

Titan Academy Course Catalog 2026-2027



**Trinity Basin Preparatory - Titan Academy
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Table of Contents

Table of Contents	2
Mission Statement for Trinity Basin Preparatory	3
Mission Statement for Titan Academy	3
TITAN Core Values	3
Coursework Options at Titan Academy	3
Graduation Plan	4
Endorsements	5
Dual Credit	6
Middle School Coursework List	8
Middle School Course Descriptions	10
MS English Department	10
MS Math Department	11
MS Science Department	12
MS Social Studies Department	13
MS Physical Education Department	14
MS Fine Arts Department	15
MS Career and Technical Education Department	16
High School Coursework List	17
High School Course Descriptions	19
HS English Department	19
HS Math Department	21
HS Science Department	22
HS Social Studies Department	23
HS Languages Other Than English Department	26
HS Fine Arts Department	27
HS Physical Education Department	29
High School Career and Technical Education Department	31

Mission Statement for Trinity Basin Preparatory

The mission of Trinity Basin Preparatory is to inspire every student to do more, expect more, and be more.

To make this mission a reality, every student and employee of Trinity Basin Preparatory is expected to exemplify the core values of a TITAN.

Mission Statement for Titan Academy

Mission:

Titan Academy inspires every student to do more, expect more, and be more through college readiness, strong fine arts and athletics programs, and individualized attention that supports each learner's growth.

Vision:

Titan Academy will be a premier learning community where every student is known, challenged, and prepared to excel in college, competition, creativity, and life.

TITAN Core Values

At Trinity Basin Preparatory, our students and employees strive to exemplify the following core values of a TITAN:

- Truthful: We seek and speak the truth. We operate with integrity and honesty.
- Innovative: We are creative and use resourcefulness in solving problems.
- Tenacious: We are unshakable, determined, and we possess true grit.
- Accountable: We are transparent in our actions and are accountable to each other.
- Nurturing: We build relationships and deeply care about all members of the TBP family

Coursework Options at Titan Academy

The high school program at Titan Academy is college preparatory and the coursework has been selected to give our students the greatest number of options after graduation.

It is the goal of the Titan Academy to create an environment where students are challenged and prepared for the demands of college. Some of our courses are labeled as "honors" meaning that these courses are challenging, and use teaching methodology that encourages critical thinking and taps into the creative process. Honors courses offer the same curriculum as regular classes but are enriched, emphasizing conceptual, critical, and independent thinking to produce creative applications of ideas.

Students are given the opportunity to express mastery and understanding through a variety of formats and products with an emphasis on creative expression and excellence.

Graduation Plan

High School Students enrolled in Titan Academy are automatically placed on the Distinguished Level of Achievement Graduation Plan for the State of Texas. The requirements are as follows:

- English – 4 credits
- Math – 4 credits
- Science – 4 credits
- Social Studies – 4 credits
- Foreign Language – 2 credits in the same language
- PE – 1 credit
- Fine Art – 1 credit
- Electives – 6 credits (4 credits must be specific to at least one endorsement)

Discipline	Distinguished Level of Achievement High School Program ¹	Performance Acknowledgement
English Language Arts	4 Credits (English I, II, III and an Advanced English)	Students have the option of earning a Performance Acknowledgement. This is not a graduation requirement, but allows students to obtain an acknowledgement for outstanding performance in different areas including: ▪ Dual Credit courses ▪ National Merit Scholar ▪ Bilingualism or Biliteracy ▪ Earning a state or nationally recognize certificate or license
Mathematics	4 Credits (Algebra I, Geometry, a third and fourth advanced math to include Algebra II) ²	
Science	4 Credits (Biology, Chemistry, Physics, and a fourth Science ²)	
Social Studies	4 Credits (World Geography, World History, U.S. History, Economics (½), Government (½))	
Languages other than English	2 Credits (Spanish)	
Fine Arts	1 Credit	
Physical Education ³	1 Credit (PE or Dance)	
Electives	6 Credits (including four endorsement credits)	
Endorsement	At least 4 endorsement credits	
TOTAL CREDITS	26 CREDITS	
Assessment Mastery	STAAR End-of-Course Exams English I, English II, Algebra I, Biology, and US History	

¹ See your school counselor for additional information.

² 3rd and 4th math and science requirements vary based on the endorsement

³ Up to four PE/PE substitutes may be used toward graduation requirements

Endorsements

Endorsements consist of a related series of courses that are grouped together by interest or skill set. They provide students with in-depth knowledge of a subject area. Students must select an endorsement in the ninth grade.

The following Endorsements are offered at Titan Academy:

- Arts and Humanities
- Science, Technology, Engineering, and Mathematics (STEM)
- Multidisciplinary Studies

Dual Credit

Titan Academy offers a robust selection of Dual Credit courses so students can earn both high school and college credit simultaneously, saving time and money on future tuition. These courses offer a challenging academic experience that helps students develop critical thinking, time management, and college-level study skills. Successfully completing Dual Credit classes can also strengthen college applications and ease the transition to higher education.

Starting in the 9th grade, students will take the Accuplacer TSIA2 assessment to determine eligibility for Dual Credit courses.

TSIA2 Assessment Score requirements

- ELAR - 945 with Essay of 5-6
- Math - 950 (only required for College Algebra or Statistics)

Typical Dual Credit Sequence:

10th Grade			
1st Semester	2nd Semester	HS Course Name	College Credit
SPC 1315 Intro to Speech Communications	ARTS 1301 Art Appreciation	HS Speech/Art App	6 Hours
11th Grade			
1st Semester	2nd Semester	HS Course Name	College Credit
ENGL 1301 Composition I	ENGL 1302 Composition II	HS English 3	6 Hours
HIST 1301 US History I	HIST 1302 US History II	HS US History	6 Hours
12th Grade			
1st Semester	2nd Semester	HS Course Name	College Credit
ECON 2301 Prin of Macro-Econ I	GOVT 2305 Government	HS Econ/Govt	6 Hours
ENGL 2322 British Literature I	ENGL 2323 British Literature II	HS English 4	6 Hours
MATH 1314 College Algebra	MATH 1342 Statistics	HS Adv Math	6 Hours
SOCI 2301 Sociology	PSY 1301 Psychology	HS Socio/Psych	6 Hours
		Total Hours	42 Hours

Middle School Coursework List

English Department

Reading Language Arts - 6th
Reading Language Arts - 6th Honors
Reading Language Arts - 7th
Reading Language Arts - 7th Honors
Reading Language Arts - 8th
Reading Language Arts - 8th Honors

Math Department

Math - 6th
Math - 6th Honors
Math - 7th
Math - 7th Honors
Math - 8th
Math - 8th Algebra I Honors (HS Credit)

Science Department

Science - 6th
Science - 6th Honors
Science - 7th
Science - 7th Honors
Science - 8th
Science - 8th Honors

Social Studies Department

Social Studies - 6th
Social Studies - 6th Honors
Social Studies - 7th
Social Studies - 7th Honors
Social Studies - 8th
Social Studies - 8th Honors

Languages Other Than English Department

Spanish I - 7th (HS Credit)
Spanish II - 8th (HS Credit)

MS Physical Education Department

Physical Education - 6th, 7th, 8th

MS Fine Arts Department

Art - 6th, 7th, 8th

MS Theatre Company - 6th, 7th, 8th (Students must audition for this course)

Dance - 6th, 7th, 8th

MS Dance Company - 6th, 7th, 8th (Students must audition for this course)

Choir - 6th, 7th, 8th

MS Advanced Choir - 6th, 7th, 8th (Students must audition for this course)

MS Career and Technical Education Department

Principles of A/V - 8th (HS Credit)

Middle School Course Descriptions

MS English Department

Reading Language Arts - 6th

This course emphasizes the fundamental language skills of reading, writing, speaking, listening, thinking, viewing and presenting. 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 story, poetry, novel, drama, and non-fiction. The development of critical reading and writing skills is a major emphasis of the course.

Reading Language Arts - 6th Honors

This course is made for 6th grade students who are ready for a more challenging science class. You will learn using harder science ideas, real-world examples, and extra hands-on lab activities. Most of your grade will come from being able to use evidence to explain what happened, working well in groups, and completing science projects on your own. Homework may include studying for quizzes and tests, finishing lab reports, answering thinking questions, and completing extra projects.

Reading Language Arts - 7th

This course will focus on building skills in vocabulary, reading and understanding different types of texts, writing for different purposes, listening and speaking, and research. Each year, students work with more challenging skills and texts as they grow as readers and writers.

Reading Language Arts - 7th Honors

This course is designed for students who are ready for a faster-paced and more challenging Reading Language Arts experience. Students will strengthen skills in reading comprehension, vocabulary development, and writing while analyzing a variety of increasingly complex texts across multiple genres. Students will write for different purposes and audiences, participate in academic discussions, and practice strong speaking and listening skills.

Reading Language Arts - 8th

RLA classes focus on developing vocabulary, reading and understanding different genres, writing for a variety of purposes, speaking and listening skills, and the research process. Each year, students build on these skills with greater depth and challenge, while reading and analyzing more complex texts.

Reading Language Arts - 8th Honors

This course challenges eighth-grade students to strengthen their critical thinking, reading, and writing skills. Students will engage with higher-level texts, analyze ideas deeply, and respond to complex questions using strong evidence from the text. Through thoughtful discussion and collaboration with peers, students will learn to evaluate information, synthesize ideas, and communicate their thinking clearly. The course emphasizes writing with depth and clarity while preparing students for the academic expectations of high school.

MS Math Department

Math - 6th

Sixth Grade Math builds a strong foundation in problem-solving and critical thinking through the standards outlined in the Texas Essential Knowledge and Skills (TEKS). Students develop fluency with fractions, decimals, and integers while exploring ratios, percentages, algebraic expressions, equations, geometry, and data analysis. Emphasis is placed on real-world applications, mathematical reasoning, and preparing students for success in advanced middle school mathematics courses.

Math - 6th Honors

Sixth Grade Honors Math is an accelerated course designed for students who demonstrate strong mathematical skills and a readiness for advanced challenges. Students explore concepts such as ratios, integers, algebraic expressions, equations, geometry, and data analysis in greater depth, with an emphasis on critical thinking and multi-step problem solving.

Math - 7th

Seventh Grade math builds on prior learning and strengthens students' problem-solving and analytical skills. Students deepen their understanding of proportional relationships, operations with rational numbers, expressions and equations, geometry, and probability and statistics. Emphasis is placed on real-world applications, mathematical reasoning, and preparing students for success in eighth grade mathematics and Algebra I.

Math - 7th Honors

Seventh Grade Honors Math in Texas is an accelerated course that provides greater depth, rigor, and complexity in mathematical study. Students explore proportional relationships, operations with rational numbers, algebraic expressions and equations, geometry, and probability with an emphasis on advanced problem-solving and mathematical reasoning. This course prepares students for high school credit coursework, including Algebra I.

Math - 8th

Eighth Grade Math prepares students for the transition to high school mathematics. Students develop a deeper understanding of linear relationships, functions, systems of equations, transformational geometry, and data analysis. Emphasis is placed on critical thinking, real-world problem solving, and readiness for Algebra I.

Math - 8th Algebra I Honors (HS Credit)

Eighth Grade Algebra I is a high school credit course aligned with the Texas Essential Knowledge and Skills (TEKS) that introduces students to the foundations of advanced mathematics. Students study linear equations and inequalities, functions, systems of equations, polynomials, and quadratic relationships while developing strong analytical and problem-solving skills. Emphasis is placed on mathematical reasoning, real-world applications, and preparation for higher-level high school math courses.

MS Science Department

Science - 6th

Prerequisite: None

This course focuses on physical science. Students will learn science ideas that connect to math and technology, such as change, patterns, cycles, systems, models, and scale. The class is taught using themes that help connect topics together. Students will build a strong understanding of science and the natural world by learning how scientists work. This includes asking questions, doing investigations, using evidence, and explaining results based on what they discover.

Science - 6th Honors

This course is designed for 6th grade students who are ready for a more rigorous and in-depth science experience. Students engage with advanced scientific concepts through real-world applications and expanded hands-on laboratory investigations. Emphasis is placed on analyzing evidence, explaining scientific reasoning, collaborating effectively, and completing independent research-based projects.

Science - 7th

This course focuses on life on Earth. Students will learn how living things depend on each other and how they are connected to the world around them, including the air, water, land, and chemicals in the environment. The class is taught through connected themes that help students understand how science topics relate to one another. Students will also learn how scientists work by asking questions, doing investigations, using evidence, and creating explanations based on what they discover.

Science - 7th Honors

The sequence of the course follows a coordinated thematic approach. To develop a rich knowledge of science and the natural world, students must become familiar with different modes of scientific inquiry, rules of evidence, ways of formulating questions, ways of proposing explanations, and the diverse ways scientists study the natural world and propose explanations based on evidence derived from their work.

Science - 8th

This course is organized around connected themes that help students see how science concepts relate to one another. Students will build a strong understanding of science by learning how scientists investigate the natural world. This includes asking meaningful questions, using evidence, conducting investigations, and developing explanations based on scientific data.

Science - 8th Honors

Prerequisite: Science Honors 7th

This course is created for high-achieving students who are ready for a faster-paced and more challenging science class. The curriculum is taught through connected themes and includes advanced topics, deeper explanations, and extra lab activities. Students will move through the basic science skills and objectives quickly so they can study concepts in more depth and build a strong foundation for high school science courses. Most grades are based on students' ability to use evidence to make conclusions, work well in groups, and complete science projects independently. Homework may include studying for quizzes and tests, writing lab reports, and answering analysis questions.

MS Social Studies Department

Social Studies 6th

This course introduces students to world geography and world cultures, with a focus on how people, places, and societies are connected. Students will study regions of the world by exploring physical geography, human geography, history, economics, government, and culture.

Social Studies - 6th Honors

This 6th Grade Honors Social Studies course offers an accelerated and in-depth exploration of world geography and global cultures. Students examine how geography, history, economics, government, and cultural practices shape societies and influence connections between people and places around the world. Emphasis is placed on critical thinking, analysis of global issues, and understanding the diverse perspectives that shape our world.

Social Studies - 7th

In 7th grade, students study the history of Texas from its earliest beginnings to modern times. The course covers major eras such as Natural Texas and its early peoples, European contact, Spanish and Mexican rule, the Texas Revolution and Republic, early statehood, the Civil War and Reconstruction, cotton, cattle, and railroads, the oil boom, the Great Depression and World War II, the Civil Rights era, and contemporary Texas. In each era, students focus on important people, events, and issues and how they shaped Texas. The course also emphasizes key themes such as citizenship, economics, technology, and government and political systems.

Social Studies - 7th Honors

In 7th Grade Honors Texas History, students engage in a rigorous and accelerated study of Texas history from its earliest beginnings to modern times. Students analyze the impact of significant individuals, events, and issues that shaped Texas while developing a deeper understanding of key themes such as citizenship, economics, technology, and government and political systems. Emphasis is placed on critical thinking, primary source analysis, and making connections between historical events and modern Texas.

Social Studies - 8th

Eighth Grade Social Studies provides a comprehensive study of United States history, government, geography, and economics. Students explore important events, movements, and ideas while developing skills in critical thinking and analysis. The course emphasizes understanding connections between past and present and examining multiple perspectives on historical and contemporary issues.

Social Studies - 8th Honors

Eighth Grade Honors Social Studies is an accelerated course that offers an in-depth study of United States history, government, geography, and economics. Students analyze significant events, ideas, and movements while exploring multiple perspectives and developing critical thinking skills. This course emphasizes advanced research, discussion, and analysis to prepare students for high school social studies coursework.

MS Languages Other Than English Department

Spanish I - 7th (HS Credit)

Prerequisite: None

Spanish I introduces students to the basic vocabulary, grammar and structure of the Spanish language. Through audio, oral and written practice, students will develop skills in speaking, reading and writing the language. Students will develop skills from the most basic vocabulary to affirmative commands and conjugation of present tense verbs, including irregular verbs. Students will be introduced to the Hispanic world and culture through a variety of means including art, food, music and drama. Emphasis is placed on using Spanish in a holistic manner of speaking, reading, writing and listening to create connections and comparisons beyond the student's current paradigm.

Spanish II - 8th (HS Credit)

Prerequisite: Spanish I

This course builds on the skills acquired in Spanish I. Basic structure and vocabulary from the first level will be reviewed. Students will continue to develop skills in speaking, listening, reading and writing as their knowledge of the language increases. Linguistic practice is conducted in a cultural context.

MS Physical Education Department

Physical Education

Grade Placement: 6th, 7th, 8th

Physical Education classes are designed to help students practice and enhance skills in various activities that contribute to lifelong fitness. Throughout the school year, students will set and monitor personal fitness goals aimed at developing a personalized fitness plan. Regular fitness assessments will be conducted, focusing on key areas such as cardiovascular endurance, flexibility, muscular strength, and muscular endurance. These assessments will establish a baseline that will guide students in setting achievable fitness goals. Students will also explore a variety of fitness activities aimed at improving all aspects of fitness. In addition, class time will involve large group games that promote teamwork, decision-making, and collaboration, reinforcing the importance of working together to achieve common goals.

MS Fine Arts Department

Art

Grade Placement: 6th, 7th, 8th

Prerequisite: None

This course encourages students to think creatively and solve problems while learning to observe the world, express ideas and emotions through art. Students use the elements of art and principles of design to create original pieces in a variety of media, exploring both traditional and contemporary styles.

Theatre Company (Students must audition for this course)

Grade Placement: 6th, 7th, 8th

This advanced middle school theatre class is designed for students who are ready to deepen their understanding of performance and production, both on stage and behind the scenes. Students will refine their acting techniques, character development, movement, vocal projection, and collaborative skills.

Dance

Grade Placement: 6th, 7th, 8th

Prerequisite: None

In this advanced middle school choir, students will refine their vocal technique, breath support, pitch accuracy, and rhythmic precision while strengthening their music-reading and part-singing skills. Emphasis will be placed on vocal independence, blend, balance, and expressive performance.

MS Dance Company (Students must audition for this course)

Grade Placement: 6th, 7th, 8th

This advanced dance class helps middle school students grow as dancers in ballet, modern, and jazz. Students will learn stronger technique and practice more difficult combinations in the center and across the floor.

Choir

Grade Placement: 6th, 7th, 8th

In this course, students will learn basic concepts such as vocal technique, breath control, pitch, and rhythm while developing skills in reading music and singing in harmony. Students will have the opportunity to perform a variety of musical styles in both individual and group settings.

Advanced Choir (Students must audition for this course)

Grade Placement: 6th, 7th, 8th

In this advanced middle school choir, students will refine their vocal technique, breath support, pitch accuracy, and rhythmic precision while strengthening their music-reading and part-singing skills. Emphasis will be placed on vocal independence, blend, balance, and expressive performance.

MS Career and Technical Education Department

Trinity Basin Preparatory's Career and Technical Education Department empowers students through innovative experiences that integrate theoretical knowledge with practical application. By fostering technical expertise and professional skills, we prepare students for a successful transition to their chosen careers or postsecondary education.

Principles of A/V

Grade Placement: 8th **(HS Credit)**

The goal of this course is that the student understands arts, audio/video technology, and communications systems. Students will develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements.

High School Coursework List

English Department

English I or English I Honors
English II or English II Honors
Eng III or Dual Credit English Composition
Eng IV or Dual Credit British Literature
Creative Writing

Math Department

Algebra I
Geometry or Geometry Honors
Algebra II
Precalculus or Dual Credit College Algebra & Statistics

Science Department

Biology or Biology Honors
Chemistry or Chemistry Honors
Physics
Anatomy & Physiology

Social Studies Department

World Geography or World Geography Honors
World History or World History Honors
US History or Dual Credit US History
Economics & Government or Dual Credit Economics & Government
Dual Credit Psychology
Dual Credit Sociology

Foreign Language Department

Spanish I
Spanish II
Spanish III
Spanish IV

Fine Arts Department

Art I-IV

Dual Credit Art Appreciation

Varsity Musical Theatre (Audition-based)

Principles of Dance I-IV

Varsity Dance Company (Audition-based)

Choir I-IV

Advanced Vocal Ensemble (Audition-based)

Physical Education Department

Foundations of Personal Fitness

Strength and Conditioning

CTE Department

Graphic Design Pathway 1:

Principles of Arts, AV, & Communications

Graphic Design and Illustration I

Graphic Design and Illustration II

Practicum in Graphic Design and Illustration

Graphic Design Pathway 2:

Principles of Arts, AV, & Communications

Animation I

Digital Arts and Animation

Practicum in Graphic Design and Illustration

Health Science Pathway:

Principles of Health Science

Medical Terminology

Anatomy & Physiology

Pharmacology or Practicum in Health Science

High School Course Descriptions

HS English Department

English I

Grade Placement: 9

Prerequisite: None

Credit: 1

This course emphasizes the fundamental language skills of reading, writing, speaking, listening, thinking, viewing and presenting. 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 story, poetry, novel, drama, and non-fiction. The development of critical reading and writing skills is a major emphasis of the course.

English I - Honors

Grade Placement: 9

Prerequisite: None

Credit: 1

English I includes an advanced study of the elements of literature through a variety of texts and genres. Students work toward in-depth literary analysis through critical thinking skills. Study of voice, style, diction, syntax, and tone help to prepare students for the PSAT, and later, dual credit courses. Class requirements include: summer reading/reports, extensive reading and writing, and a major research paper.

English II

Grade Placement: 10

Prerequisite: English I

Credit: 1

Students will learn new strategies for writing with precision, economy, and grace. Students will advance their skills in writing multi-paragraph compositions and essays, their skills in grammar, and their skills in vocabulary. Emphasis will be placed on the recursive nature of the writing process as students will be expected to turn in multiple drafts of a paragraph or composition, learn how to peer review a draft, and learn how to revise a paper. Students will be required to write an academic research paper and will develop their skills in media viewing as well as in oral communication.

English II - Honors

Grade Placement: 10

Prerequisite: English I

Credit: 1

English II includes advanced mechanics, syntax, usage, and vocabulary in preparation for the Accuplacer exam in preparation for dual credit courses junior year. Students continue work on critical thinking skills and advanced literary analysis. Class requirements include: summer reading/reports, extensive reading and writing, college testing preparation vocabulary program, and a major research paper.

English III

Grade Placement: 11

Prerequisite: English II

Credit: 1

English III consists of advanced language usage, written compositions, preparation for college entrance examinations through vocabulary development and test-taking techniques, a survey of American literature, and advanced research skills applicable to a documented paper on an appropriate topic.

Dual Credit Composition I & II (ENG III) 6 college credit hours

Grade Placement: 11

Prerequisite: English II, TSIA2 Reading score of 945 or higher

HS Credit: 1

College Credit: 6 hours

Intensive study of and practice in writing processes, from invention and researching to drafting, revising, and editing, both individually and collaboratively. Emphasis on effective rhetorical choices, including audience, purpose, arrangement, and style. Focus on writing the academic essay as a vehicle for learning, communicating, and critical analysis.

English IV

Grade Placement: 12

Prerequisite: English III

Credit: 1

English IV includes extensive composition and language practice, a study of the origins and growth of the English language through a survey of British literature, the reading of other works by world masters from all periods, and advanced research practice.

Dual Credit British Literature I & II (ENG IV) 6 college credit hours

Grade Placement: 12

Prerequisite: Dual Credit Composition I & II

HS Credit: 1

College Credit: 6 hours

A survey of the development of British literature from the Anglo-Saxon period to the Eighteenth Century. Students will study works of prose, poetry, drama, and fiction in relation to their historical, linguistic, and cultural contexts. Texts will be selected from a diverse group of authors and traditions.

Dual Credit Speech (must be paired with Dual Credit Art Appreciation)

Grade Placement: 10-12

Prerequisite: TSIA taken

HS Credit: 0.5

College Credit: 3 hours

Application of communication theory and practice to the public speaking context, with emphasis on audience analysis, speaker delivery, ethics of communication, cultural diversity, and speech organizational techniques to develop students' speaking abilities, as well as ability to effectively evaluate oral presentations.

Creative Writing

Grade Placement: 9-12

Prerequisite: None

HS Credit: 1

Creative Writing, a rigorous composition course, asks high school students to demonstrate their skill in such forms of writing as fictional writing, short stories, poetry, and drama. All students are expected to demonstrate an understanding of the recursive nature of the writing process, effectively applying the conventions of usage and the mechanics of written English. The students' evaluation of their own writing as well as the writing of others ensures that students completing this course are able to analyze and discuss published and unpublished pieces of writing, develop peer and self-assessments for effective writing, and set their own goals as writers.

HS Math Department**Algebra 1**

Grade Placement: 9

Prerequisite: None

Credit: 1

This course provides students with foundational algebraic skills. Algebra 1 provides students with an opportunity to develop skills in algebraic problem solving and, most importantly, the mathematical organizational skills including written, technological, and verbal skills which are needed to be successful in high school level coursework.

Geometry

Grade Placement: 10

Prerequisite: Algebra I

Credit: 1

This course teaches students how to better problem solve at an advanced level, to develop enhanced spatial reasoning, to communicate mathematically, to address problems logically, to write formal proofs, and to study geometric concepts and shapes.

Geometry - Honors

Grade Placement: 9-10

Prerequisite: Algebra I

Credit: 1

This course teaches students how to better problem solve at an advanced level, to develop enhanced spatial reasoning, to communicate mathematically, to address problems logically, to write formal proofs, and to study geometric concepts and shapes.

Algebra II

Grade Placement: 10-11

Prerequisite: Geometry

Credit: 1

This course provides students an opportunity to study a wide variety of algebraic concepts needed for success in higher-level math courses. This course covers a vast array of algebraic concepts incorporating technological, graphical, and algebraic solutions to higher-level mathematical problem situations. This

foundational course provides students with the mathematical skills needed to achieve success in entry-level collegiate courses or in more advanced mathematical study at TBP.

Pre Calculus

Grade Placement: 11-12

Prerequisite: Algebra II

Credit: 1

This course provides students with an advanced approach to mathematical problem solving and has two main objectives: to prepare students for success in Calculus and to provide a detailed study in advanced trigonometric concepts.

Dual Credit College Algebra (must be paired with Dual Credit College Statistics)

Grade Placement: 11-12

Prerequisite: Algebra II, TSIA2 Math score of 950 or higher

HS Credit: 0.5

College Credit: 3 hours

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

Dual Credit College Statistics (must be paired with Dual Credit College Algebra)

Grade Placement: 12

Prerequisite: Algebra II, TSIA2 Math score of 950 or higher

HS Credit: .5

College Credit: 3 hours

Collection, analysis, presentation and interpretation of data, and probability. Analysis includes descriptive statistics, correlation and regression, confidence intervals and hypothesis testing. Use of appropriate technology is recommended.

HS Science Department

Biology or Biology Honors

Grade Placement: 9

Prerequisite: None

Credit: 1

Biology is the natural science of life and living organisms. A large variety of topics, including ecology, cell biology, genetics, zoology, microbiology, natural selection, taxonomy, and human biology are investigated in this class. Students will conduct laboratory investigations using safe, environmentally appropriate, and ethical practices for 40% of instructional time. The focus of this course is dictated by the most current TEKS (Texas Essential Knowledge and Skills), presenting content and learning requirements whose utmost goal is student improvement and achievement.

Chemistry or Chemistry Honors

Grade Placement: 10

Prerequisite: Algebra I

Credit: 1

The concepts studied in this class will include: the characteristics of matter and the periodic table of the elements, atomic theory development, nuclear chemistry, chemical reactions and energy changes, as well as the behavior of gases and solutions. Critical thinking and conducting laboratory investigations as well as using scientific methods, scientific reasoning and problem solving skills will accomplish mastery of this material.

Physics

Grade Placement: 11

Prerequisite: Algebra I & Geometry

Credit: 1

In Physics, students will develop a conceptual understanding of the physical world by employing critical thinking, scientific reasoning and problem solving skills. This will be accomplished through laboratory investigations which involve the use of physical equipment and simulated environments to obtain and analyze data. The concepts studied will include: the forces and laws of motion, electromagnetism, the laws of conservation of energy and momentum, characteristics and behaviors of waves, as well as atomic, nuclear and quantum physics.

Anatomy and Physiology

Grade Placement: 11-12

Prerequisite: Physics

Credit: 1

In Anatomy and Physiology, students 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 study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

HS Social Studies Department**World Geography or World Geography Honors**

Grade Placement: 9-10

Prerequisite: None

Credit: 1

This course examines people, places, and environments at local, regional, national, and international levels. Students will study the influence of geography on events of the past and present; the characteristics of major landforms, climates, and ecosystems; and the political, economic, and social processes that shape cultural patterns of regions.

World History or World History Honors

Grade Placement: 10

Prerequisite: World Geography

Credit: 1

World History aims both to discover general knowledge about the development and diffusion of civilization and to foster an appreciation that such knowledge is vitally important to understanding our modern era. This course aims to develop students' historical understanding, broaden their perspective on world affairs and sharpen their critical thinking skills.

US History

Grade Placement: 11

Prerequisite: World History, World Geography

Credit: 1

This course presents a cohesive and comprehensive overview of the history of the United States, surveying the major events and turning points of U.S. history as it moves from the Era of Exploration through modern times. As students examine each era of history, they will analyze primary sources and carefully research events to gain a clearer understanding of the factors that have shaped U.S. history.

Dual Credit United States History A & B

Grade Placement: 11

Prerequisite: World History, TSIA2 Reading score of 945 or higher

HS Credit: 1

College Credit: 6 hours

A survey of the social, political, economic, cultural, and intellectual history of the United States from the pre-Columbian era to the Civil War/Reconstruction period. United States History I includes the study of pre-Columbian, colonial, revolutionary, early national, slavery and sectionalism, and the Civil War/Reconstruction eras. Themes that may be addressed in United States History I include: American settlement and diversity, American culture, religion, civil and human rights, technological change, economic change, immigration and migration, and creation of the federal government.

United States Government

Grade Placement: 12

Prerequisite: US History

Credit: 0.5

High School level US Government is a general overview of federal, state and local government characteristics with an emphasis on civic responsibility and democratic ideals. Focus will be placed on the United States' founding principles and beliefs. Students will study and analyze the structure, functions and powers of government; compare our government with other political systems, analyze the impact of individuals, political parties, interest groups and media on the American political system and analyze the rights guaranteed by the U.S. Constitution. Students examine the relationship between governmental policies and culture. Students analyze primary and secondary sources such as the complete text of the U.S. Constitution, landmark cases of the U.S. Supreme Court, speeches and periodicals that feature analyses of political issues and events.

Economics

Grade Placement: 12

Prerequisite: US History

Credit: 0.5

High School level Economics focus is on the basic principles concerning production, consumption, and distribution of goods and services in the United States and a comparison with those in other countries around the world. Students examine the rights and responsibilities of consumers and businesses. Students analyze the interaction of supply, demand, and price and study the role of financial institutions

in a free enterprise system. The impact of a variety of factors including geography, the federal government, economic ideas from important philosophers and historic documents, societal values, and scientific discoveries and technological innovations on the national economy and economic policy is an integral part of the course.

Dual Credit Government (must be paired with Dual Credit Economics)

Grade Placement: 12

Prerequisite: US History, TSIA2 Reading score of 945 or higher

HS Credit: 0.5

College Credit: 3 hours

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

Dual Credit Economics (must be paired with Dual Credit Government)

Grade Placement: 12

Prerequisite: US History, TSIA2 score of 945 or higher

HS Credit: 0.5

College Credit: 3 hours

An analysis of the economy as a whole including measurement and determination of Aggregate Demand and Aggregate Supply, national income, inflation, and unemployment. Other topics include international trade, economic growth, business cycles, and fiscal policy and monetary policy. Emphasis on the U.S. economy.

Dual Credit Sociology (must be paired with Dual Credit Psychology)

Grade Placement: 10-12

Prerequisite: none

HS Credit: 0.5

College Credit: 3 hours

The scientific study of human society, including ways in which groups, social institutions, and individuals affect each other. Causes of social stability and social change are explored through the application of various theoretical perspectives, key concepts, and related research methods of sociology. Analysis of social issues in their institutional context may include topics such as social stratification, gender, race/ethnicity, and deviance.

Dual Credit Psychology (must be paired with Dual Credit Sociology)

Grade Placement: 10-12

Prerequisite: TSIA taken

HS Credit: 0.5

College Credit: 3 hours

A study of the 1) research and theory in the psychology of learning, cognition, and motivation; 2) factors that impact learning; and 3) application of learning strategies. Theoretical models of strategic learning, cognition, and motivation serve as the conceptual basis for the introduction of college-level student academic strategies. Students use assessment instruments (e.g., learning inventories) to help them identify their own strengths and weaknesses as strategic learners.

HS Languages Other Than English Department

Spanish I

Grade Placement: 9

Prerequisite: None

Credit: 1

Spanish I introduces students to the basic vocabulary, grammar and structure of the Spanish language. Through audio, oral and written practice, students will develop skills in speaking, reading and writing the language. Students will develop skills from the most basic vocabulary to affirmative commands and conjugation of present tense verbs, including irregular verbs. Students will be introduced to the Hispanic world and culture through a variety of means including art, food, music and drama. Emphasis is placed on using Spanish in a holistic manner of speaking, reading, writing and listening to create connections and comparisons beyond the student's current paradigm.

Spanish II

Grade Placement: 10

Prerequisite: Spanish I

Credit: 1

This course builds on the skills acquired in Spanish I. Basic structure and vocabulary from the first level will be reviewed. Students will continue to develop skills in speaking, listening, reading and writing as their knowledge of the language increases. Linguistic practice is conducted in a cultural context.

Spanish III

Grade Placement: 11

Prerequisites: Spanish II

Credit: 1

This course builds on the skills acquired in Spanish I and II. Structure and vocabulary from the first courses will be reviewed. Students will develop more advanced skills in speaking, listening, reading and writing through use of the language in the classroom. Communicative skills are emphasized. This is a rigorous course that advances at a much faster pace than Spanish II and requires more time outside of the class to prepare projects, reading, quizzes and homework.

Spanish IV

Grade Placement: 12

Prerequisite: Spanish III

Credit: 1

This course builds on the skills acquired in Spanish I, II and III. Structure and vocabulary from earlier Spanish courses will be reviewed. Students will continue to develop more advanced skills in speaking, listening, reading and writing. Spanish is spoken extensively in the classroom and emphasis is placed on writing. Students are exposed to a broader spectrum of Spanish language and culture.

HS Fine Arts Department

Art I-IV

Grade Placement: 9-12

Prerequisite: None

Credit: 1

This course emphasizes skills development and development of the creative thought process. Students will be introduced to art history through discussion and exposure to visuals that relate to the studio projects they are working on. A variety of materials will be used. Some techniques, ideas and materials that may be included are: color theory, rendering, perspective drawing, design, composition, watercolor and acrylic painting, calligraphy, ceramic clay and basic printmaking. All students will maintain a sketchbook and a portfolio of completed projects to monitor progress.

Dual Credit Art Appreciation (must be paired with Dual Credit Speech)

Grade Placement: 10-12

Prerequisite: none

HS Credit: 0.5

College Credit: 3 hours

A general introduction to the visual arts designed to create an appreciation of the vocabulary, media, techniques, and purposes of the creative process. Students will critically interpret and evaluate works of art within formal, cultural, and historical contexts.

Varsity Musical Theatre

Prerequisite: Musical Theatre, Audition

Credit: 1

This course is an advanced, audition-based course designed for students who have demonstrated exceptional talent and dedication in musical theatre. Building on the foundations of acting, vocal performance, and dance introduced in Musical Theatre, this course challenges students with more rigorous training, complex choreography, and in-depth character development. Students will refine their performance skills through intensive rehearsals, solo and ensemble work, and live productions. In addition to honing their craft, students will explore the professional aspects of musical theatre, including audition techniques, industry expectations, and career pathways.

Dance I-IV

Grade Placement: 9-12

Prerequisite: None

Credit: 1

This course is an introduction to and appreciation of ballet, modern, tap, and jazz dance techniques, vocabulary and history. Students will use fundamental movements from dance technique to stretch, strengthen the body, and put movement sequences together. No previous dance experience is required. This course can fulfill the physical education requirement for graduation.

Varsity Dance Company

Grade Placement: 10-12

Prerequisite: Dance, Audition

Credit: 1

This course continues an in-depth study of ballet, modern, and jazz dance techniques at the Advanced level. This course continues instruction in history, vocabulary, and anatomy. It also pursues the mastery of complex progressions and center floor combinations. Emphasis is placed on performance and musicality, technique, virtuosity, and creativity. A deeper study in choreography and improvisation is explored.

Choir I-IV

Grade Placement: 9-12

Prerequisite: None

Credit: 1

In this course, students will learn basic concepts such as vocal technique, breath control, pitch, and rhythm while developing skills in reading music and singing in harmony. Students will have the opportunity to perform a variety of musical styles in both individual and group settings.

High School Advanced Choir

Grade Placement: 10-12

Prerequisite: Audition

Credit: 1

High School Advanced Choir is an auditioned-based mixed chorus designed for a select group of outstanding students who demonstrate a high level of mastery of choral music and wish to continue at an accelerated rate. Emphasis is placed on vocal production, interpretation, and performance. Music of a wide variety of styles, cultures and time periods will be studied and performed, ranging from essentials of the traditional choral canon to popular contemporary pop a cappella favorites. There will be a number of performances in and outside of the school for this ensemble along with opportunities for travel. Attendance is required at all performances and events. Singers in this ensemble partake in regional and state contests throughout the school year, including TMEA, ensemble and choral competitions, as well as participating in on- and off-campus performances.

HS Physical Education Department**High School Physical Education**

Grade Placement: 9

Prerequisite: None

Credit: 1

Physical Education classes are designed to help students practice and enhance skills in various activities that contribute to lifelong fitness. Throughout the school year, students will set and monitor personal fitness goals aimed at developing a personalized fitness plan. Regular fitness assessments will be conducted, focusing on key areas such as cardiovascular endurance, flexibility, muscular strength, and muscular endurance. These assessments will establish a baseline that will guide students in setting achievable fitness goals. Students will also explore a variety of fitness activities aimed at improving all aspects of fitness. In addition, class time will involve large group games that promote teamwork and collaboration, reinforcing the importance of working together to achieve common goals.

Strength and Conditioning

Grade Placement: 9-12

Prerequisite: None

Credit: 1

The Strength & Conditioning course is designed to provide high school students with a comprehensive understanding of fundamental fitness principles and practical training techniques. Through a structured curriculum, students will learn proper exercise techniques, develop essential fitness skills, and utilize technology to track progress and optimize performance. Emphasis will be placed on safety, proper form, and the importance of teamwork in achieving fitness goals.

High School Career and Technical Education Department

Trinity Basin Preparatory's Career and Technical Education Department empowers students through innovative experiences that integrate theoretical knowledge with practical application. By fostering technical expertise and professional skills, we prepare students for a successful transition to their chosen careers or postsecondary education.

Arts, Audio Visual Technology, and Communication Career Cluster

The Arts, Audio Visual Technology, and Communication (AAVTC) career cluster focuses on designing, producing, exhibiting, performing, writing, and publishing multimedia content requiring creative aptitude, fluency in computer and technology applications, and proficiency in oral and written communication. This career cluster includes occupations ranging from camera operator, audio and video technician, director, and producer to graphic designer and web and digital interface designer.

Graphic Design and Interactive Media Program of Study

The Graphic Design and Interactive Media program of study focuses on occupational and educational opportunities associated with designing or creating graphics to meet specific commercial or promotional needs, such as packaging, displays, or logos. The program of study includes designing clothing and accessories and creating special effects, animation, or other visual images using film, video, computers, or other electronic tools and media for use in computer games, movies, music videos, and commercials.

Principles of Arts, AV, & Communications

Grade Placement: 8-9

Prerequisite: None

Level: 1

Credit: 1

The goal of this course is that the student understands arts, audio/video technology, and communications systems. Within this context, students will be expected to develop an understanding of the various and multifaceted career opportunities in this cluster and the knowledge, skills, and educational requirements for those opportunities.

Graphic Design and Illustration I

Grade Placement: 9-10

Prerequisite: Principles of Arts, AV, & Communications

Level: 2

Credit: 1

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 and Illustration II

Grade Placement: 10-11

Prerequisite: Graphic Design and Illustration I

Level: 3

Credit: 1

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.

Practicum in Graphic Design and Illustration

Grade Placement: 11-12

Prerequisite: Graphic Design and Illustration II, passing the Adobe IBC

Level: 4

Credit: 2-3

Careers in graphic design and illustration span all aspects of the advertising and visual communications industry. A student may repeat this course once for credit provided that the student is experiencing different aspects of the industry and demonstrating proficiency in additional and more advanced knowledge and skills. Within this context, in addition to developing technical knowledge and skills needed for success in the Arts, Audio/Video Technology, and Communications Career Cluster, students will be expected to develop a technical understanding of the industry with a focus on skill proficiency. Instruction may be delivered through lab-based classroom experiences or career preparation opportunities.

Health Science Career Cluster

The Health Science Career Cluster focuses on planning, managing, and providing therapeutic services, diagnostics services, health informatics, support services, and biotechnology research and development. To pursue a career in the health science industry, students should learn to reason, think critically, make decisions, solve problems, communicate effectively, and work well with others.

Nursing Program of Study

The Nursing Program of Study introduces students to knowledge and skills related to patient care. CTE concentrators may learn about or practice caring for patients, routine procedures such as monitoring vital signs, development and implementation of care plans, maintenance of medical records, and disease or pain management. Students may focus on the healthcare system and research system designs and make recommended modifications.

Principles of Health Science

Grade Placement: 9

Prerequisite: None

Level: 1

Credit: 1

The TEA Principles of Health Science is a 1-credit CTE course designed for Grades 9-10, offering an overview of therapeutic, diagnostic, health informatics, support services, and biotechnology research systems. Students explore healthcare careers, medical terminology, anatomy/physiology, legal/ethical responsibilities, and safety.

Medical Terminology

Grade Placement: 10

Prerequisite: Principles of Health Science

Level: 2

Credit: 1

The Medical Terminology course introduces students to the structure of medical language, including roots, prefixes, suffixes, abbreviations, and symbols. It focuses on mastering vocabulary related to human anatomy, physiology, and pathology across all 11 body systems.

Anatomy & Physiology

Grade Placement: 11-12

Prerequisite: Medical Terminology

Level: 3

Credit: 1

In Anatomy and Physiology, students 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 study a variety of topics, including the structure and function of the human body and the interaction of body systems for maintaining homeostasis.

Practicum in Health Science

Grade Placement: 12

Prerequisite: Web Development, passing the Web Development IBC

Level: 4

Credit: 2

The Practicum in Health Science is a capstone,, work-based learning course (paid or unpaid) that provides practical application of previously studied health knowledge and skills. Typically, 2 credits, it allows 12th grade students to work in healthcare settings, demonstrating professional, ethical, and clinical skills while, optionally, preparing for certifications like CCMA or EKG.

Pharmacology

Grade Placement: 12

Prerequisite: One credit in biology, one credit in chemistry, and at least one credit in a Level 2 or higher course from the Health Science career cluster

Level: 4

Credit: 1

The Pharmacology course is a program designed to study how natural and synthetic chemical agents affect biological systems. It provides foundational knowledge on drug properties, therapeutic agents, pharmacokinetics, and pharmacodynamics. The course is crucial for preparing students for health careers, covering medication classifications and safe administration.