

Levelland High School Course Catalog 2020-2021



Levelland High School

Levelland Independent School District ... *Labas & Loboettes*

Levelland High School
1400 Hickory Street
Levelland, Texas 79336
Phone 806-894-8515
Fax 806-894-6029

INFORMATION IN THIS CATALOG IS SUBJECT TO THE RULES OF THE TEXAS STATE BOARD OF EDUCATION
AND IS SUBJECT TO CHANGE AT ANY TIME.

Revised March 2020

DEAR STUDENTS AND PARENTS:

This catalog lists the courses that **MAY** be offered at Levelland High School for the 2020-2021 school year. **Inclusion in this catalog does not guarantee that a course will be offered.** Teacher availability and the number of students who sign up for a course will be taken into consideration before a final decision is made. Courses that will count toward a Distinguished Graduation program as Advanced Technical Credit (ATC), Articulated Credit, and Dual Credit classes are noted with ***. Achieve Texas Personalized Graduation Plan suggests courses that could be taken if desired to continue with the career students choose using Career Cruising. Please feel free to call the Levelland High School Counseling Center if you have any questions. All courses at Levelland High School are offered without regard to race, color, national origin, sex, or disability.

PUBLIC NOTIFICATION OF NON-DISCRIMINATION IN CAREER AND TECHNICAL EDUCATION (VOCATIONAL) PROGRAMS

Levelland Independent School District offers career and technical education programs in the following career clusters: Agriculture, Food & Natural Resources; Architecture & Construction; Arts, A/V Technology & Communications; Business, Management & Administration; Finance; Health Science; Hospitality & Tourism; Human Services; Information Technology; Manufacturing; Science, Technology, Engineering & Mathematics; Transportation, Distribution & Logistics. Admission to these programs is based upon course prerequisites, the particular grade level of the student, and the student's desire to enroll in the program.

It is the policy of the Levelland Independent School District not to discriminate on the basis of race, color, sex (including pregnancy), national origin, religion, age, equal pay, genetic information, veteran or military status, persons with disabilities, or any other legally protected status in its educational and career and technical education programs, activities, or employment practices as required by Title VI of the Civil Rights Act of 1964, as amended; Title IX of the Education Amendments of 1972; the Age Discrimination Act of 1975, as amended; and Section 504 of the Rehabilitation Act of 1973, as amended.

For information about your rights or grievance procedures, contact the Title IX Coordinator, Rodney Caddell, at 704 11th Street, Levelland, TX 79336, (806) 894-9628, and/or the Section 504 Coordinator, Donna Pugh, at the same address and telephone number.

NOTIFICACIÓN PÚBLICA DE NO DISCRIMINACIÓN EN PROGRAMAS DE CARRERA Y EDUCACIÓN TÉCNICA (Vocacionales)

El Distrito Independiente Escolar de Levelland ofrece programas vocacionales en los siguientes grupos de carreras: Agricultura, Alimento y Recursos Naturales; Arquitectura y Construcción; Artes, Tecnología de Audio/Visual y Comunicación; Comercio, Manejo, y Administración; Educación y Formación; Finanzas; Ciencia de Salud; Hospitalidad y Turismo; Servicios Humanos; Tecnología de Información; Fabricación; Mercadotecnia; Ciencia, Tecnología, Ingeniería y Matemáticas; Transportación, Distribución Y Logísticas. La admisión a estos programas se basa en el requisitos previos de el programa, el grado de el estudiante y el deseo de el estudiante a matricularse en el programa particular.

Es la política del distrito escolar de Levelland no discriminar sobre la base de raza, color, sexo (incluyendo embarazo), origen nacional, religión, edad, igualdad de remuneración, información genética, veterano o situación militar, las personas con deseabilidades, o cualquier otra condición protegida legalmente en su educación y carrera y programas de educación técnica, actividades o prácticas de empleo según lo requerido por el título VI de la ley de derechos civiles de 1964, según enmendada; Título IX de las enmiendas de Educación de 1972; la ley de discriminación de edad de 1975, enmendada; y la sección 504 de la ley de rehabilitación de 1973, según enmendada.

Distrito escolar independiente de Levelland tomará medidas para asegurar que la falta de conocimientos del idioma inglés no será una barrera para la admisión y participación en todos los programas educativos y vocacionales. Para obtener información sobre sus derechos o procedimientos para quejas, comuníquese con el Coordinador del título IX, Rodney Caddell, 704 11th Street, Levelland, TX 79336, (806) 894-9628, o Coordinador de la sección 504, Donna Pugh, en la misma dirección y número de teléfono.

PREFACE

The Levelland High School Course catalog is intended to provide curriculum and instruction information and to serve as a guide for students, parents, and teachers. The catalog is subject to revision and is not intended to supersede LISD Board Policies regarding curriculum and instruction; the Texas Education Code, subtitle F, chapter 28; or the Texas Administrative Code, chapter 19.

PASS/FAIL PROCEDURES

Juniors and seniors may take as pass/fail up to 2 credits or four (4) ½ credits over the course of their junior & senior years by declaring their intent no later than the end of the third week of class, provided the following criteria are met.

1. Student must have a 95 or higher GPA in order to qualify for pass/fail option.
2. Graduation requirements must be fulfilled within the core area where pass/fail is requested.
3. Pre-AP and AP courses may not be taken as pass/fail.
4. Pass/Fail courses may not receive Articulated and/or Advanced Technical Credit (ATC).
5. Dual Credit, Articulated and/or Advanced Technical Credit (ATC) courses using the pass/fail option, may **not** be used as an advanced measure for the Distinguished Achievement Plan.

Those achieving a grade of 70 or higher shall be awarded credit, but a numerical grade will not be recorded on the transcript nor included in the student's grade point average. The student who benefits from pass/fail is one whose grade point average is 95 or higher and who takes as many weighted classes as possible. By taking a non-weighted class pass/fail, this grade is not calculated in the grade point average. Thus, the student is not penalized for taking a course that does not receive extra grade points. **Contact the Counseling Center for more information and declaring intent instructions.**

Top 20 Requirements

1. Students must complete an endorsement and Distinguished Level of Achievement (student must take Alg II)
2. Complete 8 Pre-AP, AP, and /or Dual Credit Courses
3. Earn all credit through standard course acquisition methods

OTHER PROCEDURES

Students at Levelland High School are required to take at least one Career and Technical Education (CTE) course for elective credit. Students will be allowed to choose from the courses named and described in the Career and Technical Education section. Seniors who transfer into Levelland High School after the beginning of the school year and do not have the Career and Technical Education credit will be exempt from this requirement—see counselor for this exemption.

Students must complete all state required credits and a locally required Career and Technical Education credit to graduate from Levelland High School. Courses that will fulfill the local CTE credit are noted in this document with the statement "this course may be counted as the Career and Technical Education (CTE) local requirement for graduation".

Levelland ISD does not discriminate on the basis of sex, handicap, color, race, or national origin in its educational and career and technical education programs, activities, or employment.

The District may, or may not, offer some TEA identified courses due to required teacher certifications and, or, degrees. All course offerings are subject to change based on policy changes from the Texas State Board of Education.

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LEVELLAND HIGH SCHOOL STAFF

806/894-8515

Personnel

Department

Robbie Phillips	Principal
Sid Gerber	Assistant Principal
Michelle Stuart	Assistant Principal
Andy Correll	Athletic Director
Stacey Waddill	Counselor
Susan Smith	Counselor
Shannon Copeland	Testing Coordinator
Kaylene Burns	Dyslexia Coordinator
Tracy Barker	Library Media Specialist
Melissa Castillo	Registrar
Margarett Lockett	Principal's Secretary
Paulena Kidd	Attendance Clerk/Sub Coordinator
Jessica Coronado	PEIMS
Christie Rendon	Athletics Clerk

WHERE TO GO FOR INFORMATION
Levelland High School Phone: 806/894-8515
Fax: 806/894-6029

YOUR QUESTION IS ABOUT

Absences
Address change
Admissions
Attendance
Books (distribution or purchasing)
Buses
Career Information
Catalogs (college, military, scholarship, etc.)
Cell Phone Recovery
Course changes (add/drop)
(SAT, ACT, TASP)
(GED, Alternative)
Counseling (Academic & Personal)
Credit By Examination
Special Services
Emergencies---School
Emergencies---Health
Fines
Graduation
Immunization / Health Records
Insurance---Athletics
ISS (In School Suspension—Discipline)
Library
Lost and Found
Name Change
Nurse
Records (current student)
Records (former students)
Residency (proof of or change)
Schedules (preparation or changes)
Scholarships
TEA Forms
Tardy
Testing
Theft (or other legal infractions)
Transcripts
Tutoring
Withdrawal

OFFICE TO CONTACT

Attendance clerk
PEIMS clerk
PEIMS clerk
Attendance clerk
Administrative Assistant
Transportation 894-3213
Counseling Center
Counseling Center
Registrar
Counseling Center College Entrance Exams
Counseling Center Continuing Education
Counseling Center
Counseling Center
Counseling Center
Special Education Office 894-6858
Principal or Assistant Principal
School Nurse
Assistant Principal
Counseling Center
School Nurse
Athletic Trainer
Assistant Principal
Librarian
Assistant Principal
PEIMS clerk
J. Whisenant, S. Kimberling, J. Barnes
Registrar
Administration Building 894-9628
PEIMS Clerk
Counseling Center
Counseling Center
Assistant Principal
Assistant Principal
Counseling Center and Testing Coordinator
Assistant Principal
Registrar
Counseling Center
PEIMS Clerk

ACCREDITATION and COURSE CREDIT

Levelland High School is accredited by the Texas Education Agency. Levelland High School is an accredited high school, which meets state requirements and also provides broad academic experiences for all students. Students and parents should read thoroughly the information provided in this guide in order to select the best possible courses according to students' needs, abilities, and career plans.

Credit is awarded at the completion of each semester Levelland High School course with a grade of 70 or better. Credit is awarded at the completion of each semester South Plains College Dual Credit courses and courses accepted for credit by other accredited institutions or state public institutions will be transcribed as received. Transfer courses and courses at Levelland High School cannot receive a grade higher than 100.

ACADEMIC ACHIEVEMENT Policy EI (LOCAL) – PARTIAL CREDIT:

When a student earns a passing grade in only one semester of a two-semester course and the combined grade for the two semesters is lower than 70, the District shall award the student credit for the semester with the passing grade. The student shall be required to retake only the semester in which he or she earned the failing grade.

There are many factors to consider in selecting courses which will meet individual needs. Remember to select courses to fit overall planning which projects the high school years. Interest and ability should determine choices. Experience shows that those who plan an entire high school program early and frequently review the plan will be able to graduate with less difficulty.

It is important to know that this course description book includes all courses that are offered at Levelland High School. However, due to enrollment and teacher availability, not every class will be offered every year.

We realize registration may bring about questions. Please feel free to call the Counseling Center and the counselors will be glad to answer your questions. The phone number at Levelland High School is 894-8515.

Registration will take place in the spring of each school year. **Although students will receive specific instructions during that time from high school personnel, the responsibility for appropriate graduation and career choices rests with students and parents.** The counseling staff is available to assist in making decisions related to course selections.

One of the most critical functions performed by a school is the registration of students. Based upon registration information, courses are scheduled and teachers are employed for the next year; therefore, it is important that course selections be given serious consideration.

Correspondence courses and dual credit courses are not considered complete and credit will not be awarded until the final grade is recorded in the registrar's office.

All classes are listed as follows:

SUBJECT AREA

Specific Course Name	grade or grades recommended for enrollment	credit amount
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ENGLISH

English for Speakers of Other Languages	9	1
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English for Speakers of Other Languages	10	1
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Enrollment assigned. Students may not choose this as an elective.

A maximum of two of the four units of English required for graduation may be English for Speakers of Other Languages. One credit earned in this course, which is not counted toward the graduation requirement in English, may be counted as elective credit in meeting state graduation requirements. This course is designed for the student whose primary language is one other than English. Emphasis will be on development of listening, speaking, reading and writing skills in English. Students' cultural backgrounds are considered and incorporated with instruction.

Reading I and II	9-12	1
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Enrollment assigned. Students may not choose this as an elective.

Reading offers students instruction in word recognition and comprehension strategies and vocabulary to ensure that high school students have an opportunity to read with competence, confidence, and understanding.

English I	9	1
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Emphasis will be on fundamental language skills. An emphasis on vocabulary and composition skills will be an on-going part of the program. The course includes studies of various literary genres: short stories, poetry, novel, drama and non-fiction. The development of critical reading skills is a major emphasis of the course.

English I Honors (Advanced Class)	9	1
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Prerequisite: See counselor

This course is based on critical thinking skills with a strong emphasis on challenging students to perform at their utmost potential. Students will participate in an extensive writing workshop atmosphere ranging from creative writing to an analysis of literature genres to persuasive writing techniques from pre-writing skills to publication of quality work.

English II	10	1
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Prerequisite: English I

This course includes a review of language skills, the teaching of intermediate composition skills, and an examination of literary themes and forms. Emphasis during both semesters will be placed on vocabulary development, composition skills, literature, and STAR.

English II Honors (Advanced Class)	10	1
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Prerequisite: Pre AP English I or English I and see counselor

This course includes a grammar review with intensified work on sentence and paragraph structures. Students will study American, British, and world literature. Three or four novels will be read and discussed. The techniques of a research paper are studied with library skills providing the emphasis.

English III	11	1
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Prerequisite: English II

Students enrolled in English III will continue to increase and refine composition skills by planning, drafting and completing written compositions. They will practice all forms of writing, including the research paper, and they will edit their papers using correct language skills as well as using correct mechanics of written English. English III students will read various forms of American literature, and they will learn literary forms and terms associated with selections being read. A correlation will be made between the study of American literature and American history, comparing how each affect the other and continues to impact society.

English III, ENG 1301, Eng 1302 Dual Credit	11 -12	1
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Prerequisite: English I & II, Must meet TSI requirements

Students have the option of taking Eng 1301 & 1302 dual credit in order to meet the English III requirement.

English IV	12	1
Prerequisite: English I, II, III		
<i>This course meets the requirements of an advanced English on the Foundation Plan.</i>		
Students in this course increase and refine their language skills together with a study of British literature. Different types of writing will be used with a major emphasis on the research paper. Students will learn about English history and its correlation with the developing English language and literature of the various periods.		
English IV SPC Dual Credit	12	1
Prerequisite: English III and see counselor, TSI compliant		
<i>This course meets the requirements of an advanced English on the Foundation Plan.</i>		
South Plains College English 1301 and 1302 OR 2332 and 2333 if Eng 1301 & 1302 were taken as English III (dual credit).		
English College Preparatory Course	12	1
This is a developmental course for students who do not pass the English portion of the TSI Assessment or the campus placement test and are selected to participate based on their score. This course is designed to provide preparatory work for students to be able to succeed in college-level English courses. It offers a review of English grammar and the processes of reading and writing through short essay writing and analytical reading.		
Practical Writing	9-12	1/2-1
Enrollment assigned. Students may not choose this as an elective.		
The study of writing allows high school students to earn one-half to one credit while developing skills necessary for practical writing. This course emphasizes skill in the use of conventions and mechanics of written English, the appropriate and effective application of English grammar, the reading comprehension of informational text, and the effective use of vocabulary. Students are expected to understand the recursive nature of reading and writing. Evaluation of students' own writing as well as the writing of others ensures that students completing this course are able to analyze and evaluate their writing.		
Independent Study in English	9-12	1/2-1
Enrollment assigned. Students may not choose this as an elective.		
Students enrolled in Independent Study in English will focus on a specialized area of study such as the work of a particular author or genre. Students will read and write in multiple forms for a variety of audiences and purposes. High school students are expected to plan, draft, and complete written compositions on a regular basis and carefully examine their papers for clarity, engaging language, and the correct use of the conventions and mechanics of written English.		

MATHEMATICS

Algebra I	9	1
This course provides a foundation for higher-level mathematics courses. Algebra I will involve the student in a study of the real numbers and their operations, the language of algebra, linear equations, and inequalities, ratio, proportion and variations, polynomials, rational expressions, radicals, and quadratic relations.		
Algebra I, Pre-AP (Pre-Advanced Class)	9	1
Prerequisite: See counselor		
This course provides a foundation for higher-level mathematics courses. Algebra I Pre-AP will involve the student in a study of real numbers and their operations, the language of algebra, linear equations, and inequalities, ratio, proportion and variations, polynomials, rational expressions, radicals, and quadratic relations.		
Geometry	9-10	1
Prerequisite: Algebra I		
This course is an in-depth study of plane and solid figures. The course covers the basic properties of lines, planes, polygons, circles and geometric solids.		

Geometry Honors (Advanced Class)	9-10	1
Prerequisite: Algebra I, and see counselor		
For students preparing for technical schools, college or university enrollment; this course is an in-depth study of plane and solid figures. The course covers the basic properties of lines, planes, polygons, circles and geometric solids. The course also will have students apply the principles of inductive and deductive reasoning in developing formal and informal proofs of geometric theorems and geometric problems.		
Mathematical Models with Applications	10-11	1
This course involves a study of consumer economics such as income, expenditures, and banking. Emphasis is placed on typical consumer problems where mathematical skills must be applied.		
Algebra II	10-12	1
Prerequisite: Algebra I and Geometry		
This course involves a study of meaningful and related representations of functions, variables and relations. The family of functions that will be covered are linear, quadratic, exponential, logarithmic, rational, irrational and higher degree.		
Algebra II Honors (Advanced Class)	10-12	1
Prerequisite: Algebra I, Geometry and see counselor		
This course involves a study of meaningful and related representations of functions, variables and relations. The family of functions that will be covered are linear, quadratic, exponential, logarithmic, rational, irrational and higher degree.		
Pre-Calculus Pre AP—Non-Dual Credit (Pre-Advanced Placement)	11-12	1
Prerequisite: Algebra I, Geometry, Algebra II and see counselor		
During the first semester, elementary analysis will be the emphasis of study. Analysis is a study of mathematics, which combines both algebra and geometry with primary emphasis on functions and their properties. Graphs will be discussed in detail. In the second semester, this course includes a study of trigonometric and circular functions and their inverses. Emphasis will be placed on the Applications of these functions. This course fulfills all the objectives of a traditional trigonometry course. In addition, this course prepares students for calculus.		
Pre-Calculus - SPC Dual Credit – Taught by LHS faculty	11-12	1
Prerequisite: Algebra I, Geometry, Algebra II—Meet TSI requirements to receive dual credit		
During the first semester, elementary analysis will be the emphasis of study. Analysis is a study of mathematics, which combines both algebra and geometry with primary emphasis on functions and their properties. Graphs will be discussed in detail. In the second semester, this course includes a study of trigonometric and circular functions and their inverses. Emphasis will be placed on the Applications of these functions. This course fulfills all the objectives of a traditional trigonometry course. In addition, this course prepares students for calculus.		
Calculus – SPC Dual Credit- Taken at SPC	12	1
Prerequisite: Pre-Cal, TSI Math compliant		
Intended for students pursuing a degree in Chemistry, Computer Science, Engineering, Geosciences, Mathematics, Physics, or Pharmacy. Students will explore 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.		
College Algebra - SPC Dual Credit – Taught by LHS faculty	11 -12	1
Prerequisite: Algebra II, TSI Math compliant		
Includes quadratic equations; ratio and proportion; variation; binomial theorem; progressions; inequalities; complex numbers; theory of equations; determinants and matrices; linear programming; mathematical induction; permutations and combinations.		
Contemporary Math- Online SPC Dual Credit	11 - 12	1
Prerequisite: Algebra II, TSI Math compliant, see counselor		
This course is intended for Technical Education, Foreign Language, English, History, Philosophy, Political Science, Psychology, Social Work, Human Sciences, Advertising, Communication Studies, Fine Arts and Creative Arts majors. Topics include introductory treatments of sets and logic, financial mathematics, probability and statistics with appropriate applications. Number sense, proportional reasoning, estimation, technology, and communication should be embedded throughout the course.		

Statistical Methods – Online/ SPC Classroom - Dual Credit	11-12	1
Prerequisite: Algebra II, TSI Math compliant, see counselor		
This course is for students pursuing the Nursing BSN pathway. Covered topics include: collection, analysis, presentation and interpretation of data and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing.		
Mathematics for Business and Social Sciences- Online/SPC Classroom - Dual Credit	11-12	1
The application of common algebraic functions, including polynomial, exponential, logarithmic, and rational to problems in business, economics, and the social sciences are addressed. The applications include mathematics of finance, including simple and compound interest and annuities; systems of linear equations; matrices; linear programming; and probability, including expected value.		
Advanced Quantitative Reasoning	12	1
Prerequisite: Algebra II, see counselor		
This course emphasizes statistics and financial applications. It prepares students to use algebra, geometry, trigonometry, and discrete mathematics to model a range of situations and solve problems.		
Mathematics College Preparatory Course	12	1
This is a developmental course for students who do not pass the Mathematics portion of the TSI Assessment or the campus placement test and are selected to participate based on their score. Topics include signed numbers, algebraic expressions, linear equations and inequalities in one unknown, and graphing. It also includes relations and functions, absolute value, polynomial, radical, rational equations with a specific emphasis on linear and quadratic expressions and equations.		

SCIENCE

Anatomy & Physiology of Human Systems	12	1
Prerequisite: Biology		
In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. <i>This course meets the requirements for the 4th science credit.</i>		
Anatomy & Physiology of Human Systems Pre-AP (Pre-Advanced Class)	12	1
Prerequisite: Biology		
In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. <i>This course meets the requirements for the 4th science credit.</i>		
Biology	9	1
Students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem-solving. Students in Biology study a variety of topics that include: structures and functions of cells and viruses; growth and development of organisms; cells, tissues, and organs; nucleic acids and genetics; biological evolution; taxonomy; metabolism and energy transfers in living organisms; living systems; homeostasis; ecosystems; and plants and the environment.		
Biology, Pre-AP (Pre-Advanced Placement Class)	9	1
Prerequisite: See counselor		
This course is designed as a pre-college level biology program. It involves intensive study of a limited number of topics such as molecular biology, biochemistry and organisms and their environment. Pre-AP Biology provides extensive and research-oriented laboratory experiences, and is designed for those who have high interest and motivation in this area of study.		

###Biology, Advanced Placement (AP) (Advanced Class) 11-12 1
Prerequisite: Biology and see counselor—Scored advanced on Biology EOC or met prior year Biology eligibility requirements

This course is designed as a college-level science major biology program. It involves intensive study of a limited number of topics such as molecular biology, biochemistry and organisms and their environment. Advanced Honors Biology provides extensive and research-oriented laboratory experiences, and is designed for those who have high interest and motivation in this area of study. High-level thinking will be stressed as well as preparing the student to take the Advanced Placement Exam for possible college credit. If you score a 4 or 5 on AP test, you will receive up to 8 hours of college credit.

Biology Dual Credit 1408 & 1409 (Advanced Class) 11-12 1
Prerequisite: Biology and see counselor--Meet TSI requirements

This course is designed as a college-level non-major biology class. Students will investigate the physical and chemical properties of all life, cell biology, biological organization, energy flow, genetics, evolution, ecology, organism diversity, animal structure and function, and plant structure and function. **The college credit is only for non –science majors.**

Integrated Physics and Chemistry 10 1
Prerequisite: Biology

In this course, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical-thinking and scientific problem-solving. This course integrates the disciplines of physics and chemistry in the following topics: motion, waves, energy transformations, properties of matter, changes in matter, and solution chemistry.

Chemistry 10-11 1
Prerequisite: Biology

In Chemistry, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: characteristics of matter; energy transformations during physical and chemical changes; atomic structure; periodic table of elements; behavior of gases; bonding; nuclear fusion and nuclear fission; oxidation-reduction reactions; chemical equations; solutes; properties of solutions; acids and bases; and chemical reactions. Students will investigate how chemistry is an integral part of our daily lives.

Chemistry, Pre AP (Pre-Advanced Placement Class) 10-11 1
Prerequisite: Biology and see counselor

Designed for the student who desires a pre-college level chemistry program. This course provides an in-depth study of chemical theory. Laboratory activities will include quantitative and qualitative analysis, synthesis, and evaluation.

Chemistry, AP (Advanced Class) Offered odd years only 12 1
Prerequisite: Biology and see counselor

Designed for the student who desires a college-level chemistry program. This course provides an in- depth study of chemical theory. Topics include: atomic theory, valence bond theory, ionic and covalent bonding, stoichiometry, equilibrium, acid-base theories, thermodynamics, kinetics, electrochemistry, organic, and nuclear chemistry. Laboratory activities will include quantitative and qualitative analysis, synthesis, and evaluation. The course prepares the student to take the Advanced Placement Examination for possible college credit. ***This course meets the requirements for the fourth year of science.***

Physics 11-12 1
Prerequisite: Biology

In Physics, students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills.

Physics, Pre AP (Pre-Advanced Placement Class)	11-12	1
Prerequisite: Biology and see counselor		
Designed for students who desire a college level physics program. Students conduct field and laboratory investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students study a variety of topics that include: laws of motion; changes within physical systems and conservation of energy and momentum; force; thermodynamics; characteristics and behavior of waves; and quantum physics. This course provides students with a conceptual framework, factual knowledge, and analytical and scientific skills.		
Physics, AP (Advanced Class)	12	1
Prerequisite: Biology, Pre-Calculus or concurrent enrollment in Pre-Calculus, and see counselor		
Physics is a two-semester sequential study of physical principles which govern the behavior of matter. It includes mechanics, electricity, magnetism, thermodynamics, kinetic theory, electromagnetic radiation, optics, and atomic and nuclear physics. In introducing fundamental physical concepts, emphasis will be placed on the use of mathematics in formulating physical principles and in problem solving; thus a strong math background is necessary. <i>This course meets the requirements for the fourth year of science.</i>		
Environmental Systems	11 -12	1
Prerequisite: Two years of science to include Biology		
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 habits, ecosystems and biomes, interrelationships among resources and environmental system, sources and flow of energy through an environmental system, relationships between carrying capacity and changes in populations and ecosystems, and changes in environments.		
Advanced Animal Science	12	1
Prerequisite: 1 credit of Small Animal Science & Equine Science OR Livestock Production		
This course prepares students for careers in the field of animal science, students need to attain academic skills and knowledge, acquire knowledge and skills related to animal systems, and develop knowledge and skills regarding career opportunities, entry requirements, and industry standards. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings. This course examines the interrelatedness of human, scientific, and technological dimensions of livestock production. Instruction is designed to allow for the application of scientific and technological aspects of animal science through field and laboratory experiences.		
Astronomy	11 - 12	1
Prerequisite: Biology		
Students will study astronomy in civilization, patterns and objects in the sky, our place in space, the moon, reasons for the seasons, planets, the sun, stars, galaxies, cosmology and space exploration. Students who successfully complete Astronomy will acquire knowledge within a conceptual framework, conduct observations of the sky, work collaboratively, and develop critical thinking skills.		
Food Science	12	1
Prerequisite: 3 credits of Science including Biology and Chemistry		
In this class students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. <i>This course meets the requirements for science credit.</i>		
Forensic Science	11 -12	1
Prerequisite: Biology & Chemistry		
Forensic Science introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the legal aspects as they relate to each discipline of forensic science.		

SOCIAL STUDIES

World Geography	9	1
This course introduces students to the physical and human world around them and helps them develop the means to examine that world. Facts and information on physical, cultural, political, and economic geography, as well as abundant opportunity to apply the content through the exercise of map and globe skills, reading skills, and thinking skills will be provided to the student.		
World Geography Honors (Advanced Class)	9	1
Prerequisite: See counselor		
This course introduces students to the physical and human world around them and helps them develop the means to examine that world. Facts and information on physical, cultural, political, and economic geography, as well as abundant opportunity to apply the content through the exercise of map and globe skills, reading skills, and thinking skills will be provided to the student.		
World History	10	1
This course includes a survey of ancient, medieval, and modern times with an emphasis placed upon modern times. A background of world events will be presented to the students to enable them to understand current events and world problems. Both western and non-western areas of the world will be studied.		
World History Honors (Advanced Class)	10	1
Prerequisite: See counselor		
This course includes a survey of ancient, medieval, and modern times with an emphasis placed upon modern times. A background of world events will be presented to the students to enable them to understand current events and world problems. Both western and non-western areas of the world will be studied.		
United States History	10-11	1
A required course emphasizing individual roles in U.S. History with a thorough summary of the pre-Civil War time period, but with primary emphasis on the events, issues, and problems of the post-Civil War 19 th , 20 th , and 21 st centuries. The content includes a thorough review of the eight grade TAKS contents, the industrial age, reform movements, social changes, cultural developments, and the political and economic influences on the events and problems of our time.		
United States History Honors (Advanced Class)	10-11	1
Prerequisite: See counselor		
A required course emphasizing individual roles in U.S. History with a thorough summary of the pre-Civil War time period, but with primary emphasis on the events, issues, and problems of the post-Civil War 19 th , 20 th , and 21 st centuries. The content includes a thorough review of the eight grade TAKS contents, the industrial age, reform movements, social changes, cultural developments, and the political and economic influences on the events and problems of our time.		
United States History Online SPC Dual Credit	10-11	1
Prerequisite: Must meet TSI requirements		
This course is only offered through South Plains College as a dual credit class. (HIST 1301 and HIST 1302) Students wishing to take this class should contact the Levelland High School Counseling Center.		
Economics	11-12	1/2
Economics deals with the way in which individuals, households, firms, industries and governments decide to employ their given talents and resources to best meet their many desires. Economics will enable the student to understand and evaluate the United States economy and how it works, and to participate more successfully in the actual operation of the economy itself.		

Economics Online SPC Dual Credit	11-12	1/2
Prerequisite: Must meet TSI requirements		
This course is only offered through South Plains College as a dual credit class. (ECON 1301) Students wishing to take this class should contact the Levelland High School Counseling Center.		
Government	11-12	1/2
The study of government will include the basic structure and function of the American system and a citizen's role within the democratic political process.		
Government Online SPC Dual Credit		
Prerequisite: Must meet TSI requirements	11-12	1/2
This course is only offered through South Plains College as a dual credit class. (GOVT 2305)		
World Regional Geography Online SPC Dual Credit	11-12	1/2
Prerequisite: Must meet TSI requirements		
This course is an introduction to the world's major regions seen through their defining physical, social, cultural, political, and economic features. These regions are examined in terms of their physical and human characteristics and their interactions. The course emphasizes relations among regions on issues such as trade, economic development, conflict, and the role of regions in the globalization process.		
Cultural Anthropology Online SPC Dual Credit Course	11-12	1/2
Prerequisite: Must meet TSI requirements		
This course is the study of human cultures. Topics may include social organization, institutions, diversity, interactions between human groups, and ethics in the discipline. Key concepts include, methods and theory in the study of cultural diversity, social institutions, linguistics, and cultural change among world peoples.		

ARTS AND HUMANITIES ENDORSEMENT FINE ARTS

Art I	9-12	1
This course is an introduction to basic art processes, materials, and principles. Students will learn to express their ideas and feelings through drawing, crafts, printmaking, painting and sculpture. Emphasis will be placed on individual expression.		
Art II	10-12	1
Prerequisite: Art I		
Emphasis in this course is placed on continuing development of the basic skills acquired in Art I. A wider range of experience with materials and techniques will be provided. Art and artists of the past and present will also be explored more fully. There is a \$10 supply fee for this class.		
Digital Art and Animation (formerly known as Art III)	11-12	1
Prerequisite: Art II		
This is a course for students who have developed a working knowledge and understanding of the basics of visual expression, theory and history. Emphasis will be on individual progress in areas of the student's major interest. Subject areas include drawing, painting, sculpture, commercial design, art history, print making, and computer art. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student uses digital media and environments to communicate and work collaboratively, including at a distance to support individual learning and contribute to the learning experience of others. The student applies digital tools to gather, evaluate, and use information. The student uses critical-thinking skills to plan and conduct research, manage products, solve problems, and make informed decisions using appropriate digital tools and resources. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The students demonstrate a sound understanding of technology concepts, systems, and operations. There is a \$10 supply fee for this class.		
3D Modeling and Animation (formerly known as Art IV)	12	1
Prerequisite: Art III or Digital Art and Animation		
This is a course for only the most advanced student. All areas of art will be explored. Specific projects developed between the teacher and student will be done throughout the year. The student demonstrated creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. The student applies digital tools to gather, evaluate, and use information. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student demonstrated a sound understanding of technology concepts, systems, and operations. There is a \$10 supply fee for this class		
Psychology/ May also be taken as dual credit	10-12	1/2
This course is a brief introduction to the history of psychology. Students will also briefly explore human development, behavior and memory.		
Sociology/May also be taken as dual credit	10-12	1/2
This course will introduce students to social theory, research and methods of analysis. Other areas that will be explored include: contemporary issues in historical and cross-cultural contexts, inequality, family, gender, social change and collective behavior.		
Band I, II, III, IV	9-12	1
Prerequisite: See band director		
These classes are designed for the advanced and highly dedicated high school playing musician. The course offers musicianship, showmanship and performance. <i>Fall marching band may count for .5 credit for physical education.</i>		

Jazz Band	9-12	1
Prerequisite: Must be in band		
Jazz is a primarily American music art form which originated at the beginning of the 20 th century in African American communities in the Southern United States from a confluence of African and European music traditions (Wikipedia). Students will learn the style of playing jazz and learn how to improvise.		
Choral Music I, II, III, IV—Men’s Choir and Women's Choir	9-12	1
Prerequisite: See choir director		
Singing is a Lifetime Skill! Choral music is for everyone--beginner to most talented. These courses are designed to help individuals to sing in a performing group. A large repertoire of choral literature is studied and performed from all styles and time periods. Students sing in concerts, go caroling, compete in UIL events and produce a show in May.		
Principles and Elements of Floral Design	9-12	1
This course is designed to develop students’ ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. There is a mandatory \$35 material fee for this course. <i>This course meets the graduation requirement for Fine Arts.</i>		
Theatre Arts I	9-12	1
This course is an introduction to the high school theater program which teaches basic acting techniques, technical theater, and the fundamentals of play production. Students also learn dramatic interpretation, training of the speaking voice, study of stage diction, and an exploration of theatrical history.		
Theatre Arts II	10-12	1
Prerequisite: Theatre Arts I		
This course is for the student who wishes to further explore his/her study of theater. A continuation of Theatre Arts I, it stresses basic production and acting techniques, dramatic literature, and theater history.		
Theatre Arts III	11-12	1
Prerequisite: Theatre Arts II		
Students will produce a class play for junior varsity one-act. Students will also learn appropriate techniques for physical, vocal and emotional expression as they experiment with stage movement. Analyzing characters from various genres and styles, describing physical, intellectual, emotional and social dimensions will also be an integral part of Theatre III.		
Theatre Arts IV	12	1
Prerequisite: Theatre Arts III		
This course will focus on ways in which theatre, television, and film play a role in our daily lives and influence our values and behaviors. Students will appraise personal theatre skills and experiences to opportunities in higher education and careers outside of the theatre. Demonstration of leadership by casting and directing a .		
Theatre Production I	10-12	1
Prerequisite: Permission from instructor		
Students in this course will study technical theater, play production, and various forms of programming. Special emphasis is given to acting techniques. Students will become involved in two play productions during the year (one long play in the fall and one-act play in the spring) and <u>must be able to have “after school” rehearsals.</u>		
Theatre Production II	11-12	1
Prerequisite: Theatre Productions I		
A continuation of Theatre Production I, students in this course will continue their study technical theater, play production, and various forms of programming. Special emphasis is given to acting techniques. Students will become involved in two play productions during the year (one long play in the fall and one-act play in the spring) and <u>must be able to have “after school” rehearsals.</u>		
Theatre Production III	12	1
Prerequisite: Theatre Productions I and II		
A continuation of Theatre Production II, students in this course will continue their study technical theater, play production, and various forms of programming. Special emphasis is given to acting techniques. Students will become involved in two play productions during the year (one long play in the fall and one-act play in the spring) and <u>must be able to have “after school” rehearsals.</u>		

LANGUAGES OTHER THAN ENGLISH

Spanish I

9

1

This course is an introduction to the Spanish-speaking world, its language and its people. The main emphasis is on early oral communication skills while developing listening, reading and writing skills. The grammar skills will be introduced through both oral and written expression. The student will be guided in recognizing the interrelationships of languages and have a good understanding of the cultural aspects of the Spanish-speaking world.

Spanish II

9-10

1

Prerequisite: Spanish I

The student will study the oral and written use of Spanish on subjects of timely interest. Listening and speaking skills will be developed to expand vocabulary as well as reading for comprehension. Writing with appropriate grammatical structure will be emphasized to increase the range of a student's knowledge of the language.

Cultural & Linguistic Topics

10-12

1

Prerequisite: Spanish I, see counselor

Cultural and Linguistic Topics introduce students to the study of other cultures. Students gain the knowledge to understand the historical development, geographical aspects, cultural aspects, and/or linguistic aspects of selected regions or countries by completing one or more of the knowledge and skills for cultural and linguistic topics.

Computer Science I

9-12

1

Prerequisite: Algebra I Recommended

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

Computer Science II

10-12

1

Prerequisite: Computer Science I

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course in a more advanced manner.

PHYSICAL EDUCATION UNIVERSITY INTERSCHOLASTIC LEAGUE (UIL) EVENTS

Levelland High School offers a wide range of University Interscholastic League competitive sports. **One unit of physical education credits is required for graduation** by the state of Texas. Students may have up to 4 physical education credits. The UIL Athletics list is a list of courses from which both boys and girls may choose, depending upon their particular interests and abilities.

Athletics offered at Levelland High School

Football

Basketball

Track

Baseball

Softball

Tennis

Golf

Cross Country

Athletic Trainer

Volleyball

Power Lifting (done after school only)

Physical Education—Individual and Team Sports

9-12

1/2-1

Individual and team sports will be taught, emphasizing sport specific skills and rules, agility, flexibility, hand-eye coordination, injury prevention, and sportsmanship. Also, cardiovascular conditioning will be stressed, providing students the opportunity to improve their current fitness level and to develop good lifelong fitness habits.

GENERAL ELECTIVES

Office/Library Aide

11-12

1/2 or 1

A limited number of selected students all allowed to work as office or library aides. **Students may have only one period per day as an aide, unless they are participating in the co-op work program.** Aides are expected to maintain a passing average in all classes, have good telephone skills, and meet the public well. Office aides will assist in attendance collection, new student orientation, as well as the numerous tasks involved in maintaining the front office. Library aides will assist students in finding needed materials, re-shelf materials, as well as the numerous tasks involved in maintaining the library. No student will be considered as a candidate for office or library aide without prior consent from the attendance clerk or librarian. **Except for students participating in the co-op work program, credits received for office or library aide are local credit and DO NOT count toward graduation requirements.**

Sports Medicine I

10-12

1/2 or 1

Sports Medicine I provides an opportunity for the study and application of the components of sports medicine including but not limited to: sports medicine related careers, organizational and administrative considerations, prevention of athletic injuries, recognition, evaluation and immediate care of athletic injuries, rehabilitation and management skills, taping and wrapping techniques, first aid/CPR/AED, emergency procedures, nutrition sports psychology, human anatomy and physiology, therapeutic modalities, and therapeutic exercise. Texas State Athletic Trainer's Association (TSATA) www.tsata.com sponsorship through 2016-2017.

Health

9

1/2

Students develop skills that will make them health-literate adults. Students gain a deeper understanding of the knowledge and behaviors they use to safeguard their health, particularly pertaining to health risks. Students are taught how to access accurate information that they can use to promote health for themselves and others. Students use problem-solving, research, goal-setting and communication skills to protect their health and that of the community.

Teen Leadership

9

1/2

Teen Leadership is a course in which students develop leadership, professional, and business skills. They learn to develop a healthy self-concept, healthy relationships, and learn to understand the concept of personal responsibility. They will develop an understanding of Emotional Intelligence and the skills it measures, which include self-awareness, self-control, self-motivation, and social skills. Students will develop skills in public speaking and communication and an understanding of personal image, delivering clear verbal messages, choosing effective nonverbal behaviors, listening for desired results, applying valid critical-thinking and problem-solving processes; and identifying, analyzing, developing, and evaluating communication skills needed for professional and social success in interpersonal situations, group interactions, and personal and professional presentations. They will develop an understanding of the concept of principle-based decision-making and learn to make responsible financial decisions. They will develop an understanding of the effects of peer pressure, will develop skills to counteract those effects, and will develop problem-solving skills. They will develop an understanding of the principles of parenting, enabling them to become better family members and citizens. They will also develop an understanding of the need for vision in goal-setting, personally and professionally.

Personal Financial Literacy

11-12

1/2

The knowledge gained in this course has far-reaching effects for students personally as well as the economy as a whole. When citizens make wise financial decisions, they gain opportunities to invest in themselves, build businesses, consume goods and services in a responsible way, and secure a future without depending on outside assistance. The economy benefits from the optimal use of resources, increased consumption, and strong local businesses. State and local governments benefit with steady revenue streams and reduced future obligations as our society ages.

College & Career Pathway

11

1/2

Students taking this course will prepare to take the TSI, ACT, SAT and ASVAB. Students will also focus on career interests to help determine a post high school path. It is recommended this course be taken opposite of Personal Financial Literacy.

CAREER AND TECHNICAL EDUCATION

Career and Technical Education offers students an opportunity to learn skills which may be used in high school or in a career after graduation. In addition, career and technical education helps develop qualities needed to succeed in the work force.

Articulated Some courses taught at Levelland High school may be eligible for Articulated credit. If the student earns at least an 80 average in the class, the student will receive a certificate and after completing 6 hours at South Plains College, the student can give the certificate to the SPC Registrar and will receive college credit. **Classes that may be eligible for Articulated and ATC credit are so noted in the class description by ***after the course.**

The district offers career and technical education programs in the following clusters: Agriculture, Food & Natural Resources; Architecture & Construction; Arts, A/V Technology & Communications; Business, Management & Administration; Finance; Health Science; Hospitality & Tourism; Human Services; Information Technology; Manufacturing; Science, Technology, Engineering & Mathematics; and Transportation, Distribution & Logistics.

****One credit from identified Career and Technical Education (CTE) courses is required.***

BUSINESS AND INDUSTRY ENDORSEMENT AGRICULTURE, FOOD, AND NATURAL RESOURCES

Principles of Agriculture, Food and Natural Resources	9	1
A basic course designed to provide an introduction to global agriculture. The course includes instructional units in agricultural career development, leadership, communications, personal finance, and mechanized agriculture.		
Livestock Production	10-12	1
A course designed to develop knowledge and skills pertaining to the nutrition, reproduction, health, and management of domestic animals.		
Equine Science (Semester 1)	10-12	1/2
A course designed to develop knowledge and skills pertaining to the selection, nutrition, reproduction, health, and management of horses.		
Professional Communications (Semester 1)	9-12	1/2
A course designed to develop appropriate spoken, written, and visual communications techniques and procedures. This course meets the graduation requirement for speech.		
Small Animal Management (Semester 2)	9-12	1/2
This course is designed to give students academic knowledge and skills related to the care and management of small animals and to learn basics of small animal systems. Animals which may be included in the course include small mammals, amphibians, reptiles, avian, dogs, and cats.		
Professional Standards in Agribusiness	10-12	1/2
Prerequisite: See Counselor; (Offered on odd years)		
A comprehensive course designed to develop agricultural leadership, citizenship, and cooperation. Instruction includes such topics as personal development, employee/employer relations, and group and interpersonal communication skills.		
Agribusiness Management and Marketing X	10-12	1
Prerequisite: See Counselor; (Offered on even years)		
This course is designed to provide a foundation to agribusiness management and the free enterprise system. Instruction includes the use of economic principles such as supply and demand, budgeting, record keeping, finance, risk management, business law, marketing, and careers in agribusiness. This is a competition based class with competition teams being created.		
Veterinary Medical Applications	11-12	1
Prerequisite: Equine Science and Small Animal Mgmt or Livestock Production		
This course covers topics relating to veterinary practices, including practices for large and small animal species. To prepare for careers in the field of animal science, students must attain academic skills and knowledge, acquire technical knowledge and skills related to animal systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer knowledge and skills and technologies in a variety of settings.		
Horticulture Science	10-12	1
This course is designed to develop an understanding of common horticultural management practices as they relate to food and ornamental plant production.		
Landscape Design and Management	10-12	1/2
Landscape Design and Management is designed to develop an understanding of landscape design and management techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.		

Turf Grass Management	10-12	1/2
Turf Grass Management is designed to develop an understanding of turf grass management techniques and practices. To prepare for careers in horticultural systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to horticultural systems and the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations.		
Wildlife, Fisheries, and Ecology Management	10-12	1
Students analyze the importance of wildlife with an emphasis on use and management. They analyze the importance of wildlife and recreation management; know the history of wildlife and recreation management. Students identify the basic ecological concepts of game management; identify game, non-game, and fish species, and describe the management of wildlife populations.		
Range Ecology and Management	10-12	1
Range Ecology and Management is designed to develop students' understanding of rangeland ecosystems and sustainable forage production. To prepare for careers in environmental and natural resource systems, students must attain academic skills and knowledge, acquire technical knowledge and skills related to environmental and natural resources, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.		
Principles and Elements of Floral Design	9-12	1
This course is designed to develop students' ability to identify and demonstrate the principles and techniques related to floral design as well as develop an understanding of the management of floral enterprises. <i>This course meets the graduation requirement for Fine Arts.</i>		
Advanced Floral Design	10-12	1
Prerequisite: Principles and Elements of Floral Design		
In this course, students build on the knowledge from the <i>Floral Design</i> course and are introduced to more advanced floral design concepts, with an emphasis on specialty designs and specific occasion planning. This course focuses on building skills in advanced floral design and providing students with a thorough understanding of the design elements and planning techniques used to produce unique specialty floral designs that support the goals and objectives of a specific occasion or event.		
Practicum in Agriculture, Food, and Natural Resources	11-12	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. To prepare for careers in agriculture, food and natural resources, students must attain academic skills and knowledge, acquire technical knowledge and skills related to the workplace, and develop knowledge and skills regarding career opportunities, entry requirements, and industry expectations. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills and technologies in a variety of settings.		
Agricultural Mechanics & Metal Technologies (Welding I)	10-12	1
Students taking this class for ½ credit will forfeit the opportunity to receive Articulated credit		
This course is designed to develop an understanding of agricultural mechanics as it relates to safety and skills in tool operation, electrical wiring, plumbing, carpentry, fencing, concrete, and metal working techniques. A course designed to develop skills in metal equipment assembly and joining processes.		
Agriculture Structures Design & Fabrication (Welding II)	11-12	1
Prerequisite: Ag. Mechanics & Metal Technologies		
To be prepared for careers in mechanized agriculture and technical systems, students attain knowledge and skills related to agricultural facilities design and fabrication. Students explore career opportunities, entry requirements, and industry expectations. To prepare for success, students reinforce, apply, and transfer their academic knowledge and technical skills in a variety of settings.		

Welding I – SPC Dual Credit	11-12	2
Recommended Prerequisite: Ag. Mechanics & Metal Technologies		
Students will take Welding 1430 in the fall semester. This course provides a study of the principles of gas metal arc welding and the setup and use of associated equipment and tools with emphasis on safe shop practices. Instruction is given in various joint designs. Spring semester students take Welding 1412. This course is an introduction to Flux Cored arc Welding terminology, safety procedures, and equipment set-up. Students will practice welding structural joints in all positions using self-shielded and gas-shielded electrodes.		
Welding II – SPC Dual Credit	12	2
Prerequisite: Welding I Dual Credit		
Students will take Welding 1428 in the fall semester. This course emphasizes power sources, electrode selection, oxy-fuel cutting and various joint designs. Welding 1457 is taught in the second semester. Students will be tested in all welding positions and instructed in the preparation of test specimens and proper test procedures.		

BUSINESS AND INDUSTRY ENDORSEMENT ARCHITECTURE AND CONSTRUCTION

Principles of Architecture	9	1
Students use self-knowledge, education, and career information to set and achieve realistic career and educational goals. Job-specific training can be provided through training modules that identify career goals in trade and industry areas. Classroom studies include topics such as safety, work ethics, communication, information technology applications, systems, health, environment, leadership, teamwork, ethical and legal responsibility, employability, and career development and include skills such as problem solving, critical thinking, and reading technical drawings.		
Construction Technology I	10-12	2
In Construction Technology I, students will gain knowledge and skills needed to enter the workforce as carpenters or building maintenance supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will acquire knowledge and skills in safety, tool usage, building materials, codes, and framing.		
Construction Technology II	11-12	2
Prerequisite: Construction Technology I		
In Construction Technology II, students will gain advanced knowledge and skills needed to enter the workforce as carpenters, building maintenance technicians, or supervisors or to prepare for a postsecondary degree in construction management, architecture, or engineering. Students will build on the knowledge base from Construction Technology I and are introduced to exterior and interior finish out skills.		

BUSINESS AND INDUSTRY ENDORSEMENT ARTS, A/V TECHNOLOGY, AND COMMUNICATIONS

Graphic Design & Illustration (formerly Yearbk I)	10-12	1
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Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an understanding of the industry with a focus on fundamental elements and principles of visual art and design.

Graphic Design & Illustration II (formerly Yearbk II)	11-12	2
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Prerequisite: Graphic Design & Illustration

Careers in graphic design and illustration span all aspects of the advertising and visual communications industries. Within this context, in addition to developing advanced technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications career cluster, students will be expected to develop an advanced understanding of the industry with a focus on mastery of content knowledge and skills.

Video Game Design	10-12	1
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Students will explore one of the largest industries in the global marketplace. This course will teach gaming, computerized gaming. Evolution of gaming, artistic aspects of perspective, design, animation, and programming logic. Students will participate in a simulation of a real video game design team while developing technical proficiency in constructing an original game design.

Game Programming and Design (Technology Application)	10-12	1
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Prerequisite: Algebra I

Game Programming and Design will foster student creativity and innovation by presenting students with opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve gaming problems. Through data analysis, students will include the identification of task requirements, plan search strategies, and use programming concepts to access, analyze, and evaluate information needed to design games. By acquiring programming knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect.

Web Game Development (Technology Application)	11-12	1
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Students will illustrate ideas for web artwork, research, evaluate, and demonstrate appropriate design of a web-based gaming site, as well as other effective uses of art media to create original web designs.

BUSINESS AND INDUSTRY ENDORSEMENT BUSINESS, MANAGEMENT AND ADMINISTRATION

Principles of Business, Marketing and Finance	9	1
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Students analyze the sales process and financial management principles. This course allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems and settings in business, marketing, and finance.

*Business Information Management I	9-12	1
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Students apply technical skills to address business applications of emerging technologies, create word-processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software. **This course may be counted as the Career and Technical Education (CTE) local requirement for graduation. NOTE: BCIS 1305 at South Plains College is accepted as equal for this course, but is not offered at Levelland High School. It can be taken outside the school day and submitted for inclusion on the high school transcript.**

Virtual Business**10-12****1/2**

Virtual Business is designed for students to start a virtual business by creating a web presence, conducting online and off-line marketing, examining contracts appropriate for an online business, and demonstrating project-management skills. Students will also demonstrate bookkeeping skills for a virtual business, maintain business records, and understand legal issues associated with a virtual business

Career Prep I**11-12****2**

Career Prep I provides opportunities for students to participate in a work-based learning experience that combines classroom instruction with business and industry employment experiences. The goal is to prepare students with a variety of skills for a changing workplace. This course is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

BUSINESS AND INDUSTRY ENDORSEMENT INFORMATION TECHNOLOGY

Principles of Information Technology**9-10****1**

Students will develop computer literacy skills to adapt to emerging technologies used in the global marketplace. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. Students will enhance reading, writing, computing, communication, and reasoning skills and apply them to the information technology environment.

All students entering 9th grade in the 2019-2020 school year and after must take ONE of the three classes above (Principles of Business, Marketing and Finance; Business Information Management I; Principles of Information Technology).

All students entering 9th grade before 2019-2020 are required to take Business Information Management (BIM).

Computer Maintenance**10-12****1****Recommended Prerequisite: Principles of Information Technology**

In Computer Maintenance, students will acquire knowledge of computer maintenance and creating appropriate documentation. Students will analyze the social responsibility of business and industry regarding the significant issues relating to the environment, ethics, health, safety, and diversity in society and in the workplace as related to computer maintenance. Students will apply technical skills to address the IT industry and emerging technologies.

Networking**10-12****1****Recommended Prerequisites: Principles of Information Technology**

Students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. Networking prepares students for entry level careers related to design, development, support, and management of hardware, software, multimedia and systems integration services.

Computer Technician**10-12****2****Recommended Prerequisites: Principles of Information Technology**

In the Computer Technician Practicum, students will gain knowledge and skills in the area of computer technologies, including advanced knowledge of electrical and electronic theory, computer principles, and components related to the installation, diagnosis, service, and repair of computer-based technology systems. Students will reinforce, apply, and transfer their knowledge and skills to a variety of settings and problems. Proper use of analytical skills and application of IT concepts and standards are essential to prepare students for success in a technology-driven society. Critical thinking, IT experience, and product development may be conducted in a classroom setting with an instructor, with an industry mentor, or both.

Digital Media (DIM) **10-12** **1**
Prerequisite: Business Information Management I recommended
 If you like being creative on the computer, this class is for you! Programs covered include: (1) *Photoshop* – learn all kinds of cool things to do with graphics in Photoshop. Create posters and documents with various types of pictures you design – from crazy to elegant. (2) *Video editing* – plan and produce videos, and then edit the scenes, add narration, music, sound clips, transitions, and special effects to create a professional-looking video. (3) *Animation* – write a script, create clay figures or use Lego’s and other ordinary objects (including people) to create *stop-motion* animated movie. (4) *PowerPoint* – take your PowerPoint skills to a higher level. Learn to do cartoon animation within PowerPoint, add mp3 music, sound clips from the Internet, and much, much more.

Networking **10-12** **1**
Recommended Prerequisites: Principles of Information Technology
 Students will develop knowledge of the concepts and skills related to data networking technologies and practices in order to apply them to personal or career development. Networking prepares students for entry level careers related to design, development, support, and management of hardware, software, multimedia and systems integration services.

Web Technologies **10-12** **1**
Recommended Prerequisite: Principles of Information Technology
 In Web Technologies, students will learn to make informed decisions and apply the decisions to the field of IT. Students will implement personal and interpersonal skills to prepare for a rapidly evolving workplace environment. The knowledge and skills acquired and practiced will enable students to successfully perform and interact in a technology-driven society. Students will enhance reading, writing, computing, communication, and critical thinking and apply them to the IT environment.

BUSINESS AND INDUSTRY ENDORSEMENT MARKETING

Advertising **9-12** **1/2**
Recommended Prerequisite: Principles of Business Marketing, and Finance
 Advertising is designed as a comprehensive introduction to the principles and practices of advertising. Students will gain knowledge of techniques used in current advertising, including print, broadcast, and digital media. The course explores the social, cultural, ethical, and legal issues of advertising, historical influences, strategies, media decision processes as well as integrated marketing communications, and careers in advertising and sales promotion. The course provides an overview of how communication tools can be used to reach target audiences and increase consumer knowledge.

Sports and Entertainment Marketing **9-12** **1/2**
Recommended Prerequisite: Principles of Business, Marketing, and Finance
 Sports and Entertainment Marketing will provide students with a thorough understanding of the marketing concepts and theories that apply to sports and entertainment. The areas this course will cover include basic marketing concepts, publicity, sponsorship, endorsements, licensing, branding, event marketing, promotions, and sports and entertainment marketing strategies.

Sports and Entertainment Marketing II **10-12**
Prerequisite: Sports & Entertainment Marketing I
TBD

Entrepreneurship	10-12	1/2
Recommended prerequisite: Principles of Business, Marketing, and Finance		
In Entrepreneurship, students will gain the knowledge and skills needed to become an entrepreneur. Students will learn the principles necessary to begin and operate a business. The primary focus of the course is to help students understand the process of analyzing a business opportunity, preparing a business plan, determining feasibility of an idea using research, and developing a plan to organize and promote the business and its products and services. In addition, students will understand the capital required, the return on investment desired, and the potential for profit.		

Accounting I***	10-12	1
Taken as Online Dual Credit at SPC		
Introduces general accounting concepts, principles, and procedures; emphasizes the need for financial records; provides the fundamental equation and its application to accounting procedures, including the basic steps of the accounting cycle, special journals and ledgers, work sheets, adjusting and closing entries, special problems in the purchase and sale of merchandise, notes and interest, depreciation, accruals and prepaid items, payroll records, and personal income taxes. Accounting develops the knowledge, skills, and attitudes necessary for individuals to conduct personal business or to further an education in the field of accounting. Students complete practice sets of simulations, use calculators, and process some data electronically.		

Accounting II	11-12	1
Taken as Online Dual Credit at SPC. Prerequisite: Accounting I		
An introductory course to the fundamental concepts of managerial accounting appropriate for all organizations. Students will study information from the entity's accounting system relevant to decisions made by internal managers. The emphasis is on the identification and assignment of product costs, operational budgeting and planning, cost control, and management decision making.		

BUSINESS AND INDUSTRY ENDORSEMENT FINANCE

Money Matters	10-12	1
In Money Matters, students will investigate money management from a personal financial perspective. Students will apply critical-thinking skills to analyze financial options based on current and projected economic factors. Students will gain knowledge and skills necessary to establish short-term and long-term financial goals. Students will examine various methods of achieving short-term and long-term financial goals through various methods such as investing, tax planning, asset allocating, risk management, retirement planning, and estate planning.		

BUSINESS AND INDUSTRY ENDORSEMENT HOSPITALITY AND TOURISM

Principles of Hospitality and Tourism	9-12	1/2 or 1
Prerequisite: IEP Decision Making Team Recommendation Required		
The hospitality and tourism industry encompasses lodging; travel and tourism; recreation, amusements, attractions, and resorts; and restaurants and food beverage service. The hospitality and tourism industry maintains the largest national employment base in the private sector. Students use knowledge and skills that meet industry standards to function effectively in various positions within this multifaceted industry.		

Introduction to Culinary Arts 9 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.

Culinary Arts 10-12 2
In this course students will practice managerial, production, and service skills used in commercial or independently owned food establishments. The students will plan, select, store, purchase, prepare, and serve food and food products. Students will study basic nutrition, sanitation, and food safety; the use and care of commercial equipment; and the operation of food establishments. Through this course critical thinking, practical problem solving, and entrepreneurship opportunities within the field of culinary arts are emphasized. This is a very hands-on professional program. More topics covered include: knife skills, recipe reading, baking science, baking, meat and poultry, ginger bread houses, appetizers, vegetables, spices, herbs, and starches.

Advanced Culinary Arts 11-12 2
Prerequisite: Culinary Arts
This course will build on the skills learned in Culinary Arts. Through this course critical thinking, practical problem solving, and entrepreneurship opportunities within the field of culinary arts are emphasized. This is a very hands-on professional program. More topics covered include: knife skills, recipe reading, baking science, baking, meat and poultry, ginger bread houses, appetizers, vegetables, spices, herbs, and starches

Food Science 11-12 1
Prerequisite: Biology, Chemistry + 1 Additional Science Credit
In this class students conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Food Science is the study of the nature of foods, the causes of deterioration, the principles underlying food processing, and the improvement of foods for the consuming public. ***This course meets the requirements for science credit.***

BUSINESS AND INDUSTRY ENDORSEMENT MANUFACTURING

Welding*** 11-12 2
Prerequisite: SPC Course, See Counselor
Welding provides the knowledge, skills, and technologies required for employment in metal technology systems. Students develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success. **SEE PAGE 23**

Advanced Welding*****11-12****2****Prerequisite: SPC Course, See Counselor**

Students will develop advanced welding concepts and skills as they relate to personal and career development. This course integrates academic and technical knowledge and skills. Students will have opportunities to reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. **SEE PAGE 23**

**BUSINESS AND INDUSTRY ENDORSEMENT
TRANSPORTATION****Automotive Technology*******11-12****2****Prerequisite: SPC Course, See Counselor**

Automotive services include knowledge of the function of the major automotive systems and the principles of diagnosing and servicing these systems. In Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices.

Advanced Automotive Technology*****11-12****2****Prerequisite: SPC Course, See Counselor**

In Advanced Automotive Technology, students gain knowledge and skills in the repair, maintenance, and diagnosis of vehicle systems. This study allows students to reinforce, apply, and transfer academic knowledge and skills to a variety of interesting and relevant activities, problems, and settings. The focus of this course is to teach the theory of operation of automotive vehicle systems and associated repair practices.

PUBLIC SERVICES ENDORSEMENT HEALTH SCIENCE

Principles of Health Science	9	1
Prerequisite: None		
This course is designed to develop health care specific knowledge and skills in effective communications, ethical and legal responsibilities, client care, safety, first aid, CPR, and some anatomy and physiology.		
Health Science Theory	10-12	1
Prerequisite: None		
This course is designed to develop health care specific knowledge and skills in effective communications, ethical and legal responsibilities, client care, safety, first aid, CPR, and some anatomy and physiology.		
Practicum in Health Science	12	2
Prerequisite: Principles of Health Science, Sixteen (16) years of age by April 1 of current school year		
This class requires two class periods. The course is designed to provide for the development of multi-occupational knowledge and skills related to a wide variety of health careers. Students will have hands-on experience for continued knowledge and skills development. After successful completion of the course, students will be eligible for certification as a CNA through the state of Texas.		
Medical Terminology – SPC Dual Credit	11-12	1
Prerequisite: Must meet TSI requirements		
Students will study advanced terminology in various medical and surgical specialties.		
Anatomy & Physiology of Human Systems	11-12	1
Prerequisite: Biology		
In this course, students conduct laboratory investigations and fieldwork, use scientific methods during investigations, and make informed decisions using critical thinking and problem solving. Topics will be presented through an integration of biology, chemistry, and physics. Students will study the structures and functions of the human body and body systems and will investigate the body's responses to forces, maintenance of homeostasis, electrical interactions, transport systems, and energy systems. <i>This course meets the requirements science credit.</i>		

PUBLIC SERVICES ENDORSEMENT HUMAN SERVICES

Principles of Human Services	9	1
This course is designed to address skills related to personal development and management, promotion of strong families, and preparation for adult roles. It includes a focus on interpersonal skills; decision making; promotion of family strengths and wellbeing; developing positive relationships with peers; child development and care; and clothing selection and maintenance. Other studies address nutrition and dietary practices; food selection and preparation, budgeting and consumer buying practices; and management of family housing needs. Influences of societal and technological changes,		
Lifetime Nutrition and Wellness	10-12	1/2
This lab class concentrates on nutrition, food choices and food management skills for individuals and the family throughout the life cycle. Instruction addresses nutrition; food habits and wellness; menu planning; special dietary needs; food costs and budgeting; food safety and sanitation; food labels; and food handling, storage, and preparation practices.		
Interpersonal Studies	10-12	1/2
This course examines how the relationships between individuals and among family members significantly affect the quality of life. Students use knowledge and skills in family studies and human development to enhance personal development, foster quality relationships, promote wellness of family members, manage multiple adult roles, and pursue careers related to counseling and mental health services.		

Child Development*** **10-12** **1**
Students taking this class for ½ credit will forfeit the opportunity to receive dual credit
 This course is designed to focus on knowledge and skills related to the development, care, guidance, and protection of children. Instruction addresses the principles and procedures for promoting the physical, emotional, social, and intellectual development of young children, including those with special needs. Other topics include characteristics of quality child care, career options related to the care and education of children, and the management of multiple community and family roles.

Cosmetology I*** **11** **2**
Prerequisite: SPC Course, See Counselor
 This course coordinates integration of academic, career, and technical knowledge and skills in this laboratory instructional sequence course designed to provide job-specific training for employment in cosmetology careers. Instruction includes sterilization and sanitation procedures, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Analysis of career opportunities, requirements, expectations, and development of workplace skills are included.

Cosmetology II*** **12** **2**
Prerequisite: SPC Course, See Counselor
 Students review academic knowledge and skills related to cosmetology. This course is designed to provide advanced training for employment in cosmetology careers. Instruction includes advanced training in sterilization and sanitation processes, hair care, nail care, and skin care and meets the Texas Department of Licensing and Regulation requirements for licensure upon passing the state examination. Students apply, combine, and justify knowledge and skills to a variety of settings and problems.

Public Service Endorsement

LAW, PUBLIC SAFETY, CORRECTIONS, AND SECURITY

Law Enforcement I **10-12** **1**
 Law Enforcement I is an overview of the history, organization, and functions of local, state, and federal law enforcement. Students will understand the role of constitutional law at local, state, and federal levels; the U.S. legal system; criminal law; and law enforcement terminology and the classification and elements of crime.

Law Enforcement II **11-12** **1**
Prerequisite: Law Enforcement I
 Law Enforcement II provides the knowledge and skills necessary to prepare for a career in law enforcement. Students will understand ethical and legal responsibilities, patrol procedures, first responder roles, telecommunications, emergency equipment operations, and courtroom testimony.

BUSINESS AND INDUSTRY ENDORSEMENT TECHNOLOGY APPLICATIONS

Computer Science I

9-12

1

Prerequisite: Algebra I Recommended

Computer Science I will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of the principles of computer science through the study of technology operations, systems, and concepts.

Computer Science II

10-12

1

Prerequisite: Computer Science I

Computer Science II will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve the problems presented throughout the course. Through data analysis, students will identify task requirements, plan search strategies, and use computer science concepts to access, analyze, and evaluate information needed to solve problems. By using computer science knowledge and skills that support the work of individuals and groups in solving problems, students will select the technology appropriate for the task, synthesize knowledge, create solutions, and evaluate the results. Students will learn digital citizenship by researching current laws and regulations and by practicing integrity and respect. Students will gain an understanding of computer science through the study of technology operations, systems, and concepts.

Digital Art and Animation (formerly Art III)

11-12

1

Prerequisite: Art II

This is a course for students who have developed a working knowledge and understanding of the basics of visual expression, theory and history. Emphasis will be on individual progress in areas of the student's major interest. Subject areas include drawing, painting, sculpture, commercial design, art history, print making, and computer art. The student demonstrates creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student uses digital media and environments to communicate and work collaboratively, including at a distance to support individual learning and contribute to the learning experience of others. The student applies digital tools to gather, evaluate, and use information. The student uses critical-thinking skills to plan and conduct research, manage products, solve problems, and make informed decisions using appropriate digital tools and resources. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The students demonstrate a sound understanding of technology concepts, systems, and operations. There is a \$10 supply fee for this class. **This course meets the requirement for 1 Fine Arts credit.**

3D Modeling and Animation (formerly Art IV)

12

1

Prerequisite: Art III or Digital Art and Animation

This is a course for only the most advanced student. All areas of art will be explored. Specific projects developed between the teacher and student will be done throughout the year. The student demonstrated creative thinking, constructs knowledge, and develops innovative products and processes using technology. The student uses digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others. The student applies digital tools to gather, evaluate, and use information. The student uses critical-thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources. The student understands human, cultural, and societal issues related to technology and practices legal and ethical behavior. The student demonstrated a sound understanding of technology concepts, systems, and operations. There is a \$10 supply fee for this class. **This course meets the requirement for 1 Fine Arts credit.**