSHS Course Guide is to provide a list and description of courses currently offered in the curriculum of New Summerfield High School. Students, parents, counselors, and other school staff may utilize this course guide to plan students' individual educational program for their high school years. Some elective courses may not be offered every year.

For each course, the guide provides the title, grade placement, credit value, prerequisites, and a brief description of the content. Courses are considered regular or standard curriculum unless otherwise stated. Additional sections of the guide contain a summary of New Summerfield High School graduation requirements, grade classification requirements and other information, which may be useful to a student or parent.

Other than courses taken at New Summerfield High School , students who meet the required conditions may also earn credit in the following ways:

- **Dual credit courses through Jacksonville College, Tyler Junior College or an approved TxVSN provider**
- **Correspondence courses through Texas Tech University**
- **Credit by Exam through Texas Tech University or Region 7 ESC**
- **College Level Examination Program (CLEP)**
- **Online Courses through the Super Network, or state approved universities**

****Students and parents are responsible for knowing requirements for graduation. Any questions should be addressed to the counselor or administration.**

CLASSIFICATION OF STUDENTS

Students are assigned to specific grade levels when they have earned the appropriate number of credits. Students will be placed in the proper grade at the beginning of the school year. They will remain in that grade level and participate in the activities of that grade level for the remainder of the school year. Senior status will be individually determined based upon expected graduation date.

Students falling behind in credits may be required to attend summer school and/or enroll in NSHS Credit Recovery Program to earn additional credits.

Freshman _____ 9th grade or 0 - 5.5 credits
Sophomore _____ 6-11.5 credits
Junior _____ 12- 17.5 credits
Senior _____ 18 or more credits*

GRADUATION PROGRAMS

A student entering Grade 9 in the 2007-2008 school year through the 2013-2014 school year, shall enroll in the courses necessary to complete the curriculum requirements for the Recommended High School Program or the Distinguished Achievement High School Program unless the student, the student's parent or other persons standing in parental relation to the student, and a school counselor or school administrator agree that the student should be permitted to take courses under the Minimum High School Program. Please check with the counselor for appropriate forms and program requirements.

The State of Texas seeks to recognize those students with exceptional achievement in high school. The Distinguished Achievement Program is for those students whose accomplishments are of such caliber as to be acknowledged on a national level. This program requires completing the Recommended Plan, taking one additional credit in foreign

language, specific math and science requirements (see counselor for details), meeting state requirements on state assessments, and completing four Advanced Measures in any combination:

1. Test data where a student receives:

- a. A score of three or above on a College Board advanced placement examination; or**
- b. A score on the Preliminary Scholastic Assessment Test (PSAT) that qualifies a student as a Commended Scholar or higher by the National 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.**

2. Dual/Concurrent College Course - a grade of 3.0 (Grade of B) or higher on courses that count for college credit including a tech prep program.

A student entering grade 9 in the 2014-2015 school year and thereafter shall enroll in the courses necessary to complete the curriculum requirements for the Foundation Graduation Plan with Endorsement or the Distinguished Graduation Plan with Endorsement in accordance with HB 5. Upon completion of the 10th grade, students and parents may request a change in graduation plan to the Foundation Plan. This decision will be made along with a school counselor or administrator. Please check with the counselor for the appropriate forms and program requirements. All students must meet state requirements on the five state assessments.

The Distinguished Graduation Plan with Endorsement is for those students who have chosen to include Algebra 2 as a part of their graduation plan. Students graduating under the Distinguished Graduation Plan with Endorsement may qualify for automatic admission to Texas colleges if they are ranked in the top 10% of their graduating class.

TEXAS SCHOLARS - High School and Beyond

Texas Scholars is an initiative of Texas Business and Education Coalition (TBEC). It is a community based initiative through which volunteers and educators work together to motivate students to take a more purposeful approach in high school, and plan for and work toward a career of their choosing after high school. To receive recognition as a Texas Scholar, students will be required to:

- *Graduate from high school having completed the Recommended High School Program, and**
- *Complete at least two courses while in high school eligible for college credit**

Students are designated as “Texas Scholars” on their transcripts upon graduation and completion of the above requirements. Find out more information about Texas Scholars at www.texasscholars.org

****The following page is a Summary of Graduation Requirements as updated in January 2010 for students entering grade 9 in the school year of 2007-2008 through 2013-2014.**

Subject Area	Recommended Plan	Distinguished Achievement Plan
English	Four credits to include: English 1,2,3,4	Four credits to include: English 1,2,3,4
Mathematics	Four credits to include: <ul style="list-style-type: none"> • Algebra 1 • Geometry • Algebra 2 The fourth credit may be: <ul style="list-style-type: none"> • Mathematical models with Applications, only if taken before Algebra 2. • Pre-Calculus • Independent Study in Mathematics (dual 	Four credits to include: <ul style="list-style-type: none"> • Algebra 1 • Geometry • Algebra 2 The fourth credit may be: <ul style="list-style-type: none"> • Pre-Calculus • Independent Study in Mathematics (dual credit courses)

	credit courses)	
Science	<p>Four credits to include:</p> <ul style="list-style-type: none"> • Biology • Chemistry • Physics <p>The additional credit may be IPC but must be successfully completed prior to Chemistry and Physics</p> <p>The fourth credit may be selected from:</p> <ul style="list-style-type: none"> • Earth and Space Science • Advanced Animal Science • Anatomy and Physiology • Advanced Biotechnology • Forensic Science • Scientific Research and Design (dual credit courses) 	<p>Four credits to include:</p> <ul style="list-style-type: none"> • Biology • Chemistry • Physics <p>Only after successful completion of Biology, Chemistry, and Physics, the fourth credit may be selected from:</p> <ul style="list-style-type: none"> • Earth and Space Science • Advanced Animal Science • Anatomy and Physiology • Advanced Biotechnology • Forensic Science • Scientific Research and Design (dual credit courses)
Social Studies	<p>Four credits to include:</p> <ul style="list-style-type: none"> • World Geography • World History • US History • Government/Economics 	<p>Four credits to include:</p> <ul style="list-style-type: none"> • World Geography • World History • US History <p>Government/Economics</p>
Foreign Language	Two credits in same language	Two credits in same language
Physical Education	<p>One credit from the following:</p> <ul style="list-style-type: none"> • Foundations of personal fitness • Team or Individual Sports <p>The classes listed above may not be taken more than once with credit awarded. Credit for any course listed above may be earned through participation in the following activities:</p> <ul style="list-style-type: none"> • Athletics (up to 4 credits) • Drill Team (only 1 credit) • Marching band (only 1 credit) • Cheerleading (only 1 credit) 	<p>One credit from the following:</p> <ul style="list-style-type: none"> • Foundations of personal fitness • Team or Individual Sports <p>The classes listed above may not be taken more than once with credit awarded. Credit for any course listed above may be earned through participation in the following activities:</p> <ul style="list-style-type: none"> • Athletics (up to 4 credits) • Drill Team (only 1 credit) • Marching band (only 1 credit) <p>Cheerleading (only 1 credit)</p>
Speech	<p>One-half credit from either:</p> <ul style="list-style-type: none"> • Communications Applications • Professional Communications 	<p>One-half credit from either:</p> <ul style="list-style-type: none"> • Communications Applications <p>Professional Communications</p>
Fine Arts	<p>One credit from:</p> <ul style="list-style-type: none"> • Art, Music, Theatre, Band 	<p>One credit from:</p> <p>Art, Music, Theatre, Band</p>
Elective Courses	Five and one-half credits	Five and one-half credits
Total Credits	26	26

The following page is a Summary of Graduation Requirements for students entering grade 9 in the year of 2014-2015 and thereafter:

Foundation Plan 22 Credits	Endorsements 26 Credits	Distinguished 26 Credits
<p>Requirements:</p> <p><u>English Language Arts -4 credits</u> English 1</p>	<p>Requirements:</p> <ul style="list-style-type: none"> • Foundation Program • Proper course selection to 	<p>Requirements:</p> <ul style="list-style-type: none"> • Foundation Program • At least one endorsement

<p>English 2 English 3 English 4 Advanced English</p> <p><u>Mathematics – 3 Credits</u> Algebra 1 Geometry Advanced Math</p> <p><u>Social Studies – 3 Credits</u> World History Studies US History Government Economics</p> <p><u>Science – 3 Credits</u> Biology IPC or Advanced Science Advanced Science</p> <p><u>Foreign Language or Substitute – 2 years</u> Year 1 Year 2</p> <p><u>Fine Arts – 1 Credit</u> Fine Arts</p> <p><u>Physical Education- 1Credit</u> Physical Education</p> <p><u>Electives- 5 Credits</u></p>	<p>meet the following areas:</p> <p><u>STEM</u> STEM Math- 2 Math Credits after Algebra 2 or STEM Science -2 Science Credits after Chemistry and Physics</p> <p><u>Business and Industry</u> 1 Math Credit 1 Science Credit</p> <p><u>Arts and Humanities</u> 1 Math Credit 1 Science Credit</p> <p><u>Public Services</u> 1 Math Credit 1 Science Credit</p> <p><u>Multidisciplinary Studies</u> 1 Math Credit 1 Science Credits</p> <p><u>**Additional credits for each endorsement:</u></p> <p><u>Electives – 2 Credits</u></p>	<ul style="list-style-type: none"> • Algebra 2 must be included <p>Eligible for top 10% Automatic Admission</p>
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*A specific **speech** course is not required; however, in order to receive a high school diploma, a student must demonstrate proficiency, as determined by the local school district. At New Summerfield High School, this requirement will be fulfilled in English 3.*

MANDATORY STATE ASSESSMENT

For students enrolled in 9th grade prior to 2011-2012:
The Texas Assessment of Knowledge and Skills (TAKS) is a criterion-referenced test that measures a student’s achievement in reading, mathematics, writing, science, and social studies. These tests reflect a close alignment with the state’s curriculum standards, the mastery of which is essential to all Texas

students. For more clarification regarding objectives, please contact your child's teacher or visit the TEA website:

www.tea.state.tx.us

- **Grade 9**-reading and math
- **Grade 10**-English language arts, mathematics, science, & social studies
- **Exit (Grade 11)**
English language arts: including at least English III and writing.
Mathematics: including at least Algebra I and Geometry
Social Studies: including early American History, World Geography, World History, and United States History.
Science: including at least Biology and Integrated Physics & Chemistry (IPC)

Students are required to pass all sections of the exit level test to meet graduation requirements. The first time students can take the exit level test is in the spring of 11th grade. If unsuccessful on one or more parts of this test the first time, he/she will retake that part again whenever it is given.

For students enrolled in 9th grade in 2011-2012 and thereafter: The State of Texas Assessment of Academic Readiness (STAAR) consisting of specific End of Course (EOC) assessments is required. To graduate, students must achieve a scale score that indicates Satisfactory Performance. *Students are required to earn a satisfactory score on the following STAAR tests: English I, English II, Algebra I, Biology, and US History.*

COURSE GRADING SCALE

Numerical grades are entered on the report card and academic achievement record (transcript). A student may determine his letter grade by comparing his numerical grade to the following scale.

A= 90 -100

B = 80 - 89

C = 70-79

F =69 and below

TRANSCRIPTS

Transcripts are the Academic Achievement Records used by colleges and universities to determine eligibility of students to enroll in their school or to receive scholarships. A request for a transcript should be made at least two (2) days in advance of when it is needed. (see example on next page) Please contact Clara Suarez for transcript.

Transcript Codes: A=Tech. Prep. Course
E=Credit by Examination J=HS Credit received prior to 9th Grade
P=Advanced Placement Course R=Summer School Course
W=PE Waiver
D=Dual Credit Course H=Honors Course L=Local Credit Q=Pre-Adv. Placement Course X=Innovative Course

GRADE POINT AVERAGE (GPA)

(For students who entered 9th grade in 2008-2009 and thereafter)

Academic honors for graduation shall be determined by cumulative grade point average calculated after the end of the 5th six weeks using grades from the last completed grading cycle. All courses that are or may be used to satisfy state graduation requirements will be used in the computation of GPA. This will include credit by examination, CLEP exams, correspondence, dual-credit, or on-line courses pre-approved by the campus administration. Credit recovery courses and courses that receive only a pass/fail grade will not apply. *Please note: Since GPA calculation does include dual credit grades, official GPA rankings cannot be completed prior to receipt of grades from participating institutions.*

Ranking

The District shall include the calculation of class rank only for grades earned for high school in the following core subjects needed for graduation: English, Mathematics, Science, and Social Studies. Students taking regular core courses will have that class added into the ranking at 7 points. Students taking

Dual Credit Courses will have that course added into the ranking at 10 points and any Dual Credit Course that is not a core subject course will be added into the ranking at 4 points. Students graduating on the minimum plan will be ranked after those graduating on the recommended or distinguished plan. This policy is to take effect for all dual credit classes taken from Fall 2014 forward.

CLASS RANK

Class rank is used to determine Valedictorian, Salutatorian, admission to a university, and by scholarship committees to award scholarships. It is based on the grade point average and how each student compares to other students in the same grade. Students are often listed as the top ten percent, the top twenty-five percent, the top fifty percent, etc.

Students use class rank when applying for scholarships and admission to colleges. Class rank will be figured when GPA is calculated.

Valedictorian and Salutatorian will be officially determined at the end of the 5th six weeks. Students must be enrolled and attend New Summerfield High School for a minimum of two (2) years, both 11th and 12th grades, to be eligible for Valedictorian or Salutatorian.

Graduation Plans

The Six Year or Graduation plan, when completed by a student, becomes a guide students use to ensure they meet all graduation requirements and prepare for education or work beyond high school. Therefore, students should carefully plan their six year program to ensure that all the courses they take will:

- Fulfill all of the requirements for high school graduation.**
- Help achieve future career goals.**
- Provide the academics or skills needed to continue in further education or training to pursue chosen career.**

Students and their parents are encouraged to review the plan

annually and revise it when necessary to meet changing career goals. The counselors are available throughout the year for conferences to assist students with educational planning for their careers.

After carefully studying the requirements for graduation and thoughtfully considering their career goals, each student should, with the help of counselors and parents, be prepared to make wise decisions in planning a high school program that will prepare them for further education or training after graduation. Students will complete their plans at the beginning of high school and update them annually.

[Achieve Texas](#)

What is Achieve Texas?

Welcome to Achieve Texas which is a new education initiative designed to prepare students for a lifetime of success. It allows students to achieve excellence by preparing them for secondary and postsecondary opportunities, career preparation and advancement, meaningful work, and active citizenship.

Achieve Texas is designed to help students (and their parents) make wise education choices. It is based on the belief that the curricula of the 21st century should combine rigorous academics with relevant career education. When schools integrate academic and technical education, students can see the “usefulness” of what they are learning. The system also facilitates a seamless transition from secondary to postsecondary opportunities.

This initiative uses the sixteen federally defined Career Clusters of the States’ Career Clusters initiative (www.careerclusters.org) as the foundation for restructuring how schools arrange their instructional programs. A Career Cluster is a grouping of occupations and broad industries based on commonalities. The sixteen Career Clusters provide an organizing tool for schools, small learning communities, academies, and magnet schools. Career programs of study (POS) have been developed for each of the Career Clusters. The POS represent a recommended

sequence of coursework based on a student's interest or career goal.

For more information visit www.achievetexas.org or www.tea.state.tx.us/cte. For further information please check out:

ADMINISTRATIVE POLICY REGARDING SCHEDULE CHANGES

Each spring semester, students select courses for the upcoming school year. A master schedule of courses is developed based upon student interest, state requirements, class size, and teacher certifications. For this reason, students will have very limited opportunity to make changes after the schedules are submitted.

Schedule changes must be pre-approved prior to the first day of class. The only exceptions to this policy will be (1) program changes outside of the students control, (2) adjustments for class sizes, (3) an error on the part of the school district, or (4) students being removed from extracurricular activities. Students are encouraged to seek additional guidance from their counselor prior to making final course requests, if needed. For any other schedule change, the campus principal must approve and decisions are final.

Spring schedule changes must be requested in writing and submitted to the counselor for approval from the campus principal at the beginning of December. This form may be picked up in the counseling office. Granted requests will only take effect after the completion of the fall semester. A regular course failure will not justify the need for schedule changes. Students will not be given the opportunity to make changes once school begins in January.

NOTE: It is imperative for parents to meet with their child's teacher if he/she is struggling in the course. This should be done prior to scheduling any appointment with a counselor or administrator.

Athletics

- Parent and coach permission form must be submitted in the spring semester prior to fall enrollment.
- Once classes begin, students are committed to the athletics class with the exception of decisions made by coaches and principal approval only.
- Students dropping athletics may be moved into another course, but credit may not be given. If a suitable course is not available, students will be required to remain in athletics and continue participating during the scheduled class time.

Removal from a Teacher's Room for Failing Grades

Removal from a teacher's room will require the following steps:

- Meeting with teacher, counselor, and administrator
- Student must attend tutorials for a minimum of 3 weeks
- Final decision will be with the principal
- If removal is granted, it will occur only at the end of the grading period

COURSE DESCRIPTIONS

New Summerfield High School provides a sound curriculum of academic courses, academic electives, designated career pathways, and local electives to meet the needs of all students attending our high school.

For each course, you will find the name of the course, the grade placement, the credit value, the prerequisite (if applicable), and a brief description of the content.

ENGLISH LANGUAGE ARTS

English 1 (EOC Tested Subject)

A balanced course stressing (1) the composing process to plan and generate writing while evaluating and proofreading for correctness, (2) learning traditional grammar as an aid to writing sentences with a variety of structures while stressing word choice to convey intended meaning, (3) recognizing the differences in various literary genres and using basic literary terminology, and (4) developing reading and thinking skills necessary for comprehension.

Grade: 9th

Credit: 1 unit

English 2 (EOC Tested Subject)

A balanced study of literature, grammar, reading, and composition skills, including a more advanced study of grammar and correct usage; a wider range of writing experiences stressing unity, clarity, and coherence; additional literary analysis, terms, and concepts; and continued development of reading concepts and skills including increased use of library resources.

Prerequisite: English 1

Grade: 10th

Credit: 1 unit

English 3

A study of grammar, composition, and research paper writing combined with a study of American literature which involves surveying literary forms, figurative language, literary style, and literary time periods. (This course will also include TEKS, or the curriculum, for Communication Applications)

Prerequisite: English 2

Grade: 11th

Credit: 1.5 units: 1 unit for English & 1/2 unit for Communication Applications

English 4

The course consists of grammar and sentence structure, logical organization and development of compositions, and comprehension of themes and styles of British literature.

Prerequisite: English 3

Grade: 12th

Credit: 1 unit

English 4/English 1301 & 1302 (Dual Credit)

A review of the fundamentals of composition: grammar, punctuation, diction, and sentence structure; development of paragraphs and the essay; extensive theme writing in exposition and argument, including a unit on logic. Critical analysis of literature and intensive research for a fully documented research paper; a continuation of writing skills begun in ENGL 1301. This course can be taken in the place of English 4 to meet graduation requirements.

Prerequisite: English 3, acceptance in the dual/concurrent program.

Grade: 12th

Credit: 1 unit Advanced

Basic English

Students are instructed in fundamental grammar and reading comprehension according to their IEP.

Prerequisite: ARD Committee recommendation

Grade: 9th _ 12th

Credit: 1-4 units, basic

College Prep English Course

This course is designed for the student who plans to pursue an academic college route after high school but has not been successful on TSI; and for the student who has not been successful on the English 2 EOC. This course will be an elective credit for seniors of the 2014-2015 and 2015-2016 school years.

Grade: 12th

Credit: 1/2 or 1 unit, elective

English as a Second Language (ESL)

Designed for the student of limited English proficiency (LEP); that is, a student whose primary language is not English and/or who comes from a home where the primary language is other than English.

Prerequisite: selection only

Grade: 9th _ 12th

Credit: 1/2 or 1 unit

MATHEMATICS

Algebra 1(EOC Tested Subject)

Develops the basic properties of the number system and makes it possible to simplify and generalize the solution of problems by the use of variables. Covers linear and quadratic functions, solving equations and inequalities, exponents and polynomials. The next recommended course is Geometry.

Grade: 9th

Credit: 1 unit

Geometry

Combines the study of two and three dimensional figures in space emphasizing the properties of these figures: congruence, equality, similarity and inequalities. Introduces two-column proofs and stresses a systematic approach to logic. The next recommended course is Algebra II or Mathematical Models with Applications.

Prerequisite: Algebra 1

Grade: 9th _ 10th

Credit: 1 unit

Mathematical Models with Applications

Students use algebraic, graphical and geometric reasoning to recognize patterns and structure, to model information, and to solve problems from various disciplines. Students use mathematical methods to model and solve real-life applied problems involving money, data, chance, patterns, music, design, and science. Mathematical models from algebra, geometry, probability and statistics, and technology are used to solve application problems in both mathematical and non-

mathematical situations. The next recommended course is Algebra II.

Prerequisite: Algebra I and Geometry

Grade: 11th

Credit: 1 unit

Algebra 2

Extends the development of the real number system into the complex number system. Includes a study of polynomials, quadratic equations, functions, exponents, logarithms, conic sections, sequences and series, probability, and trigonometry.

Prerequisite: Algebra 1 and Geometry

Grade: 10th-12th

Credit: 1 unit

Pre-Calculus T

The major emphasis will be the examination of polynomial, rational, trigonometric, exponential, and logarithmic functions. The course is taught from a functional approach integrating the topics of trigonometry, elementary analysis, analytic geometry, and number theory.

Prerequisite: Algebra 2

Grade: 11th- 12th

Credit: 1 unit

College Prep Math Course

This course is designed for the student who plans to pursue an academic college route after high school but has not been successful on TSI; and for the student who has not been successful on the Algebra I EOC. This course will be an elective credit for seniors of the 2014-2015 and 2015-2016 school years.

Grade: 12th

Credit: 1/2 or 1 unit, elective

Dual Credit Mathematics (Independent Study in Mathematics)

Prerequisite: Meet dual credit program requirements; Algebra 2 or Pre- Calculus .

Grade: 12th

Credit: 1 unit advanced

Basic Courses (Basic Algebra 1, Basic English 1, etc.)

Students are instructed with modified curriculum standards for specific courses. The amount of modification is decided by an ARD committee and written in the student's IEP.

Prerequisite: ARD Committee recommendation

Grade: 9th-12th

Credit: 1 unit basic

Applied Math (Applied Algebra 1, Applied Geometry, Applied Math Models)

Students are instructed in fundamental math skills according to their IEP.

Prerequisite: ARD Committee recommendation

Grade: 9th -12th

Credit: 1 unit basic

SCIENCE

Integrated Physics and Chemistry (IPC)

This is a laboratory oriented course about the nature of things that make up the universe. Topics include matter, atomic structure, basic chemistry, electricity, magnetism, motion, and light & sound waves. ***For students entering 9th grade before 2013-2014 school year: This course may not be taken under the Distinguished plan. If on the recommended plan, IPC must be successfully completed prior to physics.

Grade: 9th - 10th

Credit: 1 unit

Biology (EOC Tested Subject) Laboratory oriented study of the structure, growth, and function of the life systems of selected organisms. Topics include biochemistry, cell theory, evolution, respiration, photosynthesis, botany, zoology, taxonomy, genetics, anatomy, physiology, and ecological sciences. Recommended during the 9th grade year for students pursuing STEM or Health Science endorsements.

Grade: 9th _ 10th Credit: 1 unit

Chemistry

Laboratory oriented study of the composition, structure, and behavior of matter. Classification, nomenclature, measurement,

behavior, and subatomic structure are addressed. The quantitative measurement, calculation of chemical quantities, and behavior in various types of reactions are emphasized. Introduction to nuclear and organic chemistry is included.

Prerequisite: Algebra 1

Grade: 10th - 12th

Credit: 1 unit

Physics

This course studies matter and energy and the relationship between them. Topics include Newton's laws of motion, universal gravitation thermodynamics, sound, light, electricity, and magnetism.

Prerequisite: Algebra 1 and Biology

Grade: 10th - 12th

Credit: 1 unit

Anatomy and Physiology of Human Systems

This is a course designed to give students a thorough knowledge of the structure and function of the human body. The course is focused on five principal areas: organization, support and movement, control systems, maintenance, and continuity. Homeostasis and pathology are considered in all areas.

Laboratory work is an integral part of the course. This course will count as a Health Science credit toward the endorsements.

Prerequisite: Biology, Chemistry, Physics

Grade: 12th

Credit: 1 unit

Food Science

This laboratory based course is a study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. Students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. This course gives one credit toward the Human Services and Hospitality and Tourism endorsements.

Prerequisite: Biology, Chemistry, Physics

Grade: 12th

Credit: 1 unit

Forensic Science

Forensic Science is a course that uses a structured and scientific approach to the investigation of crimes of assault, abuse and neglect, domestic violence, accidental death, homicide, and the psychology of criminal behavior. Students will learn terminology and investigative procedures related to crime scene, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science.

Prerequisite: Biology, Chemistry, Physics

Grade: 12th

Credit: 1 unit

Earth and Space Science

Earth and Space Science provides a study of the earth's lithosphere, atmosphere, hydrosphere, and its celestial environment. This course emphasizes the study of energy at work in forming and modifying earth materials, land forms, and continents through geological time. Students have opportunities to gain an understanding of the history of the development of the earth and space sciences, to explore the uses of knowledge of the earth and its environment in various careers, and to cope with problems related to personal needs and social issues.

Prerequisite: Biology, Chemistry, and Physics

Grade: 12th

Credit: 1 unit

Environmental Science

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.

Prerequisites: Biology, Chemistry and Physics

Grade: 12th

Credit: 1 unit

SOCIAL STUDIES

World Geography

A general study of the interaction of people and their physical environments in the major areas of the world. Emphasis will be on the cultural forces that shape individuals. Students may choose to take this course as an academic elective.

Grade: 9th - 12th

Credits: 1 unit

World History

A general study of the development of early civilizations, western civilization, and other world regions from their early days to the present.

Grade: 10th

Credit: 1 unit

United States History (EOC Tested Subject)

A general study of the economic, political, social, cultural, and geographic events from 1877 to the present.

Grade: 11th

Credit: 1 unit

US History 1301 & 1302 (Dual Credit Course)(EOC Tested Subject)

The development of American characteristics and nationality from the early European exploration through the Reconstruction Period (1877). The history of the US from Reconstruction to the present time. These courses may be taken in the place of US

History to meet graduation requirements.

Prerequisite: completion of application and acceptance into the dual/concurrent program and TSI complete or exempt in one area.

Grade: 11th

Credit: 1 unit advanced

United States Government

A study of the foundation of the United States' political participation, the development of U.S. governmental system, and the structure and functions of the government.

Grade: 12th

Credit: 1/2 unit

US Government 2305 (Dual Credit Course)

Origin and development of the U.S. constitution, structure and powers of national government including the legislative, executive, and judicial branches, federalism, political participation, the national election process, public policy, civil liberties and civil rights.

Prerequisite: Acceptance in the dual/concurrent program

Grade: 12th

Credit: 1/2 unit advanced

US Government 2306 (Special Topics in Social Studies) (Dual Credit Course)

Origin and development of the Texas constitution, structure and powers of state and local government, federalism and inter-governmental relations, political participation, the election process, public policy, and the political culture of Texas.

Prerequisite: completed application and acceptance in the dual/concurrent program,

Grade: 12th

Credit: 1/2 unit advanced elective

Psychology

In Psychology, an elective course, students study the science of behavior and mental processes. Students examine the full scope of the science of psychology such as the historical framework, methodologies, human development, motivation, emotion,

sensation, perception, personality development, cognition, learning, intelligence, biological foundations, mental health, and social psychology. Students planning to take Psychology 2301 through dual credit should not take this course as they cannot gain credit for both.

Grade: 10th-12th

Credit: 1/2 unit

Psychology 2301 (Dual Credit Course)

A basic overview of the discipline known as psychology and a brief history of this field. Attention will be focused on such areas as: interaction of heredity, environment, and maturation; personality and mental health; psychopathology; sexuality; and aging and death. This course can be taken as a state elective credit toward graduation requirements while also earning college credit.

Prerequisite: completion of application and acceptance into the dual/concurrent program

Grade: 11th-12th

Credit: 1/2 unit advanced

Sociology

Sociology, an elective course, is an introductory study in social behavior and organization of human society. This course will describe the development of the field as a social science by identifying methods and strategies of research leading to an understanding of how the individual relates to society and the ever changing world. Students will also learn the importance and role of culture, social structure, socialization, and social change in today's society.

Grade: 10th - 12th

Credit: 1/2 unit

Principles of Law, Public Safety, Corrections, and Security

Principles of Law, Public Safety, Corrections, and Security introduces students to professions in law enforcement, security, corrections, and fire and emergency management services. Students will examine the roles and responsibilities of police, courts, corrections, private security, and protective agencies of fire and emergency services. The course provides students with

an overview of the skills necessary for careers in law enforcement, fire service, security, and corrections.

Grades: 9th - 12th

Credit: 1/2 to 1 unit

ECONOMICS

Economics and Free Enterprise

A study of the basic principles concerning production, consumption, and distribution of goods and services. American and international economic systems are explored.

Grade: 12th

Credit: 1/2 unit

LANGUAGES OTHER THAN ENGLISH

Spanish 1

An introduction to the study of the Spanish language and culture. This course stresses basic conversation, grammar, and vocabulary through memorization, listening comprehension, and reading comprehension as well as oral and written practice.

Grade: 9th - 12th

Credit: 1 unit

Spanish 2

A study of Spanish language and culture. More emphasis on grammar, reading and writing with translation and independent research skills. Includes introduction to Hispanic art, music, history, geography, and drama.

Prerequisite: Spanish 1

Grade: 10th - 12th

Credit: 1 unit

Spanish 3

A continuing study of the Spanish language and culture with an

introduction to Spanish literature. Role-playing, composition, and translation skills are emphasized. ***Required under the Distinguished Program

Prerequisite: Spanish 2

Grade: 11th _ 12th Credit: 1 unit

French 1

An introduction to the study of the French language and culture. This course stresses basic conversation, grammar, and vocabulary through memorization, listening comprehension, and reading comprehension as well as oral and written practice.

Grade: 9th - 12th

Credit: 1 unit

French 2

A study of French language and culture. More emphasis on grammar, reading and writing with translation and independent research skills. Includes introduction to French art, music, history, geography, and drama.

Prerequisite: French 1

Grade: 10th - 12th

Credit: 1 unit

FINE ARTS

Students may fulfill fine arts and/or elective requirements for graduation by successfully completing the following fine arts courses.

Art 1

Investigation and use of the elements and principles of design to create original works of art. Students will examine objects and the work of artists of the past and present. Includes basics such as drawing and shading, design, color mixing, and figure drawing.

Grade: 9th - 12th

Credit: 1 unit

Art 2

An advanced art class where the students will work with the elements and principles of design to create original works of art. Included will also be a more in-depth study in drawing, art history, painting, design and art criticism.

Prerequisite: Art 1

Grade: 10th - 12th

Credit: 1 unit

Art 3

This course is designed for the serious art student. Art history, aesthetics and criticism are included. Prerequisite: Art 2

Grade: 11th - 12th

Credit: 1 unit

Art 4

This course is designed for the serious art student. Art history, aesthetics and criticism are included.

Prerequisite: Art 3

Grade: 11th - 12th

Credit: 1 unit

Theatre Arts I

The base for all subsequent theatre courses and serves as a general introduction to all of the fundamental aspects of the theatre that range from creative use of technical production skills to the exploration of acting techniques. The course will focus on both the acting and technical aspects involved in the total theatre experience. This course is a prerequisite for all other theatre courses.

Grade: 9th _ 12th

Credit: 1 unit

Theatre Arts 2 and 3

Students will be provided opportunities to develop acting skills by participation in audition, rehearsal and performance.

Students will also explore technical theatre by participation on technical crews and technical design in the areas of lights, sound, costume, makeup and set.

**Prerequisite: Teacher approval
Theatre Arts I
Grade: 10th - 12th
Credit: 1 - 3 units**

SPEECH

Communications Applications and Dual credit speech are the only courses that will satisfy the State graduation speech requirement allowing other speech- related courses to be selected for elective credit.

Communication Applications (Speech)

This course includes informative-persuasive speaking, demonstration speeches, and commercials. *Required for graduation.* This course is satisfied upon successful completion of English 3 or Basic English 3 taken at New Summerfield High School.

**Grade: 11th
Credit: 1/2 unit**

Professional Communications (May substitute for Speech)

Students will develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research. Each student will make formal and informal presentations, and apply ethical business practices. Nonverbal communication skills include eye contact, handshake, and use of space and distance. Verbal communications include proper introductions, telephone etiquette, interviews, and appropriate conversations and constructive criticism as used in a business setting.

**Prerequisite: None
Grades: 9th - 12th
Credit: 1/2 unit**

PHYSICAL EDUCATION

Foundations of Personal Fitness (PE1A) This course is the textbook portion of physical education. The basic purpose of this course is to motivate students to strive for lifetime personal

fitness with an emphasis on the health-related components of physical fitness.

Grade: 9th - 12th

Credit: 1/2 - 1 unit

Physical Education Individual Sports (PE IS)

This course provides students with an opportunity to develop physical abilities as well as mental, social, and emotional abilities. Activities include physical fitness such as aerobics, track and field, and weight training; life long sports such as golf and tennis, and dual sports such as ping pong and badminton.

Grade: 9th - 12th

Credit: 1/2 - 1 unit

Physical Education Team Sports (PE TS)

This course provides students with an opportunity to develop physical abilities as well as mental, social, and emotional abilities. Activities include basketball, soccer, flag football, volleyball, and softball.

Grade: 9th - 12th

Credit: 1/2 - 1 unit

For additional information regarding Physical Education:

Athletics I-IV

Athletics is provided as an extra-curricular activity for both male and female students who possess such abilities. Mental and social growth are stressed along with an emphasis on emotional control, proper attitude, team work, and maintenance of eligibility through grades. Off-season programs are provided for the athletes when their sport is not in season to further enhance their effectiveness in competition. New Summerfield competes in UIL basketball, baseball/softball, cross-country, track, golf, soccer, and tennis for both males and females.

Prerequisite: selection by coaches

Grade: 9th - 12th

Credit: 1/2 unit per semester (up to 4 units)

TECHNOLOGY APPLICATIONS

Business Information Management I

Students will learn word processing technology including business letters, reports, newsletters, and tables. Applications for spreadsheets will include formulas, percentages, decimals, charts and graphs. Applications for databases will include sorting and organizing data, search and queries, and data retrieval. An introduction to desktop publishing will include creating templates, using drawing tools and fills, importing and working with graphics, column layouts, and drop caps. Students will also create and deliver multimedia presentations and create a Web page containing links, graphics, and text.

Grades: 9th - 12th

Credit: 1 unit

Yearbook 1-4

This course teaches and applies the journalistic writing, editing, and graphic skills necessary to produce the yearbook. Students develop skills in news judgment, fact gathering, journalistic writing, headline writing, photojournalism, caption writing, graphic design and layout, proofing, editing, and advertising skills.

Prerequisite: none: 9th - 12th

Credit: 1 unit

BUSINESS AND MARKETING

Business Law

Introduces law and the origins and necessity of the legal system; provides insight into the evolution and development of laws that govern business in our society; develops and understanding of how organization and operation of the legal system impact business; develops an understanding of rights and duties within the business environment.

Prerequisite: none

Grade 11th – 12th

Credit ½ - 1 unit

Dollars and Sense

This course focuses on consumer practices and responsibilities, the money management process, decision making skills, the impact of technology on financial management, and preparation for careers in business and/or technology. Skills developed include practice in budgeting, comparing types of loans, calculating interest, investment/retirement planning, stock market investments, banking, consumer rights, maintaining personal records, economic trends and regulations, and consumer services.

Recommended Prerequisite: Principles of Human Services or Principles of Hospitality and Tourism

Grade: 11th – 12th

Credits: ½ unit

AGTICULTURAL SCIENCE

Principles of Agriculture, Food & Natural Resources

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.

Prerequisite: None

Grades: 9th - 12th

Credit: 1 unit

Agricultural Mechanics and Metal Technologies

Develops proficiency in many welding skills. Students will be expected to use the cutting torch and MIG Welders. Students must weld in several welding positions, which include flat, horizontal, and vertical. The course develops an understanding of tool operation, electrical wiring, plumbing, carpentry, and metal working techniques.

Prerequisite: Recommended-Principles of Agriculture, Food, and Natural Resources

Grades: 10th - 12th

Credit: 1 unit

Equine Science

This course is designed to prepare students for careers in the field of animal science. Suggested animals which may be included in the course of study include, but are not limited to horses, donkeys, and mules.

Prerequisites: None

Grades: 10th - 12th

Credit: 1/2 unit

Food Technology and Safety

This course examines the food technology industry as it relates to food production, handling, and safety. The student will develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. This course will be paired with Small Animal Management and will be offered on alternating years.

Prerequisite: None

Grades: 10th - 12th

Credit: 1/2 unit

Livestock Production

This course is designed to prepare students for careers in the field of animal science. Animal species to be addressed in this course may include, but are not limited to, beef cattle, dairy cattle, swine, sheep, goats, and poultry. This course is paired with Equine Science and offered on alternating years.

Prerequisite: None

Grades: 10th - 12th

Credit: 1/2 unit

Small Animal Management (Agriculture, Food & Natural Resources Cluster) This course focuses on working in small animal industry, animal rights and welfare, career opportunity in small animal care. This course is recommended for those that have an interest in the Veterinary Science field. This course is paired with Food Technology and Safety and offered on alternating years.

Prerequisite: None Grades: 9th - 12th

Credit: 1/2 unit

Veterinary Medical Applications

To be prepared for careers in a field of animal science, students need to attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the work place, and develop knowledge and skills regarding career opportunities, entry requirement, and industry expectations. To prepare for success students need opportunities to learn, reinforce, apply, and transfer knowledge and skills, and technologies in a variety of settings. Topics covers in this course include, but are not limited to, veterinary practices as they relate to both large and small animal species.

Grade: 11th -12th

Credit: 1 Unit

Medical Terminology

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. This course allows students to achieve comprehension of medical vocabulary appropriate to medical procedures, human anatomy and physiology, and pathophysiology.

Prerequisite: None

Grades: 9th -12th

Credit: 1/2 unit

FAMILY AND CONSUMER SCIENCES EDUCATION

Principles of Hospitality and Tourism

The hospitality and tourism industry encompasses lodging, travel and tourism, recreation, amusements, attractions, and resorts; and restaurants and food beverage service. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry.

Grade: 9th _ 12th

Credit: 1 unit

Child Development

This course addresses knowledge and skills related to child growth and development from prenatal through school-age children. Students will become equipped with child development knowledge that can be used to promote the well-being and healthy development of children and to investigate careers related to the care and education of children.

Prerequisite: Recommended, Principles of Human Services

Grades: 10th - 12th

Credit: 1/2-1 unit

Culinary Arts

This laboratory-based course begins with the fundamentals and principles of the art of food preparation and includes management and production skills and techniques. Students can pursue a national sanitation certification and other appropriate industry certifications. The knowledge and skills required for careers in the restaurant, food, and beverage industry are practiced as food is prepared for campus based restaurant.

Prerequisite: Recommended, Principles of Human Services

Grades: 10th - 12th

Credit: 1-2 units

Lifetime Nutrition and Wellness

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, human services, and health sciences. Laboratory experiences will focus on the integration of nutrition and wellness knowledge with basic food preparation and management skills. This course will be paired with Restaurant Management.

Prerequisite: Recommended, Principles of Human Services/Principles of Hospitality and Tourism

Grades: 10th - 12th

Credit: 1/2-1 unit

Practicum in Culinary Arts

This course is a unique practicum that provides occupationally specific opportunities for students to participate in a learning experience that combines classroom instruction with actual business and industry career experiences.

Grade: 12th

Credit: 2-3 units (3rd unit based on outside hours)

DUAL/CONCURRENT PROGRAM

Dual Credit/Technical/Vocational courses

11th and 12th graders: minimum Work Keys requirements Texas Virtual School Network: Students may choose to participate in dual credit courses through a provider for the TxVSN, Jacksonville College, Permin Basin, or Tyler Jr. College.

Eligibility requirements for each is different and you will need to contact the representative from the particular institution you are wishing to take classes for requirements.

Prerequisite: application and acceptance

Grade: 11th _ 12th

Credit: 1/2 - 1 unit advance

Online Courses

Additional information regarding on-line instruction is available for course/credit recovery and for courses not offered in a face-to-face instructional format via TxVSN , Supernet and Odysseyware. (Examples may include German, French, etc.) Students interested in these courses should be prepared to work independently.

Additional information regarding On-Line Instruction:

Please note: Local Electives do NOT satisfy requirements for graduation

Student Assistant (Aide)

Students will learn clerical skills such as filing, record keeping, and other office related skills. Students are expected to be trustworthy, dependable, and confidential in their work in these various areas. Students must complete an application to be considered for these positions

Prerequisite: application, excellent attendance, selection
Grade: 11th - 12th
Credit: none

LOCAL CREDIT COURSES

Local credit course do not give credits toward graduation.