



Littlefield High School

Course Description Book

2017-2018

LITTLEFIELD ISD



State Requirements

Foundation High School Program

DISTINGUISHED

A STUDENT MAY EARN A DISTINGUISHED LEVEL OF ACHIEVEMENT BY SUCCESSFULLY COMPLETING:
4 CREDITS IN MATH (MUST INCLUDE ALGEBRA II)
4 CREDITS IN SCIENCE
CURRICULUM REQUIREMENTS FOR AT LEAST ONE ENDORSEMENT

A student must earn distinguished level of achievement and be in the top 10% to be eligible for top 10% automatic admission.

FOUNDATION + ENDORSEMENT – 26 CREDITS

24 FOUNDATION CREDITS
1 ADDITIONAL MATH
1 ADDITIONAL SCIENCE

*CREDITS MUST MEET
CURRICULUM REQUIREMENTS
FOR ONE ENDORSEMENT.

STEM

Business &
Industry

Public
Services

Arts &
Humanities

Multi-
disciplinary

FOUNDATION – 24 CREDITS

4 ENGLISH LANGUAGE ARTS (ELA I, II, III & 1 Advanced English)
3 MATHEMATICS (Algebra I, Geometry & 1 Advanced Math)
3 SCIENCE (Biology + 1 lab-based science & 1 Advanced Science)
3 SOCIAL STUDIES (World Geography OR World History OR Combined WG/WH, US History, Government/Economics)
2 LANGUAGES OTHER THAN ENGLISH (including Computer Programming)
1 FINE ARTS
1 PHYSICAL EDUCATION
5 ELECTIVES

Please note

Littlefield High School also requires:
1 credit of a computer class.
.5 credit of Professional Communications (speech)
.5 credit of Health

Endorsements

STEM	Business & Industry	Public Service	Arts & Humanities	Multidisc.
4 Maths + 5 Sciences Or 4 Science + 5 Maths (may include dual credit classes)	4 Math + 4 Sciences <u>+ 4 classes from:</u> Livestock Principals of Ag Ag. Mech. Ag. Power Ag. Fab Wildlife Energy & Nat. Resources Or 2 Ag's + 2 <u>computers:</u> Dig. & Int. Media Web Tech. Audio/Video Digital Art & Anim. Robotics	4 Math + 4 Sciences <u>And:</u> Dollars & Sense Lifetime Nut. Interpersonal St. Child Develop. Travel & Tourism	4 Math + 4 Sciences <u>4 classes from 2 different areas:</u> Band Theatre Choir Or <u>With parent permission:</u> 5 credits from Band, Theatre, Choir + 4 English, 4 Maths, 3 Soc. Studies, 3 Science	Eng, I, Eng II, Eng III, Eng IV + Alg 1, Geom, Alg, II, Pre-Cal + Bio, Chem, Physics, An & Phys. + World Hist, World Geog., US Hist, Gov 1/2, Eco 1/2

Livestock Production

In Livestock Production, students will acquire knowledge and skills related to livestock and the livestock production industry. Livestock Production may address topics related to beef cattle, dairy cattle, swine, sheep, goats, and poultry.

TSDS PEIMS Code:
13000300
(LIVEPROD)

Credit: 1

Grade: 10–12

Prerequisite:
None.

Agricultural Mechanics and Metal Technologies

Agricultural Mechanics and Metal Technologies 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. To prepare for careers in agricultural power, structural, and technical systems, students must attain academic skills and knowledge; acquire technical knowledge and skills related to power, structural, and technical agricultural systems and the industry; and develop knowledge and skills regarding career opportunities, entry requirements, industry certifications, and industry expectations.

TSDS PEIMS Code:
13002200
(AGMECHMT)

Credit: 1

Grade: 10–12

Prerequisite:
None.

Principles of Agriculture, Food, and Natural Resources

Principles of Agriculture, Food, and Natural Resources will allow students to develop knowledge and skills regarding career and educational opportunities, personal development, globalization, industry standards, details, practices, and expectations.

TSDS PEIMS Code:
13000200
(PRINAFNR)

Credit: 1

Grade: 9–12

Prerequisite:
None.

Agribusiness Management and Marketing

Agribusiness Management and Marketing 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.

TSDS PEIMS Code:
13000900
(AGRBUSMM)

Credit: 1

Grade: 11–12

Prerequisite:
None.

Wildlife, Fisheries, and Ecology Management

Wildlife, Fisheries, and Ecology Management examines the management of game

TSDS PEIMS Code:

<p>and non-game wildlife species, fish, and aqua crops and their ecological needs as related to current agricultural practices. To prepare for success, students need opportunities to learn, reinforce, apply, and transfer their knowledge and skills in a variety of settings.</p>	<p>13001500 (WFECGT)</p> <p>Credit: 1</p> <p>Grade: 9–12</p> <p>Prerequisite: None.</p>
<p>Agricultural Structures Design and Fabrication</p>	
<p>In Agricultural Structures Design and Fabrication, students will explore career opportunities, entry requirements, and industry expectations. To prepare for careers in mechanized agriculture and technical systems, students must attain knowledge and skills related to agricultural structures design and fabrication.</p>	<p>TSDS PEIMS Code: 13002300 (AGSDF)</p> <p>Credit: 1</p> <p>Grade: 9–12</p> <p>Prerequisite: Agricultura I Mechanics and Metal Technologies.</p>
<p>Business Information Management I</p>	
<p>In Business Information Management I, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce and postsecondary education. Students apply technical skills to address business applications of emerging technologies, create word processing documents, develop a spreadsheet, formulate a database, and make an electronic presentation using appropriate software.</p>	<p>TSDS PEIMS Code: 13011400 (BUSIM1)</p> <p>Credit: 1</p> <p>Grade: 9–12</p> <p>Prerequisite: None.</p>
<p>Business Information Management II</p>	
<p>In Business Information Management II, students implement personal and interpersonal skills to strengthen individual performance in the workplace and in society and make a successful transition to the workforce or postsecondary education. Students apply technical skills to address business applications of emerging technologies, create complex word-processing documents, develop sophisticated spreadsheets using charts and graphs, and make an electronic presentation using appropriate multimedia software.</p>	<p>Credit: 1</p> <p>Grade: 10–12</p> <p>Prerequisite: BIM 1</p>
<p>Digital Media</p>	
<p>In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. 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.</p>	<p>TSDS PEIMS Code: 13027800 (DIMEDIA)</p> <p>Credit: 1</p> <p>Grade: 10–12</p> <p>Prerequisite: BIM 1</p>
<p>Audio/Video Production I</p>	
<p>In addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will</p>	<p>TSDS PEIMS Code: 13008500 (AVPROD1)</p>

be expected to develop an understanding of the industry with a focus on pre-production, production, and post-production audio and video products.	Credit: 1
	Grade: 9–12
	Prerequisite: None.

Robotics Programming & Design

Robotics Programming and Design will foster students' creativity and innovation by presenting opportunities to design, implement, and present meaningful robotic programs through a variety of media. Students will collaborate with one another, their instructor, and various electronic communities to solve problems in designing and programming robots. Through data analysis, students will identify task requirements, plan search strategies, and use robotic concepts to access, analyze, and evaluate information needed to solve problems. By using robotic 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 robotics through the study of physics, robotics, automation, and engineering design concepts.

PREREQUISITE: Business Info I

Credit: 1

Type: Standard

Grade: 10-12

Digital Media

In Digital Media, students will analyze and assess current and emerging technologies, while designing and creating multimedia projects that address customer needs and resolve a problem. 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.	TSDS PEIMS Code: 13027800 (DIMEDIA)
	Credit: 1
	Grade: 10–12
	Prerequisite: BIM 1

Web Technologies

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.	TSDS PEIMS Code: 13027900 (WEBTECH)
	Credit: 1
	Grade: 10–12
	Prerequisite: BIM 1

Career Preparation I

Career Preparation 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. Career preparation is relevant and rigorous, supports student attainment of academic standards, and effectively prepares students for college and career success.

TSDS PEIMS Code: 12701300 (CAREERP1)
Credit: .5-3
Grade: 11–12
Prerequisite: None

Lifetime Nutrition and Wellness

Lifetime Nutrition and Wellness is a laboratory course that allows students to use principles of lifetime wellness and nutrition to help them make informed choices that promote wellness as well as pursue careers related to hospitality and tourism, education and training, human services, and health sciences.

TSDS PEIMS Code: 13024500 (LNURTWEL)
Credit: 1
Grade: 9–12
Prerequisite: none

Child Development

Child Development is a technical laboratory course that addresses knowledge and skills related to child growth and development from prenatal through school-age children, equipping students with child development skills. Students use these skills to promote the well-being and healthy development of children and investigate careers related to the care and education of children.

TSDS PEIMS Code: 13024700 (CHILDEV)
Credit: 1
Grade: 9–12
Prerequisite: none

Interpersonal Studies

Interpersonal Studies 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.

TSDS PEIMS Code: 13024400 (INTERSTU)
Credit: 1
Grade: 9–12
Prerequisite: none

Dollars and Sense

Dollars and Sense focuses on consumer practices and responsibilities, money-management processes, decision-making skills, impact of technology, and preparation for human services careers.

TSDS PEIMS Code: 13024300 (DOLLARSE)
Credit: 1
Grade: 9–12
Prerequisite: none

Travel and Tourism Management

Travel and Tourism Management incorporates management principles and procedures of the travel and tourism industry as well as destination geography, airlines, international travel, cruising, travel by rail, lodging, recreation, amusements, attractions, and resorts. Employment qualifications and opportunities are also included in this course.	TSDS PEIMS Code: 13022500 (TRTORMGT)
	Credit: 1
	Grade: 9–12
	Prerequisite: none

Anatomy and Physiology

The Anatomy and Physiology course is designed for students to conduct laboratory and field investigations, use scientific methods during investigations, and make informed decisions using critical thinking and scientific problem solving. Students in Anatomy and Physiology will study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis	TSDS PEIMS Code: 13020600 (ANATPHYS)
	Credit: 1
	Grade: 11–12
	Prerequisite: Biology and a second science credit

Principles of Human Services

This course is a study of skills related to family living, home management, nutrition, child-care, housing, clothing and careers, including interpersonal skills; decision-making; promotion of family strengths and well-being; positive relationships, child development and care and many other aspects.

Credit: 1

Type: Standard

Grade: 9-12

Interior Design

Students will gain an understanding of the elements and principles of design. Students will learn to make appropriate selections of colors, fabrics, furnishings, lighting and furniture. Students will apply math calculations to scale rooms and create scaled floor plans for a variety of spaces.

Credit: .05-1

Type: Standard

Grade: 9-12

Annual (Yearbook)

Course communicates in a variety of forms such as print, digital, online, or photographic media for a variety of audiences and purposes. Students are expected to plan, draft, and complete written and/or visual communications on a regular basis, carefully examining their copy for clarity, engaging language, and the correct use of the conventions and mechanics of written English. Students will apply journalistic ethics and standards. Students will understand and implement the staff roles necessary for publications of various print and electronic media. Commitment to working outside classroom hours and meeting deadlines is required

Credit: 1

Type: Standard

Grade: 9-12

Professional Communications

Professional Communications blends written, oral, and graphic communication in a careerbased environment. Careers in the global economy require individuals to be creative and have a strong background in computer and technology applications, a strong and solid academic foundation, and a proficiency in professional oral and written communication. Within this context, students will be expected to develop and expand the ability to write, read, edit, speak, listen, apply software applications, manipulate computer graphics, and conduct Internet research.

TSDS PEIMS Code:
13009900
(PROFCOMM)

Credit: .5

Grade: 9–12

Prerequisite:
none

Health

The Health Education Course is designed to enhance the awareness and knowledge of healthy lifestyle choices. The six adolescent risk behaviors (tobacco use, dietary patterns that contribute to disease, sedentary lifestyles, sexual behaviors, alcohol and drug use, and behaviors that result in intentional and unintentional injury) will be addressed while advocating for the students to make healthy choices for their overall health. We will also cover mental and emotional health, nutrition.

Credit: 0.5

Type: Standard

Grade: 9-12

Physical Education (P.E.)

Physical Education is an important component of each student's school experience. Physical wellness and psychomotor skills are developed through a variety of activities. As a young adult, it is important to acquire and refine skills that will enhance quality of life through physically active and healthy habits.

Credit: 1

Type: Standard

Grade: 9-12

Drivers Education

This course will prepare students with the information and skill necessary to safely operate a motor vehicle.. The driving portion is done outside of school and has a fee. Please see teacher for details. (Students must be at least 15 yrs old by the end of the semester that they take the course.)

Credit: 0.5

Type: Standard

Grade: 9-12

English I

Students will receive intensive study in reading, writing, vocabulary, grammar, internet usage, test taking strategies, and critical thinking leading to the ability to analyze, synthesize, and apply original concepts and conclusions. Using written reports, oral reports, and multimedia presentations, students will learn to communicate in formal speech, technical speech, and informal speech using analytical and critical thinking. The total course of study will involve occasional homework and is designed to prepare students for college and for successful communication in the future business world. Students must pass the English I STAAR EOC to meet state graduation requirements.

Credit: 1

Type: Standard

Grade: 9-12

English I Honors

English honors I begins preparing students for the Advanced Placement exams which will be given in the junior and senior years. Pre AP English I consists of reading and writing about literature from all genres and using the English language effectively in writing, class discussions, and oral reports. Grammar and mechanics are given appropriate review necessary for correct writing. Students must pass the English I STAAR EOC to meet state graduation requirements.

COURSE NOTE: Students must have made an 90 in regular English or an 80 in English Honors for the previous year.

Credit: 1

Type: Honors

Grade: 9-12

English II

Students enrolled in English II will continue to receive intensive study in reading, writing, vocabulary, grammar, Internet usage, test taking strategies, and critical thinking leading to the ability to analyze, synthesize, and apply original concepts and conclusions. Students will plan, draft, and complete written compositions on a regular basis related to classroom assignments and will receive instruction in the grammar skills necessary for correct communication in writing. Using written reports, oral reports, and multimedia presentations, students will learn to communicate in formal speech and informal speech using analytical and critical thinking. The total course of study will involve occasional homework and is designed to prepare students for college and for successful communication in the future business world. Students must pass the English II STAAR EOC to meet state graduation requirements.

Credit: 1

Type: Standard

Grade: 9-12

English II Honors

English II honors prepares students for the Advanced Placement exams which will be given in the junior and senior years. Pre AP English II continues the sequence by reading and writing about literature from all genres in world literature and by using the English language effectively in writing, class discussions, oral reports, and group presentations. Grammar and mechanics are given appropriate review necessary for correct writing. Students will receive intensive vocabulary studies. This course requires extensive outside reading including the summer reading and assignments to be announced at the end of the school year. Students must pass the English II STAAR EOC to meet state graduation requirements.

COURSE NOTE: Students must have made an 90 in regular English or an 80 in English Honors for the previous year.

Credit: 1

Type: Honors

Grade: 9-12

English III

Students enrolled in English III will participate in a study of American literature from the Colonial Period to the Modern Era. They will write essays that demonstrate prior analytical preparation, and they will prepare a research project based on current events discussed throughout the school year using scholarly procedures, which prepare them for a college career and for business research. They will continue to

receive intensive study in reading, writing, grammar, vocabulary, library usage, Internet usage, test taking strategies, and critical thinking leading to the ability to analyze, synthesize, and apply to their studies original concepts and conclusions based on accumulated facts. Students will plan, draft, and complete written compositions using clear writing skills on a regular basis related to classroom assignments and will receive instruction in the grammar skills necessary for correct communication. Emphasis will be given to the form of writing necessary for successful completion of the reading and writing portions of the TSI. Using written reports, oral reports, and multimedia presentations, students will learn to communicate in formal speech, technical speech, and informal speech using analytical and critical thinking. The total course of study will involve occasional homework and is designed to prepare students for college and for successful communication in the future.

Credit: 1

Type: Standard

Grade: 9-12

AP English III- Language and Composition

This full-year course is comparable to the first semester English course that is required for freshmen at all colleges and universities. Based on the College Board's course description, the course content engages college-bound students in becoming skilled leaders of prose written in a variety of periods, disciplines, and rhetorical contexts and in becoming skilled writers who compose for a variety of purposes. Emphasis is writing and reading for depth, including timed essays over the reading text and group presentations. A research paper will be required in the second semester. Students will be expected to take the AP exam in May.

COURSE NOTE: Students must have made an 90 in regular English or an 80 in English Honors for the previous year.

Credit: 1

Type: Advanced Placement

Grade: 9-12

English IV

Students enrolled in English IV will participate in a study of British literature from Beowulf to the Modern Era. They will prepare a research project using scholarly procedures necessary for success in college and in business research throughout the year. They will demonstrate mastery of skills necessary for reading, writing, grammar, vocabulary, library usage, Internet usage, test taking strategies and critical thinking through analysis and synthesis. Students will plan, draft, and complete written compositions using clear writing skills on a regular basis and will demonstrate clear communication skills according to the audience addressed. Using written reports, oral reports, and multimedia presentations, students will demonstrate clear communication in formal speech, technical speech, and informal speech for college and business. The total course of study will involve frequent homework.

PREREQUISITE: ENG3 - English III **or** ENG3AP

Credit: 1

Type: Standard

Grade: 10-12

AP English IV - English Literature and Composition

This full-year course is comparable to the second semester English course that is required for freshmen at all colleges and universities. Based on the College Board's course description, this course engages

college-bound students in extensive reading and writing about literature from all genres in American, British, and world literature with strong attention to analysis of writer's style, tone, diction, and other elements of writing. Emphasis is writing and reading for depth, including weekly timed essays over the reading text. Attention to accuracy in the mechanics of effective writing will be expected. Students will be expected to take the AP exam in May.

PREREQUISITE: ENG3 - English III **or** ENG3AP

Credit: 1

Type: Advanced Placement

Grade: 10-12

Dual Credit English 4 –ENGL 1301- SPC Semester 1

ENGL 1301 - Composition and Rhetoric: Principles of clear, correct, effective expository writing, with illustrative readings and frequent essays and conferences. Course should be taken within first year of enrollment. The dual credit course is left up to the discretion of the institution of higher education providing instruction.

COURSE NOTE: For DC student must meet ACT/SAT/TSI requirements set by SPC and complete college registration paperwork. See counselor for details

PREREQUISITE: ENG3 - English III **or** ENG3AP

Credit: 0.5

Type: Dual Credit

Grade: 9-12

Dual Credit English 4 – ENGL 1302- SPC Semester 2

ENGL 1302 - Composition and Reading: Readings from imaginative literature; the research paper and shorter critical and interpretive essays. Course should be taken within first year of enrollment. Prerequisite(s): ENGL 1301 The dual credit course is left up to the discretion of the institution of higher education providing instruction.

COURSE NOTE: For DC student must meet ACT/SAT/TSI requirements set by SPC and complete college registration paperwork. See counselor for details.

PREREQUISITE: ENGL 1301 (semester 1) – Dual credit

Credit: 0.5

Type: Standard

Grade: 9-12

Band I

The LHS Band is a performance-oriented class with students expected to perform at football games, contests, concerts, and parades. Attendance is required at all performances, practices, and summer band rehearsals. Band is an academic subject fulfilling the state requirements for Fine Arts in the school curriculum. Band students are required to work on instrumental studies in conjunction with Band, which may require after school lessons or practices.

Credit: 1

Type: Standard

Grade: 9

Band II

The LHS Band is a performance-oriented class with students expected to perform at football games, contests, concerts, and parades. Attendance is required at all performances, practices, and summer band rehearsals. Band is an academic subject fulfilling the state requirements for Fine Arts in the school curriculum. Band students are required to work on instrumental studies in conjunction with Band, which may require after school lessons or practices.

PREREQUISITE: Band I

Credit: 1

Type: Standard

Grade: 10

Band III

The LHS Band is a performance-oriented class with students expected to perform at football games, contests, concerts, and parades. Attendance is required at all performances, practices, and summer band rehearsals. Band is an academic subject fulfilling the state requirements for Fine Arts in the school curriculum. Band students are required to work on instrumental studies in conjunction with Band, which may require after school lessons or practices.

PREREQUISITE: Band II

Credit: 1

Type: Standard

Grade: 11

Band IV

The LHS Band is a performance-oriented class with students expected to perform at football games, contests, concerts, and parades. Attendance is required at all performances, practices, and summer band rehearsals. Band is an academic subject fulfilling the state requirements for Fine Arts in the school curriculum. Band students are required to work on instrumental studies in conjunction with Band, which may require after school lessons or practices.

PREREQUISITE: Band III

Credit: 1

Type: Standard

Grade: 12

Chorale I

This is a non-auditioned non-varsity treble chorus. Course curriculum includes vocal techniques, large ensemble singing techniques, performance techniques, sight singing, ear training, music history and appreciation, and basic music theory. This ensemble participates in UIL and other extracurricular activities, which require each student to maintain their academic eligibility in order to participate. Students are required to attend and perform at scheduled choral department concerts as part of the curriculum mandated by the State of Texas.

Credit: 1

Type: Standard

Grade: 9-12

Chorale II

This is a non-auditioned non-varsity treble chorus. Course curriculum includes vocal techniques, large ensemble singing techniques, performance techniques, sight singing, ear training, music history and appreciation, and basic music theory. This ensemble participates in UIL and other extracurricular activities, which require each student to maintain their academic eligibility in order to participate. Students are required to attend and perform at scheduled choral department concerts as part of the curriculum mandated by the State of Texas.

PREREQUISITE: Chorale I

Credit: 1

Type: Standard

Grade: 10-12

Chorale III

This is a non-auditioned non-varsity treble chorus. Course curriculum includes vocal techniques, large ensemble singing techniques, performance techniques, sight singing, ear training, music history and appreciation, and basic music theory. This ensemble participates in UIL and other extracurricular activities, which require each student to maintain their academic eligibility in order to participate. Students are required to attend and perform at scheduled choral department concerts as part of the curriculum mandated by the State of Texas.

PREREQUISITE: Chorale II

Credit: 1

Type: Standard

Grade: 11-12

Chorale IV

This is a non-auditioned non-varsity treble chorus. Course curriculum includes vocal techniques, large ensemble singing techniques, performance techniques, sight singing, ear training, music history and appreciation, and basic music theory. This ensemble participates in UIL and other extracurricular activities, which require each student to maintain their academic eligibility in order to participate. Students are required to attend and perform at scheduled choral department concerts as part of the curriculum mandated by the State of Texas.

PREREQUISITE: Chorale III

Credit: 1

Type: Standard

Grade: 12

Theater I

Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Students increase their understanding of heritage and traditions through historical and cultural studies in theatre. Student response and evaluation promote thinking and further discriminating judgment, developing students who are appreciative and evaluative consumers of live theatre, film, television, and other technologies.

Credit: 1

Type: Standard

Grade: 9-12

Theater II

Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Students increase their understanding of heritage and traditions through historical and cultural studies in theatre. Student response and evaluation promote thinking and further discriminating judgment, developing students who are appreciative and evaluative consumers of live theatre, film, television, and other technologies.

PREREQUISITE: Theater I

Credit: 1

Type: Standard

Grade: 10-12

Theater III

Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Students increase their understanding of heritage and traditions through historical and cultural studies in theatre. Student response and evaluation promote thinking and further discriminating judgment, developing students who are appreciative and evaluative consumers of live theatre, film, television, and other technologies.

PREREQUISITE: Theater II

Credit: 1

Type: Standard

Grade: 11-12

Theater IV

Through a variety of theatrical experiences, students communicate in a dramatic form, make artistic choices, solve problems, build positive self-concepts, and relate interpersonally. Students increase their understanding of heritage and traditions through historical and cultural studies in theatre. Student response and evaluation promote thinking and further discriminating judgment, developing students who are appreciative and evaluative consumers of live theatre, film, television, and other technologies.

PREREQUISITE: Theater III

Credit: 1

Type: Standard

Grade: 12

Theatre Production

The focus of this class involves the producing of the school theatrical productions. Using the skills learned in previous theatre classes the students will work on all aspects of the school's productions including; publicity, set design/ construction, costume design/construction, lighting, sound, makeup, and props as well as stage management and direction. When the school productions are completed for the year students will work on an independent theatre project. Participants will gain an appreciation of theatre by attending and reviewing theatrical productions in the community.

Credit: 1

Type: Standard

Grade: 9-12

Spanish I

Beginning Spanish student will learn through dialogues, practice exercises and real-life situations. The students learn to understand, speak, read, and write on selected topics about daily life and common daily

settings. Students will learn to apply grammatical principles of the language and learn to form new ideas and to communicate them. Students will also compare grammatical principles and compare how they differ from the English language. Cultural information about the Spanish speaking countries is integrated into daily lessons.

Credit: 1

Type: Standard

Grade: 9-12

Spanish II

The development of skills begun in Spanish I is continued and expanded. Greater emphasis is placed on oral proficiency, listening, reading and writing about self and everyday life. Knowledge of grammar is expanded, including object pronouns and most of the verb tenses beyond the present. Cultural information is taught through basic content readings and supplemental materials.

Credit: 1

Type: Standard

Grade: 9-12

Spanish III

The development of skills begun in Spanish II is continued and expanded. Greater emphasis is placed on oral proficiency, reading and writing about self and everyday life. Knowledge of grammar is expanded, including object pronouns and most of the verb tenses beyond the present. Cultural information is taught through basic content readings and supplemental materials.

Credit: 1

Type: Standard

Grade: 10-12

Office Aide

Office aide is a local credit course designed to teach office skills and responsibilities. Students will assist in the main office.

Credit: 0.5-1

Type: Standard

Grade: 11-12

Library Aide

Library aide is a local credit course designed to teach office skills and responsibilities. Students will assist in the Library.

Credit: 0.5-1

Type: Standard

Grade: 11-12

Counselor Aide

Counselor aide is a local credit course designed to teach office skills and responsibilities. Students will assist in the counselors' office.

Credit: 0.5-1

Type: Standard

Grade: 11-12

Algebra I

This is a basic required course for the study of algebraic concepts. Students will model, analyze, and interpret problem situations using functions. Concrete, numerical, algorithmic, and graphical representation will be used to solve meaningful problems. Students must pass the Algebra I STAAR EOC to meet state graduation requirements.

Credit: 1

Type: Standard

Grade: 9-12

Algebra I Honors

This course is for students who are college-bound or plan to go to technical school. The student is encouraged to think logically and systematically in problem solving. Foundation concepts and algebraic tools, functions, equations, and their relationships are studied. Algebraic thinking and symbolic reasoning are also important concepts in this course. Students will model, analyze, and interpret problem situations using functions. Concrete, numerical, algorithmic, and graphical representations will be used to solve meaningful problems. Homework will be assigned on a regular basis. Students must pass the Algebra I STAAR EOC to meet state graduation requirements.

COURSE NOTE: Student must have earned a minimum of a 80 in Advanced 8th grade math or an 90 in Regular 8th grade math

Credit: 1

Type: Honors

Grade: 9-12

Geometry

This is a basic required course for the study of geometric concepts. Foundation concepts and basic geometric tools, figures and their properties are studied. Geometric thinking and spatial reasoning are also important concepts in this course. The relationship between geometry, other mathematics, and other disciplines is studied. A student is encouraged to think logically and systematically in applying properties of figures. Homework will be assigned on a regular basis. It is strongly recommended that the student has successfully completed both semesters of Algebra 1

PREREQUISITE: Algebra I **or** Pre-AP Algebra I

Credit: 1

Type: Standard

Grade: 9-12

Algebra II

This is a required course for the 4 X 4 graduation plan. It is recommended that the student has successfully passed previous mathematics. Foundation concepts and algebraic tools, functions, equations, and their relationships are studied. Algebraic thinking and symbolic reasoning are also important concepts in this course. The relationship between algebra and geometry is also analyzed. Homework will be assigned on a regular basis.

PREREQUISITE: Algebra I **or** Pre-AP Algebra I

Credit: 1

Type: Standard

Grade: 9-12

Algebra II Honors

This course is designed for students who show an advanced aptitude for mathematics. The regular content of Algebra II will be covered and extended in content and depth. Subjects will be taught at an accelerated pace. Foundation concepts and algebraic tools, functions, equations, and their relationships are studied. Algebraic thinking and symbolic reasoning are also important concepts in this course. The relationship between algebra and geometry is also analyzed. Students expecting to take AP classes in math should be enrolled in this class.

COURSE NOTE: Student must have earned a minimum of a 80 in PreAP Alg I or an 90 in Regular Alg I.

Credit: 1

Type: Honors

Grade: 9-12

Mathematical Models with Applications

Students use algebraic, graphical, and geometric reasoning to recognize patterns and structures, to model information, and solve real-life applied problems involving money, data, chance, patterns, music, design, and science.

PREREQUISITE: Algebra I **or** Algebra I Honors

Credit: 1

Type: Standard

Grade: 9-12

Pre-Calculus

The course topics include college algebra, advanced trigonometry, and analytic geometry of two and three dimensions. Students experience a thorough analysis of all elementary functions and curve-sketching. Selected discrete mathematics topics including normal probability distributions, non-linear regression, and hypothesis testing are explored. Proofs such as mathematical induction are included. Experience with graphing calculators is incorporated.

PREREQUISITE: Algebra II **or** Pre-AP Algebra II

Credit: 1

Type: Standard

Grade: 11-12

Pre-Calculus Honors

This course is designed for students who have successfully completed Algebra I Honors & Algebra II Honors. Seniors who intend to study Calculus in College may also take it. This course covers elementary analysis, trigonometry and analytical geometry. In addition this course covers the nature of logarithms, exponentials, and all types of polynomial functions, as well as a study of geometric and arithmetic sequences and series. The course introduces the future calculus student to the concepts of the limit and of the derivative, two of the critical concepts in calculus.

COURSE NOTE: Student must have earned a minimum of a 80 in Alg II Honors or an 90 in Regular Alg II

PREREQUISITE: Algebra II **or** Algebra II Honors

Credit: 1

Type: Honors

Grade: 11-12

Dual Credit College Algebra - SPC

College Algebra: This online course covers rational expressions, radicals, complex numbers, graphs,

second-degree equations in one or two variables, exponential and logarithmic functions, conic sections, sequence, series, and the binomial theorem. The dual credit course is left up to the discretion of the institution of higher education providing instruction.

COURSE NOTE: For DC student must meet ACT/SAT/TSI requirements set by SPC and complete college registration paperwork. See counselor for details.

Credit: 0.5

Type: Dual Credit

Grade: 11-12

Biology

This course is a science class in which students will study the cell, the molecular basis of heredity, biological evolution, interdependence of organisms, matter and energy, and organization in living systems and the behavior of organisms. The class will include several laboratory-based lessons.

Credit: 1

Type: Standard

Grade: 9-12

Physics

This is a lab based course in Physics with an emphasis on the practical aspects of Physics in everyday life in addition to the problem solving process. Students will conduct laboratory and field investigations, use scientific methods during investigations, and use critical thinking and scientific problem solving. Concepts to be covered include: laws of motion; changes within physical systems and conservation of energy and momentum; forces; thermodynamics; electricity and magnetism; characteristics and behaviors of waves; and atomic, nuclear, and quantum mechanics.

Credit: 1

Type: Standard

Grade: 9-12

Chemistry

This course is a laboratory-based science class in which students will study the structure and properties of matter as they explore chemical reactions, the structure of atoms, conservation and interactions of energy and matter.

Credit: 1

Type: Standard

Grade: 9-12

Anatomy & Physiology of Human Systems

Anatomy and Physiology is a lab-based study of the structure and function of each human body system. The study begins with body terms and orientation and continues with cells, tissues, and organs that compose each of the body systems. This course is strongly recommended for students who want to enter a health science career.

PREREQUISITE: Student must have taken Biology

Credit: 1

Type: Standard

Grade: 10-12

IPC

Integrated Physics and Chemistry, IPC, is designed to be an introductory course in the study of matter

and energy, and how they interact. The curriculum is centered in six main themes: motion and forces, energy, waves, matter, reactions, and applications of chemistry. Hands on activities are incorporated into curriculum and offer the students a variety of ways to experience the concepts about the world around them.

Credit: 1

Type: Standard

Grade:10-12

AP Biology

The objectives of this course are to help the students to see science as a process of inquiry as well as a body of knowledge, to learn the basic principles and facts of biology, and to acquire skills such as the manipulation of laboratory equipment, observation, record keeping, and critical data analysis. Course content includes cell anatomy and physiology of plants and animals; an introduction to cell division and genetics; and the concepts of specialization, adaptation, and evolution. Students must pass the Biology STAAR EOC to meet state graduation requirements.

Credit: 1

Type: Advanced Placement

Grade: 11-12

World Geography

The course examines physical and cultural geographic settings. Political, social, and economic effects across nations are viewed through group research, independent reading and reports, video and power point development of lessons, map practice and development. All continents are studied in depth including ethnic diversity and conflict. All countries are introduced and researched including the different religions.

Credit: 1

Type: Standard

Grade: 9-12

World History

This is a survey course studying prehistoric to modern times involving people, the developmental periods, and cultural differences throughout history. Students will be required to develop presentations using class research, take extensive notes, contributed during discussion, write essays, and take subjective exams.

Credit: 1

Type: Standard

Grade: 9-12

U.S. History

U. S. History consists of reconstruction to modern history, the study of major events and contributing people, and determining how the Constitution influences American culture. Students will be required to take notes, do class research, and discuss readings. Write essays, and take subjective exams. Extra reading assignments are required. Students must pass the U.S. History STAAR EOC to meet state graduation requirements.

PREREQUISITE: Must have passed any 9th/10th grade social studies course

Credit: 1

Type: Standard

Grade: 9-12

Dual Credit US History 2301- Semester 1

United States History to 1877 - European background, exploration and discovery, colonization, the War for Independence, the Constitution, early national period, Jefferson and Jackson, expansion, and the era of sectionalism culminating in the Civil War and Reconstruction. The dual credit course is left up to the discretion of the institution of higher education providing instruction.

COURSE NOTE: The dual credit course is left up to the discretion of the institution of higher education providing instruction. Students must pass the U.S. History STAAR EOC to meet state graduation requirements. For DC student must meet ACT/SAT/TSI requirements set by SPC and complete college registration paperwork. See counselor for details.

Credit: 0.5

Type: Dual Credit

Grade: 9-12

Dual Credit US History 2302 - Semester 2

United States History since 1877 - American experience from the frontier and rise of industrial America, through overseas expansion, agrarian agitation, Progressivism, World Wars I and II, and the Cold War to the present.

COURSE NOTE: The dual credit course is left up to the discretion of the institution of higher education providing instruction. Students must pass the U.S. History STAAR EOC to meet state graduation requirements. For DC student must meet ACT/SAT/TSI requirements set by SPC and complete college registration paperwork. See counselor for details.

Credit: 0.5

Type: Dual Credit

Grade: 9-12

Economics

This is a semester course. Economics involves active participation in an overview of both microeconomics and macro-economics. Students will gain an understanding in business, consumerism, and government influence. Students will develop knowledge of supply and demand, develop group products and projects, and take in-depth tests.

Credit: 0.5

Type: Standard

Grade: 9-12

Government

This is a one semester course. Government involves applying the practices of citizenship, learning the

Constitution with emphasis on the Bill of Rights, and participating in mock situations involving each of the three branches of government, developing research and writing essays. Students develop knowledge of the polls, political parties, bias and fact, and keep a portfolio of work.

Credit: 0.5

Type: Standard

Grade: 9-12

Sociology

Sociology examines how individuals, groups, and institutions interact to make up human societies. You will learn about sociological perspectives, culture, social structures, and social inequality. You will study people and the roles they play in society, both as individuals and groups.

Credit: 0.5

Type: Standard

Grade: 9-12

Personal Finance Literacy

In this finance course, students learn basic principles of economics and best practices for managing their own finances. Students learn core skills in creating budgets, developing long-term financial plans to meet their goals, and making responsible choices about income and expenses. They gain a deeper understanding of capitalism and other systems so they can better understand their role in the economy of society. Students are inspired by experiences of finance professionals and stories of everyday people and the choices they make to manage their money.

Credit: 0.5

Type: Standard

Grade: 9-12

Work Permit

Students who have jobs are eligible for up to 1 work block if it fits within their schedule. This is a no credit class. Counselor/Instructor approval is required.

OTHER REQUIREMENTS: Counselor/Instructor approval required.

Credit: 0

Type: Standard

Grade: 12

Other Dual Credit Classes

Dual credit classes will vary by semester and year. South Plains College will provide a list of available dual credit classes. Please see the counselor for more information.

COURSE NOTE: Students must meet ACT/SAT/TSI requirements set by SPC and complete college registration paperwork. See counselor for details.

Credit: 0.05

Type: Dual Credit

Grade: 9-12

It is the policy of Littlefield ISD not to discriminate on the basis of race, color, national origin, sex, age, or handicap in the career and technical education program, services or activities 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.