

New Summerfield High School
Course Guide
2020—2021



Plan Your Future!

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

(As of August 19, 2020)

New Summerfield ISD

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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.**

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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 Tyler Junior College or an approved TxVSN provider
- Credit by Examination through state approved programs
 - College Level Examination Program (CLEP)
 - Texas Tech University ISD
 - UT High-Austin
- Online Courses through Edgenuity

**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	9 th Grade	0 to 5.5 credits
Sophomore	10 th Grade	6 to 11.5 credits
Junior	11 th Grade	12 to 17.5 credits
Senior	12 th Grade	18 + credits

GRADUATION PROGRAMS

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 students' sophomore year, 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 after being advised of the options. 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.

New Summerfield ISD Graduation Requirements Grades 9-12

Discipline	Foundation	Endorsement	Distinguished
English	4 Credits English 1, 2, 3, and an additional credit	4 Credits English 1, 2, 3, and an additional credit	4 Credits English 1, 2, 3, and an additional credit
Mathematics	3 Credits To include Algebra I, Geometry, & an upper level Math	4 Credits To include Algebra I, Geometry, and 2 upper level Maths	4 Credits To include Algebra I, Geometry, Algebra 2, and an upper level Math
Science	3 Credits To include Biology and 1 of the following: IPC, Chemistry, or Physics and an upper level Science	4 Credits To include Biology and 1 of the following: IPC, Chemistry, or Physics and 2 upper level Sciences	4 Credits To include Biology and 1 of the following: IPC, Chemistry, or Physics and 2 upper level Sciences
Social Studies	3 Credits To include World Geography or World History, US History, Government (0.5) & Economics (0.5)	3 Credits To include World Geography or World History, US History, Government (0.5) & Economics (0.5)	3 Credits To include World Geography or World History, US History, Government (0.5) & Economics (0.5)
Foreign Language	2 Consecutive Credits	2 Consecutive Credits	2 Consecutive Credits
Physical Education	1 Credit	1 Credit	1 Credit
Fine Arts	1 Credit	1 Credit	1 Credit
Electives	5 Credits	7 Credits	7 Credits
Total Credits	22 Credits	26 Credits	26 Credits
Endorsement Declaration Options		*STEM (requires Alg 2, Chem, Physics) *Business & Industry *Public Services *Arts & Humanities *Multi-Disciplinary	*STEM (requires Alg 2, Chem, Physics) *Business & Industry *Public Services *Arts & Humanities *Multi-Disciplinary
Additional Considerations	Meet required performance standards on state assessments/STAAR EOC: English I English II Algebra I Biology US History	Meet required performance standards on state assessments/ STAAR EOC: English I English II Algebra I Biology US History	Meet required performance standards on state assessments/STAAR EOC: English I English II Algebra I Biology US History

MANDATORY STATE ASSESSMENT

For students enrolled in 9th grade in 2011-2012 and thereafter:

The State of Texas Assessment of Academic Readiness (STAAR) End of Course (EOC) assessments are required. To graduate, students must achieve a scale score that indicates mastery at Approaches Grade Level, Meets Grade Level, or Masters Grade Level. *Students are required to earn a satisfactory score on the following STAAR EOC 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 a complete academic record of a student's time in high school. The transcript, also known as the Academic Achievement Record, is used by colleges and universities to determine admission eligibility of students and 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 Marina Francis for transcript requests.

Transcript Codes:

A=Tech. Prep. Course

E=Credit by Examination

J=HS Credit received prior to 9th Grade

R=Summer School Course

W=PE Waiver

D=Dual Credit Course

H=Honors Course

L=Local Credit

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 3rd nine weeks using grades from the previous completed grading cycles. 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 will be calculated with dual credit grades as they stand at the close of the 3rd nine weeks.

Class Rank

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 GPA at 7 points. Students taking Honors classes will have that course added into the GPA at 8.5 points. Students taking Dual Credit Courses will have that course added into the GPA at 10 points and any Dual Credit Course that is not a core subject course will be added into the GPA at 4 points. Students graduating on the Foundation plan will be ranked after those graduating on the Foundation with endorsement or Distinguished Achievement plan. This policy is to take effect for all dual credit classes taken from Fall 2014 forward.

Class rank is used to determine Valedictorian and Salutatorian, as well as Top 10% for automatic admission to public colleges and universities in Texas. 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.

After GPA is calculated, the class is ranked from highest to lowest GPA. Valedictorian and Salutatorian will be officially determined at the end of the 3rd nine 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.

Personal Graduation Plans

The Graduation plan, when completed by a student, becomes a guide that students should use to ensure they meet all graduation requirements and prepare for education or work beyond high school. Therefore, students should carefully plan their four-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.
- Provides the academics or skills needed to continue in further education or training to pursue their chosen career. Students and their parents are encouraged to review the plan annually and revise it when necessary to meet changing career goals. The counselor is 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 the counselor 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.

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 forms 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.

NSHS uses Edgenuity, an online course delivery system, to offer a variety of core and elective courses both for credit recovery and for original credit when classes simply can't be offered face to face. NSHS reserves the right to use Edgenuity lessons or coursework in all regularly scheduled courses as determined by teachers or administrators.

ENGLISH LANGUAGE ARTS

English 1 (STAAR EOC Tested Subject)

Grade: 9 Credit: 1

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.

English 2 (STAAR EOC Tested Subject)

Prerequisite: English 1

Grade: 10 Credit: 1

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.

English 3

Prerequisite: English 2

Grade: 11 Credit: 1

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)

English 1301/1302 (Dual Credit)

Grade: 11-12 Credit: 1

(can be used for English 3 or 4 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.

College Prep English

Prerequisite: English I, II, III

Grade: 12th Credit: 1

This course is designed to ensure students are college ready according to state standards upon graduation.

Communication Applications (Dual Credit SPCH 1315 Public Speaking)

Grade: 10-12 Credit: 0.5

This course includes informative-persuasive speaking, demonstration speeches, and commercials.

Learning Framework (Dual Credit EDUC 1300)

Grade: 9-10 Credit: 0.5

A study of the: research and theory in the psychology of learning, cognition, and motivation; factors that impact learning, and application of learning strategies.

Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic

strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners.

Students are ultimately expected to integrate and apply the learning skills discussed across their own academic programs and become effective and efficient learners.

Students developing these skills should be able to continually draw from the theoretical models they have learned.

MATHEMATICS

Algebra 1 (STAAR EOC Tested Subject)

Grade: 9 Credit: 1

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.

Geometry

Prerequisite: Algebra 1

Grade: 9-10 Credit: 1

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.

Financial Math

Prerequisite: Algebra I and Geometry

Grade: 11th Credit: 1

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.

Algebra 2

Prerequisite: Algebra 1 and Geometry

Grade: 10-12 Credit: 1

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.

Pre-Calculus (Dual Credit)

Prerequisite: Algebra 2

Grade: 11-12 Credit: 0.5

The major emphasis of this course 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.

College Algebra (Math 1314 Dual Credit)

Prerequisite: Algebra 2

Grade: 11-12 Credit: 0.5

In-depth study and applications of polynomial, rational, radical, exponential and logarithmic functions, and systems of equations using matrices. Additional topics such as sequences, series, probability, and conics may be included.

College Prep Math

Prerequisite: Algebra I, Geometry, Algebra II

Grade: 12 Credit: 1

This course is designed to ensure students are college ready according to state standards upon graduation.

Calculus (Math 2413 Dual Credit)

Prerequisite: Math 1314 College Algebra, Math 2412

Pre-Calculus

Grade: 12 Credit: 1

Limits and continuity; the Fundamental Theorem of Calculus; definition of the derivative of a function and techniques of differentiation; applications of the derivative to maximizing or minimizing a function; the chain rule, mean value theorem, and rate of change problems; curve sketching; definite and indefinite integration of algebraic, trigonometric, and transcendental functions, with an application to calculation of areas.

SCIENCE

Biology (STAAR EOC Tested Subject)

Grade: 9-10 Credit: 1

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.

Chemistry

Prerequisite: Algebra 1

Grade: 10-12 Credit: 1

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.

Environmental Biology (Dual Credit BIOL 2406)

Grade: 11-12 Credit: 0.5

Principles of environmental systems and ecology, including biogeochemical cycles, energy transformations, abiotic interactions, symbiotic relationships, natural resources and their management, lifestyle analysis, evolutionary trends, hazards and risks, and approaches to ecological research. Laboratory activities will reinforce principles of environmental systems and ecology, including geochemical cycles, energy transformations, abiotic interactions, symbiotic relationships, natural resources and their management, lifestyle analysis, evolutionary trends, hazards and risks, and approaches to ecological research.

Note: Lab activities are required and may require additional time outside of class to complete.

Astronomy (Dual Credit PHYS 1404 Solar System)

Grade: 11-12 Credit: 0.5

Study of the sun and its solar system, including its origin. An introduction to historical and observational astronomy focusing specifically on the members of our solar system and on basic observation skills and knowledge.

Principles of Technology

Prerequisites: any Science credit and Algebra I

Grade: 11-12 Credit: 1

In Principles of Technology, students will conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Various systems will be described in terms of space, time, energy, and matter. Students will study a variety of topics that include laws of motion, conservation of energy, momentum, electricity, magnetism, thermodynamics, and characteristics and behavior of waves. Students will apply physics concepts and perform laboratory experimentations for at least 40% of instructional time using safe practices.

Note: Due to the similarity in the TEKS for Physics and Principles of Technology, students cannot take both courses per state requirements.

Anatomy and Physiology of Human Systems

Prerequisite: Biology, and a 2nd Science credit

Grade: 10-12 Credit: 1

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.

Scientific Research and Design

Prerequisites: Biology & Chemistry or IPC or Physics

Grade: 11-12 Credit: 1

Scientific Research and Design is a broad-based course designed to allow districts and schools considerable flexibility to develop local curriculum to supplement any program of study or coherent sequence. The course has the components of any rigorous scientific or engineering program of study from the problem identification, investigation design, data collection, data analysis, formulation, and presentation of the conclusions. These components are integrated with the career and technical education emphasis of helping students gain entry-level employment in high-skill, high-wage jobs and/or continue their education.

Note: Students in grade 10 and enrolled in Chemistry will receive elective credit for SRD. Students in grades 11-12 after completion of Bio and Chem can receive a 3rd or 4th Science credit for SRD.

SOCIAL STUDIES

World Geography

Grade: 9-12 Credits: 1

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.

World History

Grade: 9-10 Credit: 1

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

Texas Government (DUAL CREDIT GOVT 2306)

Required for all TJC Associates Degree Candidates

Grade: 10-11 Credit: 0.5

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.

United States History (STAAR EOC Tested Subject)

Grade: 11 Credit: 1

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

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

Grade: 11 Credit: 1

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.

United States Government

Grade: 12th Credit: 0.5

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

US Government (Dual Credit GOVT 2305)

Grade: 12 Credit: 0.5

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.

Economics and Free Enterprise

Grade: 12 Credit: 0.5

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

Principles of Macroeconomics (Dual Credit ECON 2301)

Grade: 12 Credit: 0.5

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and

unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy.

Psychology (Dual Credit PSYC 2301)

Grade: 10-12 Credit: 0.5

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

LANGUAGES OTHER THAN ENGLISH

Spanish 1

Grade: 9-12 Credit: 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.

Spanish 2

Prerequisite: Spanish 1

Grade: 9-12 Credit: 1

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.

Spanish 3

Prerequisite: Spanish 2

Grade: 10-12 Credit: 1

A continuing study of the Spanish language and culture with an introduction to Spanish literature. Role-playing, composition, and translation skills are emphasized.

Note: Students interested in studying other languages besides Spanish should speak to the counselor. Other options may be available online.

FINE ARTS

Art 1

Grade: 9-12 Credit: 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.

Art 2

Prerequisite: Art 1

Grade: 9-12 Credit: 1

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.

Art 3

Prerequisite: Art 2

Grade: 10-12 Credit: 1

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

Art 4

Prerequisite: Art 3

Grade: 11-12 Credit: 1

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

PHYSICAL EDUCATION

Note: PE courses may only be taken once for credit in HS.

Physical Education Individual Sports (PE IS)

Grade: 9-12 Credit: 0.5

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.

Physical Education Team Sports (PE TS)

Grade: 9-12 Credit: 0.5

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.

Athletics I-IV

Note: Athletics may be taken up to 4 times for credit in HS.

Prerequisite: selection by coaches

Grade: 9-12 Credit: 0.5 per semester

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.

Career and Technical Education Courses

TECHNOLOGY APPLICATIONS

Practical Writing I, II, III (Yearbook)

Grade: 9-12 Credit: 1

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.

AGRICULTURAL SCIENCE

Principles of Agriculture, Food & Natural Resources

Prerequisite: None

Grades: 8-12 Credit: 1

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.

Agricultural Mechanics and Metal Technologies

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

Grades: 9-12 Credit: 1

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.

Practicum in AFNR

Grade: 10-12 Credit: 2

Practicum in Agriculture, Food, and Natural Resources is designed to give students supervised practical application of knowledge and skills. Practicum experiences can occur in a variety of locations appropriate to the nature and level of experiences such as employment, independent study, internships, assistantships, mentorships, or laboratories. The practicum course is a paid or unpaid capstone experience for students participating in a coherent sequence of career and technical education courses in the Agriculture, Food, and Natural Resources Career Cluster.

FAMILY AND CONSUMER SCIENCES EDUCATION

Introduction to Culinary Arts

Grade: 8-12 Credit: 1

Introduction to Culinary Arts will emphasize the principles of planning, organizing, staffing, directing, and controlling the management of a variety of food service operations. The course will provide insight into the operation of a well-run restaurant. Introduction to Culinary Arts will provide insight into food production skills, various levels of industry management, and hospitality skills. This is an entry level course for students interested in pursuing a career in the food service industry. This course is offered as a classroom and laboratory-based course.

Culinary Arts

Recommended Prerequisite: Intro to Culinary Arts

Grades: 10-12 Credit: 1-2

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 others.

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

and Edgenuity. (Examples may include German, French, etc.) Students interested in these courses should be prepared to work independently. Students may speak to the counselor to request.

DUAL CREDIT AND ASSOCIATES DEGREE STUDENTS

Courses listed as Dual Credit in the course catalog are weighted as advanced for GPA for NSHS. These are college level courses and are considered more rigorous. Students who opt to take them should be prepared to work outside of the regular school day.

To be considered for dual credit classes the following steps must be taken:

1. APPLY online at tjc.edu/dualcredit.
2. Take and pass the TSI test in Reading, Writing, and Math (depending on the courses you are taking)
*Some students are exempt from TSI with particular scores on the following: STAAR scores in English II and Algebra I, or PSAT, ACT, or SAT scores.
3. Submit an immunization record that reflects you have received the meningitis vaccination.

Cost for Dual Credit courses:

New Summerfield ISD pays for dual credit courses *up to 4 courses** per semester.

**This is subject to TEA funding and could change if funding from the state is reduced at any time.*

If you choose to take more than 4 courses, the cost per course for additional courses is \$275 payable to TJC.

Students at New Summerfield High School have the unique opportunity to earn an Associate's Degree from TJC before they even graduate from high school at little to no cost to the student.

TJC Associates Degree Candidates

Students wishing to pursue the Associates Degree in conjunction with their high school diploma should indicate their desire to do so as early as the end of 8th grade and no later than the end of 9th grade. This is for scheduling purposes and to ensure the student is enrolled in the correct courses. Students may still choose this option after 9th grade, but it will require much work and effort from the student to complete.

For up to date information about dual credit, visit the NSISD website and click on the "Departments" tab at the top, "Guidance and Counseling", and look for "Planning for College" on the right-side menu.

TJC Required courses for Core Curriculum and Associates in Arts Degree in General Studies can be found in the table below.

TJC Associates Degree 62 hours**			
ENGL 1301	ENGL 1302	GOVT 2305	ENGL 2333*
SPCH 1315	ENGL 2332	GOVT 2306	ELECTIVE*
MATH 1314	ARTS 1301	PSYC 2301	ELECTIVE*
BIOL 2406	HIST 1301	EDUC 1300	ELECTIVE*
PHYS 1404	HIST 1302	ECON 2301*	ELECTIVE*

*Indicates courses in addition to the Core Curriculum required courses at TJC. The elective spots can be chosen from any number of courses including EMSP 1501/1502 (EMT program 10 hours), MATH 2413 (Calculus I), MUSI 1306 (Music Appreciation), MATH 1342 (Statistics), and more. It is a priority of NSHS to place our dual credit students in a classroom with an on-campus teacher at NSHS. In the event that we cannot provide an on-campus teacher or there is a major schedule conflict, students are placed into online sections of the equivalent courses with TJC professors.

**All TJC courses and grades are entered as high school credits on the student's transcript for NSISD. A dual credit class failure is equal to a high school class failure and students may need to repeat a class for high school credit if they failed it at TJC according to graduation requirements for NSISD.