



# Dual Credit Supplement

## 2024-2025



The Abilene ISD Dual Credit Supplement is a companion to the College and Career Planning Guide. It provides information about dual credit course offerings from six higher education entities and is for informational purposes only. The District makes every effort to ensure that this supplement contains complete and accurate information at the time of publication. However, circumstances may arise that require the District to change or correct existing policies, rules, or course and program information.

The most current version of the AISD Dual Credit Supplement will always be posted to the Dual Credit webpage on the District's website at <https://www.abileneisd.org/departments/career-and-technical-education/dual-credit-supplement/>. All changes made to the Dual Credit Supplement after this publication will be listed on an errata page.

# NOTES

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## General Information

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Abilene ISD students have dual credit opportunities at six colleges and universities (Abilene Christian University, Angelo State University, Cisco College, Hardin-Simmons University, McMurry University, and Texas State Technical College-West Texas). AISD may negotiate agreements with additional colleges for dual credit. Additional dual credit courses may be added at any time. Students must meet eligibility criteria for each course.

When choosing dual credit courses, students are advised to investigate the transferability of course credits to the institution(s) of higher learning they may wish to attend in the future. The Texas Common Course Numbering System at [tccns.org](http://tccns.org) allows students to investigate which courses are accepted as equivalents across multiple state colleges and universities.

Students may earn both high school and college credit at the same time when enrolled in a dual credit course. Credit is posted to the student's high school transcript and college transcript upon successful completion of the course. The student is taught and graded in the same way as college students who take the same course. **Only grades earned in dual credit courses matched to the Abilene ISD Advanced Placement curriculum are included in GPA calculations.**

Dual enrollment classes are taught by one of the following teaching arrangements:

- The course may be taught on the college campus by a college instructor.
- The course may be taught remotely or in a blended learning (both online and in-person) format by a college instructor.
- The course may be fully online through the college.
- The course may be taught on a high school campus by a college instructor.
- The course may be taught on a high school campus by a high school teacher.

Policies regarding college tuition, fees, and required instructional supplies are set by the college or university. Students must meet specific college and Abilene ISD criteria before being accepted for enrollment in a dual credit course. Students should check with individual institutions of higher learning for admission requirements and details for awarding credit. Please note that students may be responsible for the cost of tuition and books. Interested students should check with their counselor for information and requirements for enrollment.

Students should meet with their high school counselor to plan for their desired dual credit courses for the 2024-2025 school year. **Students MUST complete all registration paperwork (including online application requirements) to be enrolled in the dual credit courses.** They must also meet enrollment criteria. Payments will not be required at time of registration.

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# Abilene Christian University

## APPLICATION FOR DUAL CREDIT

Please email Jonathan Shelburne, Dual Credit Coordinator, at [jbs14a@acu.edu](mailto:jbs14a@acu.edu) for an application. Students will need the following information for registration:

- Official school transcript
- Proof of meningitis vaccine
- Parent permission letter
- Counselor permission letter
- AISD Dual Credit Parent/ Student Agreement—[return to school counselor](#)

## CONTACT INFORMATION

Contact Jonathan Shelburne, Dual Credit Coordinator, at [jbs14a@acu.edu](mailto:jbs14a@acu.edu) or 325-674-6759 for more information regarding dual credit; Jordan Dale, Associate Director of Admissions at [jms12a@acu.edu](mailto:jms12a@acu.edu) or 325-674-2687; Lyndi K. Felan, Associate Dean for Retention and Student Success, at [lks10a@acu.edu](mailto:lks10a@acu.edu) or 830-591-3909; or Tiffany Corbett, Associate Director of Advising, at [tsc19b@acu.edu](mailto:tsc19b@acu.edu) or 325-674-6755.

## CRITERIA FOR ENROLLMENT AND PROGRAM COSTS

Students must meet specific college and Abilene ISD criteria before being accepted for enrollment in dual credit courses:

- Students must have counselor and parent approval prior to enrollment.
- Admission to dual credit is based on a student's application and ACT or SAT college readiness scores. English/Reading scores of 19-ACT or 470 SAT and Math/Quantitative scores of 20-ACT or 500-SAT are the minimum section score requirements. (If SAT is taken after March 1, 2016, the minimum section score for English/Reading is 500 and 520 for Math/Quantitative.) If a student has not taken the ACT or SAT, or has not met ACU's desired minimum, a high school counselor or administrator can recommend a student for dual enrollment through an online form.
- Students will be limited to 7 credit hours per fall or spring semester with a maximum of 24 credit hours earned for dual credit.
- The rate is \$140 per credit hour (\$420 per 3 hour course per semester). Students will be responsible for books and/or materials for each course taken. Individual course fees may also apply. Students will be responsible for purchasing an ACU Parking Pass at the cost of \$25.

## COURSES OFFERED

All courses at ACU are eligible for dual credit, **subject to approval by AISD** and completion of the appropriate prerequisite for the course. These courses will be taught on the ACU campus during the regular school day. Both high school and college students will attend class together. Spaces in courses are limited and will be filled on a first-come, first-served basis. Students will be notified by May 15 regarding their registration in dual credit classes. Additional classes may be approved pending review of course content.

Abilene ISD Courses	ACU Courses	
	Fall Semester	Spring Semester
<b>A1321:</b> English III (1 credit; two courses required)	<b>ENGL 111:</b> Composition and Rhetoric	<b>ENGL 112:</b> Composition and Researched Writing
<b>A1421:</b> English IV (1 credit; two courses required)	<b>ENGL 232:</b> World Literature II	<b>ENGL 222:</b> Major British Writers II
<b>A5370:</b> Precalculus (1 credit; two courses required)	<b>MATH 109:</b> PreCalculus I	<b>MATH 124:</b> PreCalculus II

Abilene ISD Courses	Single Semester ACU Courses (taken fall or spring as prerequisites and schedules permit)
<b>A5342:</b> Statistics (1 credit)	<b>MATH 123:</b> Elementary Statistics
<b>A5355:</b> Independent Study in Math 1 (1 Credit)	<b>MATH 130:</b> Finite Math
<b>A5358:</b> Independent Study in Math 3-Part 1 (1 credit)	<b>MATH 185:</b> Calculus I
<b>A7391:</b> Sociology	<b>SOCI 111:</b> Introduction to Sociology
<b>A1435:</b> Independent Study in English 1 (.5 credit)	<b>ENGL 263:</b> American Literature After 1900

English III (ENG 3-DC)	
Dual Enrollment – Abilene Christian University	
Course #: A1321	1 high school credit
PEIMS: 03220300	Grades: 11-12
ACU Course: Composition and Rhetoric	
ACU Course #: ENGL 111	3 college semester hours
The theory and practice in reading and writing analytical and persuasive essays.	
ACU Course: Meet one of the following—SAT score of 500 or above; ACT English score of 19 or above; or writing placement into ENGL 111	
ACU Course: Composition and Researched Writing	
ACU Course #: ENGL 112	3 college semester hours
Uses practices of research as the basis for expository, critical, and persuasive research-based essays, including at least one annotated bibliography and accompanying 10-page research paper.	
Prerequisites: ENGL 107 or 111	

English IV (ENG 4-DC)	
Dual Enrollment – Abilene Christian University	
Course #: A1421	1 high school credit
PEIMS: 03220400	Grades: 11-12
ACU Course: World Literature II	
ACU Course #: ENGL 232	3 college semester hours
Survey of world masterpieces after 1700, with attention to the connections between culture and literature.	
Prerequisites: Completion of college freshman English requirements as required by degree plan.	
ACU Course: Major British Writers II	
ACU Course #: ENGL 222	3 college semester hours
British literature from the eighteenth century to present. REcommended for English majors and future teachers.	
Prerequisites: Completion of college freshman English requirements as required by degree plan.	

Independent Study in English (First Time Taken) (IND ENG-DC)	
Dual Enrollment – Abilene Christian University	
Course #: A1435	.5 high school credit
PEIMS: 03221800	Grades: 11-12
ACU Course: American Literature After 1900	
ACU Course #: ENGL 263	3 college semester hours
From the early twentieth century to the present, this course emphasizes the multicultural voices, from a range of genders, ethnicities, and perspectives that constitute American literature.	
Prerequisites: completion of freshman English requirements as required by degree plan	

Sociology (SOC-DC)	
Dual Enrollment – Abilene Christian University	
Course #: A7391	.5 high school credit
PEIMS: 03370100	Grades: 11-12
ACU Course: Introduction to Sociology	
ACU Course #: SOCI 111	3 college semester hours
An introduction to sociology as a social science. Basic concepts and principles of the discipline are employed in fulfilling the influence of culture and social interaction on social behavior.	
Prerequisites: None	

Precalculus (PRECALC-DC)	
Dual Enrollment – Abilene Christian University	
Course #: A5370	1 high school credit
PEIMS: 03101100	Grades: 11-12
ACU Course: Precalculus I	
ACU Course #: MATH 109	3 college semester hours
Properties, graphs, and applications of linear functions, quadratic functions, logarithmic functions, exponential functions.	
Prerequisites: Meet one of the following-Math SAT score of 530; Math ACT score of 20; MATW 019; or math placement into MATH 109.	
ACU Course: Precalculus II	
ACU Course #: MATH 124	3 college semester hours
Rational, trigonometric, exponential, logarithmic, and inverse functions with emphasis on graphical techniques. Further topics may include analytic geometry, polar coordinates, mathematical induction, the binomial theorem, and sequence and series.	
Prerequisites: MATH 109 or MATW 019 or satisfactory score on math placement test.	

Statistics (STATS-DC)	
Dual Enrollment – Abilene Christian University	
Course #:	1 high school credit
A5342	
PEIMS: 03102530	Grades: 11-12
ACU Course: Elementary Statistics	
ACU Course #: MATH 123	3 college semester hours
Collection, presentation, analysis and interpretation of data, and probability. Analysis includes descriptive statistics, confidence intervals, hypothesis testing, correlation and regression.	
Prerequisites: Math SAT score of 530; Math ACT of 20; or placement testing.	

Independent Study in Math 1 (INSTMTH1-DC)	
Dual Enrollment – Abilene Christian University	
Course #: A5355	1 high school credit
PEIMS: 03102500	Grades: 11-12
ACU Course: Finite Math	
ACU Course #: MATH 130	3 college semester hours
Fundamental concepts of mathematics applications for business, economics, and the social and behavioral sciences. Math of finance, sets, introduction to probability, functions and mathematical modeling.	
Prerequisites: Math SAT score of 530; Math ACT of 20; or placement testing.	

Independent Study in Math 3 (INSTMTH3-DC)	
Dual Enrollment – Abilene Christian University	
Course #:	1 high school credit
A5358	
PEIMS: 03102502	Grades: 11-12
ACU Course: Calculus I	
ACU Course #: MATH 185	3 college semester hours
Limits, differentiation and integration of elementary functions, applications to curve sketching, max/min problems, rates, and approximations. Units on exponential and logarithmic functions, the trigonometric functions, and inverse trig functions.	
Prerequisites: MATH 124 or a satisfactory score on COMPASS placement exam	

# Angelo State University

## APPLICATION FOR DUAL CREDIT

Students **NEW** to ASU dual credit courses, must submit an ASU Dual Credit application through ASU's dual credit website at <https://www.angelo.edu/dual-credit/presidential-scholars/> or using the QR code on this page.

**NEW Students** must submit the Off-Site Dual Credit Agreement Form, which will be electronically sent to the parents' email listed when the student applies. Additionally, -

- o AISD will submit official transcripts and test scores for each student applying.
- o Students must complete and return the AISD Dual Credit Student/Parent Agreement Form to the AISD school counselor.

**RETURNING** Students need only to return the AISD Dual Credit Student/Parent Agreement Form to the counselor and visit with their counselor and schedule their classes.

## CRITERIA FOR ENROLLMENT AND PROGRAM COST

Abilene High School Courses	Fall Semester	Spring Semester
Abilene ISD Courses	M-F	M-F
<b>R7401:</b> AP US History (1 credit)	<b>HIST 1301:</b> History of the US to 1865	<b>HIST 1302:</b> History of the US, 1865 to Present
<b>R1301:</b> AP English Language and Composition (1 credit)	<b>ENGL1301:</b> English Composition	<b>ENGL 1302:</b> Writing Across the Curriculum
<b>R1405:</b> AP English Literature and Composition (1 credit)	<b>ENGL 2321:</b> Readings in British Literature	<b>ENGL 2331:</b> Readings in World Literature
<b>R1323:</b> Creative Writing (.5 credit)	<b>ENG 2341:</b> Forms of Literature	
<b>R1391:</b> Literary Genres (.5 credit)		<b>ENGL 2329:</b> Intro to Literary Studies
<b>R6309:</b> AP Environmental Science (1 credit)	<b>BIO 1409:</b> Man and the Environment - (Full Year)	
<b>R5356:</b> Independent Study in Math 2 (1 credit)		<b>MATH 1314:</b> College Algebra
<b>R5342:</b> Statistics (1 credit)	<b>MATH 1342:</b> Elementary Statistics	
<b>R5405:</b> AP Statistics (1 credit)	<b>MATH 1342:</b> Elementary Statistics - (Full Year)	

ATEMS Courses	Fall Semester	Spring Semester
Abilene ISD Courses	M-F	M-F
<b>R1301:</b> AP English Language and Composition (1 credit)	<b>ENGL1301:</b> English Composition	<b>ENGL 1302:</b> Writing Across the Curriculum
<b>R1405:</b> AP English Literature and Composition (1 credit)	<b>ENGL 2321:</b> Readings in British Literature	<b>ENGL 2331:</b> Readings in World Literature
<b>R5356:</b> Independent Study in Math 2 (1 credit)		<b>MATH 1314:</b> College Algebra
<b>R5342:</b> Statistics (1 credit)	<b>MATH 1342:</b> Elementary Statistics	
<b>R5410:</b> AP Precalculus	<b>MATH 1316:</b> Trigonometry with Analytic Geometry (3 college credits)	<b>MATH 2412:</b> Precalculus (4 college credits)
<b>R5403:</b> AP Calculus AB (1 credit)	<b>MATH 2413:</b> Calculus I (4 college credits) - (Full Year)	

Cooper High School Courses	Fall Semester	Spring Semester
Abilene ISD Courses	M-F	M-F
<b>R1405:</b> AP English Literature and Composition (1 credit)	<b>ENGL 2321:</b> Readings in British Literature	<b>ENGL 2331:</b> Readings in World Literature
<b>R1321:</b> English III	<b>ENGL1301:</b> English Composition	<b>ENGL 1302:</b> Writing Across the Curriculum
<b>R6373:</b> AP Biology (1 credit)	<b>BIO 1407:</b> Principles of Biology I	<b>BIO 1406:</b> Principles of Biology II
<b>R6309:</b> AP Environmental Science (1 credit)	<b>BIO 1409:</b> Man and the Environment (Full Year)	
<b>R5342:</b> Statistics (1 credit)		<b>MATH 1342:</b> Elementary Statistics
<b>R5356:</b> Independent Study in Math 2 (1 credit)	<b>MATH 1314:</b> College Algebra	
<b>R5410:</b> AP Precalculus	<b>MATH 1316:</b> Trigonometry with Analytic Geometry (3 college credits)	<b>MATH 2412:</b> Precalculus (4 college credits)
<b>R5403:</b> AP Calculus AB (1 credit)	<b>MATH 2413:</b> Calculus I (4 college credits) - (Full Year)	

Students must meet specific college and Abilene ISD criteria before being accepted for enrollment in dual credit courses.

- ASU score requirements for enrollment must be met. Eligibility is based on scores from TSI, STAAR (EOC), ACT or SAT.
- The rate is \$50 per credit hour (\$150 per 3 hour course per semester) for in-person or online course formats. Students will be responsible for books and/or materials for each course taken. Individual course fees may also apply.
- **Financial Aid for Swift Transfer (FAST) Program:** Students who meet the "Educationally Disadvantaged" criteria by qualifying for free or reduced lunch in the previous four years are considered FAST eligible and can participate in Dual Credit courses at NO COST to them.



## COURSES OFFERED

These courses will be taught on AISD campuses by ASU credentialed AISD instructors during the regular school day.

## CONTACT INFORMATION

Contact the ASU Dual Credit Office at [dualcredit@angelo.edu](mailto:dualcredit@angelo.edu) or 325-942-2179



<b>AP United States History (AP-USHIST-DC)</b>	
<b>Dual Enrollment – Angelo State University</b>	
<b>Course #:</b> R7401	<b>1 high school credit</b>
<b>PEIMS:</b> A3340100	<b>Grades: 11-12</b>
<b>Angelo State Course: History of the US to 1865</b>	
<b>ASU Course #:</b> HIST 1301	<b>3 college semester hours</b>
A general survey of American development through the period of the Civil War.	
<b>Angelo State Course: History of the US, 1865 to Present</b>	
<b>ASU Course #:</b> HIST 1302	
A survey of American development from reconstruction to the present, with emphasis on America in world affairs. <b>EOC required.</b>	
<b>Prerequisites:</b> Pre-AP World History recommended and History of the US to 1865	

<b>AP English Language and Composition (ENG 3 AP-DC)</b>	
<b>Dual Enrollment – Angelo State University</b>	
<b>ASD Course #:</b> R1301	<b>1 high school credit</b>
<b>PEIMS:</b> A3220100	<b>Grades: 11-12</b>
<b>Angelo State Course: English Composition</b>	
<b>ASU Course #:</b> ENG 1301	<b>3 college semester hours</b>
Emphasizing the writing process, the course offers abundant practice in producing effective prose essays as well as in analyzing and discussing selected readings.	
<b>Angelo State Course: Writing Across the Curriculum</b>	
<b>ASU Course #:</b> ENG 1302	<b>3 college semester hours</b>
A course in critical reading and writing across the curriculum, including the research process and the research paper.	
<b>Prerequisites:</b> English II and English Composition	

<b>AP English Literature and Composition (ENG4 AP-DC LIT)</b>	
<b>Dual Enrollment – Angelo State University</b>	
<b>ASD Course #:</b> R1405	<b>1 high school credit</b>
<b>PEIMS:</b> A3220200	<b>Grade: 12</b>
<b>Angelo State Course: Readings in British Literature</b>	
<b>ASU Course #:</b> ENG 2321	<b>3 college semester hours</b>
A study of diverse works by British writers. Emphasis on reading, comprehending, appreciating, and thinking critically about the selected works within the context of British culture and literary history.	
<b>Angelo State Course: Readings in World Literature</b>	
<b>ASU Course #:</b> ENG 2331	<b>3 college semester hours</b>
A study of diverse works by writers from various countries. Emphasis on reading, comprehending, appreciating, and thinking critically about the selected works within the context of the culture and literary history of the works' origins.	
<b>Prerequisites:</b> English III, ENGL 1301/1302, and Readings in British Literature	

<b>Creative Writing (CREAT WR-DC)</b>	
<b>Dual Enrollment – Angelo State University</b>	
<b>Course #:</b> R1323	<b>1 high school credit</b>
<b>PEIMS #:</b> 03221200	<b>Grades: 11-12</b>
<b>Angelo State Course: Forms of Literature</b>	
<b>ASU Course #:</b> ENG 2341	<b>3 college semester hours</b>
An exploration of the choices authors make in literary genre and craft with emphasis on original composition that demonstrates techniques observed in mentor texts.	
<b>Prerequisites:</b> English III or concurrent enrollment	

<b>Literary Genres (LIT GENR-DC)</b>	
<b>Dual Enrollment – Angelo State University</b>	
<b>Course #:</b> R1391	<b>1 high school credit</b>
<b>PEIMS:</b> 03221500	<b>Grades: 11-12</b>
<b>Angelo State Course: Intro to Literary Studies</b>	
<b>ASU Course #:</b> ENGL 2329	<b>3 college semester hours</b>
Students will explore various literary genres found in the literature of the world.	
<b>Prerequisites:</b> 80 or above in previous English Class and teacher approval recommended	

<b>English III (ENG 3-DC)</b>	
<b>Dual Enrollment – Angelo State University</b>	
<b>ASD Course #:</b> R1321	<b>1 high school credit</b>
<b>PEIMS:</b> 03220300	<b>Grades: 11-12</b>
<b>Angelo State Course: English Composition</b>	
<b>ASU Course #:</b> ENG 1301	<b>3 college semester hours</b>
Emphasizing the writing process, the course offers abundant practice in producing effective prose essays as well as in analyzing and discussing selected readings.	
<b>Angelo State Course: Writing Across the Curriculum</b>	
<b>ASU Course #:</b> ENG 1302	<b>3 college semester hours</b>
A course in critical reading and writing across the curriculum, including the research process and the research paper.	
<b>Prerequisites:</b> English II and English Composition	

<b>AP Environmental Science (AP-ENVIR-DC)</b>	
<b>Dual Enrollment – Angelo State University</b>	
<b>Course #:</b> R6309	<b>1 high school credit</b>
<b>PEIMS:</b> A3020000	<b>Grades: 11-12</b>
<b>Angelo State Course: Man and the Environment</b>	
<b>ASU Course #:</b> BIO 1409	<b>3 college semester hours</b>
An introductory owner's manual to Spaceship Earth for non-biology majors. Includes a survey of contemporary ecological concepts that affect man's life, values, and culture. Topics include the biosphere and ecosystems, adaptation, environmental pollution, waste management, conservation, population growth, and world food problems.	
<b>Prerequisites:</b> Algebra 1 and Biology; Chemistry and Physics recommended (may be taken concurrently).	



AP Biology (AP-BIO-DC)	
Dual Enrollment – Angelo State University	
Course #: R6373	1 high school credit
PEIMS: A3010200	Grades: 11-12
Angelo State Course: Principles of Biology I	
ASU Course #: BIO 1407	3 college semester hours
An introduction to the unifying principles of biology with emphasis on biological diversity, evolution, and ecology. Laboratory is designed to reinforce lecture topics and develop analytical skills essential to the practice of biology. Recommended as a first semester course of a two-course sequence for students majoring in biological sciences or related disciplines. Not intended for non-majors.	
Angelo State Course: Principles of Biology II	
ASU Course #: BIO 1406	3 college semester hours
An introduction to the unifying principles of biology with emphasis on biological chemistry, energetics and homeostasis, cell structure and function, gene expression, and patterns of inheritance. Laboratory is designed to reinforce lecture topics and develop analytical skills essential to the practice of biology.	
Prerequisites: Biology 1, Chemistry and Physics recommended (may be taken concurrently).	

Independent Study in Math 2 (INDSTDY MTH2-DC)	
Dual Enrollment – Angelo State University	
Course #: R5356	1 high school credit
PEIMS: 03102501	Grades: 11-12
Angelo State Course: College Algebra	
ASU Course #: MATH 1314	3 college semester hours
Exponents and radicals, logarithms, factoring, algebraic quotients, systems of equations, inequalities, absolute value, complex numbers, quadratic equations, binomial theorem, progressions, theory of equations, and determinants.	
Prerequisites: Algebra I EOC of 4000 or higher, or a TSI score of 350 or higher (prior to 01/2021), or TSIA2 CRC of at least 950, or a TSIA2 CRC score below 950 and a Diagnostic Level of 6.	

Statistics (STATS-DC)	
Dual Enrollment – Angelo State University	
Course #: R5342	1 high school credit
PEIMS: 03102530	Grades: 11-12
Angelo State Course: Elementary Statistics	
ASU Course #: MATH 1342	3 college semester hours
Topics include basic algebra, linear equations, quadratic equations, functions and graphs, inequalities, logarithms and exponential functions, mathematics of finance, linear programming, matrices, systems of linear equations, and applications to management, economics, and business.	
Prerequisites: Algebra I EOC of 4000 or higher, or a TSI score of 350 or higher (prior to 01/2021), or TSIA2 CRC of at least 950, or a TSIA2 CRC score below 950 and a Diagnostic Level of 6.	

AP Precalculus (APPRECAL-DC) Full Year	
Dual Enrollment – Angelo State University	
Course #: R5410	1 high school credit
PEIMS: A3100100	Grades: 11-12
Angelo State Course: Precalculus	
ASU Course #: Math 2412	
An overview of topics from algebra, trigonometry, and analytic geometry that are needed for calculus, including equations and inequalities, functions and inverse functions, trigonometric functions, and applications.	
Prerequisites: Mathematics 1314 or 1316 with a grade of "C" or better.	
Angelo State Course: Trigonometry with Analytic Geometry (3 hours)	
ASU Course #: Math 1316	
Trigonometric functions, radian measure, solutions of triangles, graphs of trigonometric functions, trigonometric identities, trigonometric equations, polar coordinates, vectors, and conic sections.	
Prerequisites: Mathematics 1314 or 1324, or a suitable score on a placement exam.	

AP Calculus AB (APCALCAB-DC) Full Year	
Dual Enrollment – Angelo State University	
Course #: R5403	1 high school credit
PEIMS: A3100101	Grades: 11-12
Angelo State Course: Precalculus	
ASU Course #: Math 2412	4 college semester hours
An overview of topics from algebra, trigonometry, and analytic geometry that are needed for calculus, including equations and inequalities, functions and inverse functions, trigonometric functions, and applications.	
Prerequisites: Mathematics 1314 or 1316 with a grade of "C" or better.	
Angelo State Course: Calculus I	
ASU Course #: Math 2413	4 college semester hours
Differential calculus for functions of one variable including a study of limits, continuity, derivatives of different classes of functions, maxima and minima, concavity, related rates, and optimization problems.	
Prerequisites: Mathematics 2412, or a suitable score on a placement exam.	

AP Statistics (APSTATS-DC) Full Year	
Dual Enrollment – Angelo State University	
Course #: R5405	1 high school credit
PEIMS: A3100200	Grades: 11-12
Angelo State Course: Elementary Statistics	
ASU Course #: MATH 1342	3 college semester hours
Topics include basic algebra, linear equations, quadratic equations, functions and graphs, inequalities, logarithms and exponential functions, mathematics of finance, linear programming, matrices, systems of linear equations, and applications to management, economics, and business.	
Prerequisites: Algebra I and Algebra II	

## APPLICATION FOR DUAL CREDIT

- Start at [www.cisco.edu](http://www.cisco.edu)—then CLICK APPLY IN UPPER RIGHT CORNER.. Follow the link in #1 under Admissions Requirements to apply for admission. Navigate in your browser to the Cisco Dual Credit Page on the Cisco College Website. Scroll down until you find your school. Click on the link and complete the Dual Credit Request Form:
- Provide placement test scores or proof of exemption. Students are encouraged to take the TSIA2 placement exam prior to June.
- Present **high school transcript**.
- Submit **proof of Bacterial Meningitis Vaccine (BMV)**.
- Make payment arrangements by Cisco College deadlines**—for the fall semester, August 21 and for the spring semester, January 8. Payment can be made online through Campus Connect, by phone, or in person. Payment plan options and financial aid information are found on the website.
- Check Campus Connect for the semester schedule. The Office of Dual Credit will perform registration once the dual credit enrollment begins.
- ABSD Dual Credit Parent/ Student Agreement—**return to school counselor**.



## CONTACT INFORMATION

Payment plan options, financial aid information and general information are found at [www.cisco.edu](http://www.cisco.edu) If more information is needed, contact Tianay Bralley, Director of Dual Credit Programs, at [tianay.bralley@cisco.edu](mailto:tianay.bralley@cisco.edu) or 325-794-4510; Nathan Monroe, Dual Credit Counselor, at [nathan.monroe@cisco.edu](mailto:nathan.monroe@cisco.edu) or 325-794-4439; or Amy Allen, Dual Credit Specialist at [amy.allen@cisco.edu](mailto:amy.allen@cisco.edu) or 325-794-4503.

## CRITERIA FOR ENROLLMENT AND PROGRAM COST

Students must meet specific college and Abilene ISD criteria before being accepted for enrollment in dual credit courses.

- Students must have counselor and parent approval prior to enrollment.
- Students need to have STAAR EOC, PSAT, ACT or SAT scores available at registration. **Students who need to take the TSIA2 should contact the Cisco Testing ([testing@cisco.edu](mailto:testing@cisco.edu)) to schedule an appointment.**
- Students must be prepared to pay for tuition costs and books for dual credit courses.
- Students will be limited to six credit hours per semester. More than 6 credit hours require special permission from the principal.
- Cost is \$210 per semester for a three-hour course and \$280 for a four-hour course, plus the cost of books.
- Cisco College extends the opportunity for high school dual credit students to receive the Texas Public Education Grant (TPEG). Students must meet FAFSA eligibility requirements to receive up to \$450 TPEG grant money for tuition. Grant money is available on a first come basis. The Financial Aid Opportunity information is available at [www.cisco.edu](http://www.cisco.edu) under the dual credit tab.
- Financial Aid for Swift Transfer (FAST) Program:** Students who meet the "Educationally Disadvantaged" criteria by qualifying for free or reduced lunch in the previous four years are considered FAST eligible and can participate in Dual Credit courses at NO COST to them.

## COURSES OFFERED

Classes meet in various Cisco and Abilene ISD locations during the regular school day.

Cisco College Courses-Abilene Education Center				
Abilene ISD Courses	Fall Semester		Spring Semester	
	MW (1:10-2:35)	TTH (1:10-2:35)	MW (1:10-2:35)	TTH (1:10-2:35)
<b>C7111:</b> US History (1 credit)		<b>HIST 1301:</b> US History I (to reconstruction)		<b>HIST 1302:</b> US History II (from reconstruction)
<b>C7361:</b> Economics with Emphasis on the Free Enterprise System (½ credit)	<b>ECON 2301:</b> Principles of Macroeconomics			<b>ECON 2301:</b> Principles of Macroeconomics
<b>C7331:</b> Government (½ credit)		<b>GOVT 2305:</b> Federal Government	<b>GOVT 2305:</b> Federal Government	
<b>C1321:</b> English III (1 credit)	<b>ENGL 1301-REMOTE:</b> Composition I		<b>ENGL 1302:</b> Composition II	
<b>C1421:</b> English IV (1 credit)		<b>ENGL 2327:</b> American Literature I		<b>ENGL 2323:</b> British Literature II
<b>C5342:</b> Statistics (1 credit)			<b>MATH 1342:</b> Elementary Statistics	
<b>C5356:</b> Independent Study in Math 2 (1 credit)	<b>MATH 1314:</b> College Algebra			
<b>C7281:</b> Psychology (½ credit)	<b>PSYC 2301:</b> General Psychology			<b>PSYC 2301:</b> General Psychology
<b>C1145:</b> Communication Applications (½ credit)		<b>SPCH 1315:</b> Public Speaking	<b>SPCH 1315:</b> Public Speaking	

Cisco College Courses-Abilene Education Center		
Abilene ISD Courses	Fall Semester	Spring Semester
<b>C8816:</b> HVAC and Refrigeration Technology I** (1 credits)	<b>HART 1407:</b> Basic Refrigeration	<b>HART 1441:</b> Residential A/C
<b>C8817:</b> HVAC and Refrigeration Technology II** (2 credits)	<b>HART 2441:</b> Commercial A/C	<b>HART 2438:</b> A/C Install/Start Up
<b>C8945:</b> Building Maintenance Technology I (2 credits)	<b>CETT 1402:</b> Electricity Principles	<b>HYDR 1445:</b> Hydraulics and Pneumatics
<b>C8946:</b> Building Maintenance Technology II** (2 credits)	<b>IEIR 1410:</b> Motor Controls	<b>ELPT 2419:</b> Programmable Logic Controllers
<b>C8971:</b> Biotechnology I (1 credit)		<b>PLAB 1323:</b> Phlebotomy-National Taught three nights per week for 9 weeks from 6:00-9:00 PM

United States History Studies Since 1877 (US HIST-DC)	
<b>Dual Enrollment – Cisco College</b>	
<b>Course #: C7111</b>	<b>1 high school credit</b>
<b>PEIMS: 03340100</b>	<b>Grades: 11-12</b>
<b>Cisco Course: United States History I (to reconstruction)</b>	
<b>CC Course #: HIST 1301</b>	<b>3 college semester hours</b>
Survey of the political, social, economic, military, cultural, and intellectual history of the United States from the time of discovery to the end of the Civil War. Three lecture hours per week. This course is offered in the Fall semester on the Cisco Abilene campus. <b>EOC required.</b>	
<b>Cisco Course: United States History II (from reconstruction)</b>	
<b>CC Course #: HIST 1302</b>	<b>3 college semester hours</b>
Survey of the political, social, economic, military, cultural, and intellectual history of the United States from Reconstruction to the present. Three lecture hours per week. This course is offered in the Spring semester on the Cisco Abilene campus. <b>EOC required.</b>	
<b>Prerequisites: World History, World Geography recommended</b>	

Economics with Emphasis on the Free Enterprise System and its Benefits (ECO-FE-DC)	
<b>Dual Enrollment – Cisco College</b>	
<b>Course #: C7361</b>	<b>.5 high school credit</b>
<b>PEIMS #: 03310300</b>	<b>Grades: 11-12</b>
<b>Cisco Course: Principles of Macroeconomics</b>	
<b>CC Course #: ECON 2301</b>	<b>3 college semester hours</b>
A study of consumer problems of the individual and of the family in the American economy. Areas of study may include: money and credit management, saving and personal investment, estate planning, wills, buying food and clothing, home ownership or rental, transportation, insurance, taxes and consumer protection. Emphasis is placed on the role of man in relation to his economic environment and the decisions which must be made in the conduct of individual and collective economic activity. Consideration is given to the market system, national income accounting, and policy development. Three lecture hours per week. This course is offered the Fall or Spring semester on the Cisco Abilene campus.	
<b>Prerequisites: None</b>	

United States Government (GOVT-DC)	
<b>Dual Enrollment – Cisco College</b>	
<b>Course #: C7331</b>	<b>.5 high school credit</b>
<b>PEIMS: 03330100</b>	<b>Grades: 11-12</b>
<b>Cisco Course: Federal Government</b>	
<b>CC Course #: GOVT 2305</b>	<b>3 college semester hours</b>
Introduction to the theory and practice of politics and government in America at the national level. Topics include political theory, political culture, the United States Constitution, federalism, political participation and elections, the institutions of government, and domestic and foreign policies. Three lecture hours per week. This course is offered the Fall or Spring semester on the Cisco Abilene campus.	
<b>Prerequisites: United States History, World History, World Geography recommended</b>	

English III (ENG 3-DC)	
<b>Dual Enrollment – Cisco College</b>	
<b>AISD Course #: C1321</b>	<b>1 high school credit</b>
<b>PEIMS: 03220300</b>	<b>Grades: 11-12</b>
<b>Cisco Course: Composition I</b>	
<b>CC Course #: ENGL 1301</b>	<b>3 college semester hours</b>
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. Three lecture hours per week. This course is offered in the Fall semester on the Cisco Abilene campus.	
<b>Cisco Course: Composition II</b>	
<b>CC Course #: ENGL 1302</b>	<b>3 college semester hours</b>
Intensive study of and practice in the strategies and techniques for developing research-based expository and persuasive texts. Emphasis on effective and ethical rhetorical inquiry, including primary and secondary research methods; critical reading of verbal, visual, and multimedia texts; systematic evaluation, synthesis, and documentation of information sources; and critical thinking about evidence and conclusions. Three lecture hours per week. Students who make a grade of D in ENGL 1301 are strongly discouraged from taking ENGL 1302. This course is offered in the Spring semester on the Cisco Abilene campus.	
<b>Prerequisites: English II and ENGL 1301</b>	

English IV (ENG4-DC LIT)	
<b>Dual Enrollment – Cisco College</b>	
<b>AISD Course #: C1421</b>	<b>1 high school credit</b>
<b>PEIMS: 03220400</b>	<b>Grade: 12</b>
<b>Cisco Course: British Literature II</b>	
<b>CC Course #: ENGL 2323</b>	<b>3 college semester hours</b>
A survey of the development of British literature from the Romantic period to the present. Students will study works of prose, poetry, drama, and fiction in relation to their historical and cultural contexts. Texts will be selected from a diverse group of authors and traditions.	
<b>Cisco Course: American Literature I</b>	
<b>CC Course #: ENGL 2327</b>	<b>3 college semester hours</b>
A survey of American literature from the period of exploration and settlement through the Civil War. Students will study works of prose, poetry, drama and fiction in relation to their historical and cultural contexts. Texts will be selected from among a diverse group of authors for what they reflect and reveal about the evolving American experience and character. For repeatability purposes, students who take ENGL 2327 should not also take ENGL 2326 or ENGL 2328. Three lecture hours per week.	
<b>Prerequisites: English III, ENGL 1301 and ENGL 1302</b>	

Independent Study In Math II (INDSTDY MTH2-DC)	
Dual Enrollment – Cisco College	
<b>Course #:</b> C5356	<b>1 high school credit</b>
<b>PEIMS:</b> 03102501	<b>Grades:</b> 11-12
<b>Cisco Course:</b> College Algebra	
<b>CC Course #:</b> MATH 1314	<b>3 college semester hours</b>
Study of quadratics; polynomial, rational, radical, logarithmic, and exponential functions and equations; inequalities; systems of equations; progressions; sequences and series; and matrices and determinants. Selected topics from among permutations and combinations, variation, theory of equations, mathematical induction and probability; may not apply toward a major in math. Three lecture hours per week. This course is offered in the Fall semester on the Cisco Abilene campus.	
<b>Prerequisites:</b> Algebra I, Algebra II	

Biotechnology I (BIOTECH1-DC)	
Dual Enrollment – Cisco College	
<b>Course #:</b> C8971	<b>1 high school credit</b>
<b>PEIMS:</b> 13036400	<b>Grades:</b> 11-12
<b>Cisco Course:</b> Phlebotomy-National	
<b>CC Course #:</b> PLAB 1323	<b>3 college semester hours</b>
Develop skill in infection control and safety practices; describe quality assurance in specimen collection; explain the role of specimen collection in the overall patient care; identify collection equipment, various additives used, special precautions necessary, and substances that interfere in clinical analysis of blood constituents; demonstrate venipuncture and capillary puncture techniques on adults, children, and infants; and explain requisitioning, transport and processing. Earn the National Phlebotomy Certificate.	
<b>Prerequisites:</b> Biology	
<b>Recommended:</b> Principles of Biosciences, Chemistry	

Statistics (STATS-DC)	
Dual Enrollment – Cisco College	
<b>Course #:</b> C5342	<b>1 high school credit</b>
<b>PEIMS:</b> 03102530	<b>Grades:</b> 11-12
<b>Cisco Course:</b> Elementary Statistics	
<b>CC Course #:</b> MATH 1342	<b>3 college semester hours</b>
Collection, presentation, analysis, and interpretation of data; probability; sampling; data distribution; hypothesis testing; linear regression and correlation; analysis of variance; utilization of statistical software. This course is not part of the CJC Core Curriculum and may not satisfy mathematics requirements for transfer students. Three lecture hours per week. This course is offered in the Spring semester on the Cisco Abilene campus.	
<b>Prerequisites:</b> Algebra I, Algebra II	

Psychology (PSYCH-DC)	
Dual Enrollment – Cisco College	
<b>Course #:</b> C7281	<b>.5 high school credit</b>
<b>PEIMS:</b> 03350100	<b>Grades:</b> 11-12
<b>Cisco Course:</b> General Psychology	
<b>CC Course #:</b> PSYC 2301	<b>3 college semester hours</b>
Survey of the major topics in psychology. Introduces the study of behavior and the factors that determine and affect behavior. Three lecture hours per week. This course is offered in the Spring semester on the Cisco Abilene campus..	
<b>Prerequisites:</b> None	

Communication Applications (COMMAPP-DC)	
Dual Enrollment – Cisco College	
<b>Course #:</b> C1145	<b>.5 high school Speech credit</b>
<b>PEIMS:</b> 03241400	<b>Grades:</b> 11-12
<b>Cisco Course:</b> Public Speaking	
<b>CC Course #:</b> SPCH 1315	<b>3 college semester hours</b>
Research, composition, organization, delivery, and analysis of speeches for various purposes and occasions. Three lecture hours per week. This course is offered in the Fall semester on the Cisco Abilene campus.	
<b>Prerequisites:</b> None	

### **HVAC and Refrigeration Technology 1\*\* (HVACREF-DC)**

A study of the components, applications and installation of mechanical air-conditioning systems including operating conditions, troubleshooting, repair and charging procedures of common air conditioning systems. The series of four courses (HART 1407, HART 1441, HART 2441 and HART 2438) provides training that covers the principles and practices of HVAC service, installation, repair, maintenance, as well as hazards and safety practices. Students who successfully complete all four courses will receive a Marketable Skills Certificate from Cisco College.

#### **Dual Enrollment – Cisco College**

**Course #:** C8816 **1 high school credit**

**PEIMS:** 13005800 **Grades:** 11-12

#### **Cisco Course: Refrigeration Principles**

**CC Course #:** HART 1407 **4 college semester hours**

An introduction to the refrigeration cycle, heat transfer theory, temperature/pressure relationship, refrigerant handling, refrigerant components and safety. Two hours lecture and four lab hours per week.

**Prerequisites:** None

#### **Cisco Course: Residential Air Conditioning**

**CC Course #:** HART 1441 **4 college semester hours**

A study of components, applications, and installation of mechanical air conditioning systems including operating condition, troubleshooting, repair, and charging of air conditioning systems. Two hours lecture and four hour lab per week.

**Prerequisites:** Cisco College course HART 1407

### **HVAC and Refrigeration Technology II\*\* (ADVHVAC-DC)**

#### **Dual Enrollment – Cisco College**

**Course #:** C8817 **2 high school credits**

**PEIMS:** 13005900 **Grades:** 11-12

#### **Cisco Course: Commercial Air Conditioning**

**CC Course #:** HART 2441 **4 college semester hours**

A study of components, applications, and installation of air conditioning systems with capacities of 25 tons or less. Two hours lecture and four lab hours per week.

**Prerequisites:** Cisco College course HART 1407 or instructor approval

#### **Cisco Course: Residential Air Conditioning**

**CC Course #:** HART 2438 **4 college semester hours**

A study of air conditioning system installation, refrigerant piping, condensate disposal and air cleaning equipment with emphasis on startup and performance testing. Two hours lecture and four hours lab per week.

**Prerequisites:** Cisco College course HART 1407 or instructor approval

### **Building Maintenance Technology 1\*\* (BUILDMA1-DC)**

#### **Dual Enrollment – Cisco College**

**Course #:** C8945 **2 high school credits**

**PEIMS:** 13005400 **Grades:** 11-12

#### **Cisco Course: Electricity Principles**

**CC Course #:** CETT 1402 **4 college semester hours**

Principles of electricity including proper use of test equipment, AC and DC circuits, and component theory and operation. Two hours lecture, four lab hours per week.

**Prerequisites:** None

#### **Cisco Course: Hydraulics and Pneumatics**

**CC Course #:** HYDR 1445 **4 college semester hours**

Fundamentals of hydraulics and types of hydraulic pumps, cylinders, valves, motors, and related systems including operations, maintenance, and system analysis. Two hours lecture, four hours lab per week.

**Prerequisites:** CETT 1402

### **Building Maintenance Technology II\*\* (BUILDMA2-DC)**

#### **Dual Enrollment – Cisco College**

**Course #:** C8946 **2 high school credits**

**PEIMS:** 13005500 **Grades:** 11-12

#### **Cisco Course: Motor Controls**

**CC Course #:** IEIR 1410 **4 college semester hours**

General principles and fundamentals of electrical controls and control components, including starters, troubleshooting techniques, various protective devices, schematics, and diagrams. Two hours lecture, four lab hours per week.

**Prerequisites:** CETT 1402 and HYDR 1445

#### **Cisco Course: Programmable Logic Controllers**

**CC Course #:** ELPT 2419 **4 college semester hours**

Fundamental concepts of programmable logic controllers, principles of operation, and numbering systems as applied to electrical controls. Two hours lecture, four hours lab per week.

**Prerequisites:** IEIR 1410



# Hardin-Simmons University

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## APPLICATION FOR DUAL CREDIT

- Submit an Application for Admission to HSU
  - Go to <https://applynow.hsutx.edu/apply/> or follow the QR code on this page and choose **Apply Online** under Prospective Students/Undergraduate
  - Create a profile, first!
  - Select "Dual Credit" on the application
- Turn in the **AISD Dual Credit Parent/Guardian and Student Agreement** to your counselor.
- Once the application and agreement are complete, the counselor will submit student transcripts, test scores, and immunization records to HSU.
- The counselor will register students for classes based on prior advising.
- You **MUST** have proof of Bacterial Meningitis Vaccine on your immunization record.



## CONTACT INFORMATION

Contact Travis Seekins, Vice President for Enrollment Management and Marketing, at [seekins@hsutx.edu](mailto:seekins@hsutx.edu) or 325.670.1276 for more information.

## CRITERIA FOR ENROLLMENT AND PROGRAM COST

Students must meet specific college and Abilene ISD criteria before being accepted for enrollment in dual credit courses:

- Students must be a Holland Medical student.
- Students must have counselor and parent approval prior to enrollment.
- Students must meet required passing scores on the TSI, ACT or SAT determined by HSU.
- Students must be prepared to pay for tuition costs and books for dual credit courses.
- Cost is \$204 per 3-credit course, plus the cost of books.

## COURSES OFFERED

**ALL HSU COURSES** are open for dual credit to Abilene ISD Holland Medical students who meet all prerequisites. The courses will be taught on the HSU campus during the regular school day. These courses will be populated by both college and high school students.

**STUDENTS ARE RESPONSIBLE FOR VERIFYING WITH THE HIGH SCHOOL COUNSELOR the AISD match for the HSU course selected.** In order to earn high school credit, the college course must satisfy all state content requirements in the high school curriculum.

A list of scheduled courses is available at <https://selfservice.hsutx.edu/Student/courses> via the path *Subject > Location > Term*. Select the desired course and click *View Available Sections*.



# McMurry University

## APPLICATION FOR DUAL CREDIT

Students will need to the following information for registration:

- o Completed Admission application ([apply.mcm.edu/apply](https://apply.mcm.edu/apply))
  - On the first application page select "Main Campus" and "Dual Credit/Concurrent"
- o Official school transcript
  - A transcript may be uploaded in the student's application portal. It is recommended that the high school counselor upload the student's official transcript via the counselor portal.
- o Counselor recommendation
  - Once an application is submitted, the counselor will need to endorse the student in their counselor portal.
- o Proof of meningitis vaccine (for in-person courses on campus only)
- o AISD Dual Credit Parent/Student Agreement - [return to school counselor](#)
- o To complete registration, students must submit a course registration form in their application portal prior to each semester. Returning Dual Credit students must also complete this form every semester to be registered.

## CONTACT INFORMATION

Contact the Dual Credit Office at [dualcredit@mcm.edu](mailto:dualcredit@mcm.edu) or 325-793-4700 for more information; Lauren Luna, Director of the Dual Credit Academy at [luna.lauren@mcm.edu](mailto:luna.lauren@mcm.edu) or 325-794-4719; or Grant Greenwood, Vice President for Enrollment Management at [greenwood.grant@mcm.edu](mailto:greenwood.grant@mcm.edu) or 325-794-4785.

## CRITERIA FOR ENROLLMENT AND PROGRAM COSTS

Students must meet specific college and Abilene ISD criteria before being accepted for enrollment in the McMurry Dual Credit Academy courses:

- Students must have counselor and parent approval prior to enrollment.
- Students must be prepared to pay for tuition costs for dual credit courses.
- Students must send an official transcript directly to McMurry University using a secure electronic transcript service. It is recommended that the high school counselor uploads the student's transcript via the High School Counselor Portal. A bacterial meningitis shot record (if applicable) and parent and counselor permission letter at time of registration are also required. The bacterial meningitis shot must be less than 5 years old.
- Cost is \$200 for 3 credit courses, and \$300 for 4 credit courses. All books and course resources are included in tuition.

## McMURRY DUAL CREDIT ACADEMY SCHOLARSHIP

Any student who completes a McMurry Dual Credit Academy course during high school will receive a one-time **\$1,000 scholarship** upon enrolling at McMurry as a full-time incoming freshman.

## COURSES OFFERED

All McMurry **Dual Credit Academy** courses appearing in maroon below are delivered online. McMurry Dual Credit Academy Course options are available at [admissions.mcm.edu/Dual-Credit/Dual\\_Credit.html](https://admissions.mcm.edu/Dual-Credit/Dual_Credit.html) or in the student's application portal. High school students may also attend any in-person courses on McMurry's campus if the time aligns with the student's high school schedule. See page 15 for approved in-person courses. Students must consult with their counselor to ensure the McMurry course, if not listed here, is approved for high school credit.

Any Year - High School Course	Fall Semester	Spring Semester
<b>M1145:</b> Professional Communications (.5 credits)	<b>COMM 1310:</b> Principles of Communication (3 semester hours); either semester	
<b>M1161:</b> Independent Study in English: Hebrew Scriptures (.5 credits)	<b>RELI 2330:</b> Old Testament (3 semester hours); either semester	
<b>M7281:</b> Psychology (.5 credit)	<b>PSYC 1340:</b> General Psychology (3 semester hours); either semester	
Junior Year - High School Course	Fall Semester	Spring Semester
<b>M7111:</b> US History (1 credit)	<b>HIST 2310:</b> History of the US to 1877	<b>HIST 2320:</b> United States since 1865
<b>M1321:</b> English III	<b>ENGL 1310:</b> Composition and Rhetoric	<b>ENGL 1320:</b> Composition and Literature
<b>M6311:</b> Specialized Topics in Science (1 credit)	<b>BIOL 1401:</b> Principles of Biology AND <b>BIOL 1401L:</b> Principles of Biology Lab (4 semester hours); either semester	
Senior Year - High School Course	Fall Semester	Spring Semester
<b>M7331:</b> Government (.5 credit)	<b>POSC 2310:</b> American National Government	
<b>M5356:</b> Independent Study in Math 2 (1 credit)	<b>MATH 1311:</b> College Algebra (3 semester hours); either semester	

Communication Applications (COMMAPP-DC)	
Dual Enrollment – McMurry University	
Course #: M1145	.5 high school credit
PEIMS: 03241400	Grades: 11-12
MCM Course: Principles of Communication	
MCM Course #: COMM 1310	3 college semester hours
An introductory study and application of the basic principles of communication. This course is an option for the general education requirements in the oral communication competency. Emphasis is placed on the acquisition of communication skills that can be applied in interpersonal, small group, and public speaking contexts. Specific concepts explored by this course include self concept and esteem, leadership, conflict management, diversity and intercultural communication issues, listening, nonverbal, communication anxieties, and ethical considerations as both the sender and receiver of messages.	
Prerequisites: None	

English III (ENG 3-DC)	
Dual Enrollment – McMurry University	
Course #: M1321	1 high school credit
PEIMS: 03220300	Grades: 11
MCM Course: Composition and Rhetoric <b>AND</b> Composition and Literature	
MCM Course #: ENGL 1310 <b>AND</b> ENGL 1320	6 college semester hours
This course provides an intensive study and practice of the fundamental principles of exposition leading to the habit of effective writing and acquaints students with the written analysis of literary works including representative examples of poetry, drama, and prose fiction.	
Prerequisites: None	

Government (GOVT-DC)	
Dual Enrollment – McMurry University	
Course #: M7331	.5 high school credit
PEIMS: 03330100	Grades: 11-12
MCM Course: American National Government	
MCM Course #: POSC 2310	3 college semester hours
An introductory course which surveys the historical origin, the constitutional basis, the forms, powers, and functions of the federal government.	
Prerequisites: None	

Specialized Topics in Science (STSCI-DC)	
Dual Enrollment – McMurry University	
Course #: M6311	1 high school credit
PEIMS: 03060300	Grades: 11-12
MCM Course: Principles of Biology <b>AND</b> Principles of Biology Lab	
MCM Course #: BIOL 1401 <b>AND</b> BIOL 1401L	4 college semester hours
An introduction to the fundamental principles and processes of life, including the diversity of life, the nature of cells, the principles of heredity, basic organismal, physiology, evolution, and the interdependence of life.	
Prerequisites: None	

Independent Study in English: Hebrew Scriptures (HEBSCEN-DC)	
Dual Enrollment – McMurry University	
Course #: M1161	.5 high school credit
PEIMS: 03221830	Grades: 11-12
MCM Course: Old Testament	
MCM Course #: RELI 2330	3 college semester hours
The course is a survey of the Old Testament which investigates the history of the Hebrew people, the nature and development of their relationship with God, and the transmission of their tradition and experience in literary form.	
Prerequisites: None	

Independent Study in Math II (INDSTDY MTH2-DC)	
Dual Enrollment – McMurry University	
Course #: M5356	1 high school credit
PEIMS: 03102501	Grades: 11-12
MCM Course: College Algebra	
MCM Course #: MATH 1311	3 college semester hours
Topics covered in this course include linear and quadratic functions, systems of linear equations and matrices, exponential and logarithmic functions, inequalities, and linear programming. A graphing calculator is recommended.	
Prerequisites: Geometry and Algebra II	

United States History Since 1877 (US HIST-DC)	
Dual Enrollment – McMurry University	
Course #: M7111	1 high school credit
PEIMS: 03340100	Grades: 11-12
MCM Course: United States to 1877 <b>AND</b> United States Since 1865	
MCM Course #: HIST 2310 <b>AND</b> HIST 2320	6 college semester hours
General survey of American history, concentrating on colonial foundation, national growth, Civil War, and Reconstruction, concentrating on economic, social, political, and intellectual developments. Problems of the nature of history, historical evidence and research.	
Prerequisites: None	

Psychology (PSYCH-DC)	
Dual Enrollment – McMurry University	
Course #: M7281	.5 high school credit
PEIMS: 03350100	Grades: 11-12
MCM Course: General Psychology	
MCM Course #: PSYC 1340	3 college semester hours
Designed as a course for anyone interested in psychology, and it is required for psychology majors, minors, and nursing majors. This course is an overview of the scientific study of factors underlying human and animal behavior. Topics include physiological bases of behavior, learning, development, personality theories, social interaction, psychological disorders, and therapy.	
Prerequisites: None	

In addition to the online courses listed above as part of the McMurry Dual Credit Academy, Abilene ISD has approved dual credit matches for the following high school core academic matches to McMurry in-person courses:

- Statistics and Business Decision-Making (M8840 for BUSI 3370 Business Statistics, 1 credit)
- Independent Study in Math III (M5358 for MATH 2421 Calculus I, 1 credit)
- Precalculus (M5353 for MATH 1320 Precalculus, 1 credit)
- Astronomy (M6379 for PHYS 1401 Astronomy **AND** 1401L Astronomy Lab, 1 credit)
- Environmental Systems (M6233 for GEOS 1405 Environmental Geology **AND** 1405L Environmental Geology Lab, 1 credit)
- Economics with Emphasis on the Free Enterprise System (M7361 for ECON 2310 Macroeconomics, .5 credits)
- Sociology (M7391 for SOCI 1310 Introduction to Sociology, 1 credit)
- Humanities (M1431 for HIST 1300 Making History, .5 credit)

Students may seek the advice of their counselors regarding these courses and any electives they desire to complete through dual credit coursework at McMurry University.

# Texas State Technical College - West Texas

## APPLICATION FOR DUAL CREDIT

- For TSTC courses, please follow these TSTC procedures:
  - See your high school counselor the registration packet prior to registration.



## CONTACT INFORMATION

- Rene Ralston, Director of Dual Credit at [rene.ralston@tstc.edu](mailto:rene.ralston@tstc.edu) or 325-660-1928
- Shelby Bennett, Dual Credit Recruiting Representative at [shelby.bennett@tstc.edu](mailto:shelby.bennett@tstc.edu) or 325-235-7335
- Kyle Smith, Senior Advisor to the Deputy Chancellor at [kwsmith@tstc.edu](mailto:kwsmith@tstc.edu) or 325-235-7415

## CRITERIA FOR ENROLLMENT AND PROGRAM COST

Students must meet specific college and Abilene ISD criteria before being accepted for enrollment in dual credit courses:

- Students must have counselor and parent approval prior to enrollment.
- Students who complete a 4-semester sequence of courses within a defined pathway may also continue their education at TSTC to complete an Associates of Applied Science degree or certificate of completion.
- Tuition costs are \$33 per credit hour (\$99 per course) and payment must be made to Abilene ISD prior to the first class day of the college semester.
- Financial Aid for Swift Transfer (FAST) Program:** Students who meet the "Educationally Disadvantaged" criteria by qualifying for free or reduced lunch in the previous four years are considered FAST eligible and can participate in Dual Credit courses at NO COST to them.

## COURSES OFFERED

These courses may be offered online, on the high school campus, or at TSTC West Texas and are open to all Abilene ISD high school students. Courses must be taken in the order listed below and students must complete all courses in a sequence to earn a TSMA certification.

		Texas State Technical College Course	
Location	Abilene ISD Courses	Fall Semester	Spring Semester
Welding/Manufacturing - Applied Mathematics			
TSTC Online	<b>T8820:</b> Applied Mathematics for Technical Professionals (1 credit)	<b>TECM - 1303:</b> Technical Calculations (online)	<b>TECM - 1303:</b> Technical Calculations (online)
Structural Welding Technology			
TSTC Online	<b>T8961:</b> Blueprint Reading for Manufacturing Applications (1 credit)	<b>WLDG 1313:</b> Intro to Blueprint Reading-Welders (online)	<b>WLDG 1313:</b> Intro to Blueprint Reading-Welders (online)
TSTC Abilene ITC 8:15-9:45am M-Th or 1:15-2:45pm M-TH	<b>T8880:</b> Welding II (2 credits)	<b>WLDG-1407:</b> Intro to Welding Using Multiple Processes	<b>WLDG-1428:</b> Intro to Shielded Metal Arc Welding
Aircraft Technology			
TSTC Hangar at Abilene Regional	<b>EVEN numbered graduation years</b> <b>T8984F:</b> Introduction to Aircraft Technology (1 credit)		<b>AERM-1414:</b> Basic Electricity
	<b>EVEN numbered graduation years</b> <b>T8941F and T8941S:</b> Aircraft Powerplant Technology** (2 credits)	<b>AERM-1205:</b> Weight and Balance (both courses required) <b>AERM-1208:</b> Federal Aviation Regulations	
TSTC Hangar at Abilene Regional	<b>ODD numbered graduation years</b> <b>T8940:</b> Aircraft Airframe Technology/Advanced Transportation Systems Laboratory** (3 credits)	<b>AERM-1203:</b> Shop Practices <b>AERM-1210:</b> Ground Operations	<b>AERM-1315:</b> Aviation Science

<b>Welding II** (WELD2-DC)</b>	
<b>Dual Enrollment – TSTC Abilene ITC</b>	
<b>AISD Course #: T8880</b>	<b>2 high school credits</b>
<b>PEIMS: 13032400</b>	<b>Grade: 11-12</b>
<b>TSTC Course: Intro to Welding Using Multiple Processes</b>	
<b>TSTC Course #: WLDG 1407</b>	<b>3 college semester hours</b>
<b>TSTC Course: Intro to Shielded Metal Arc Welding</b>	
<b>TSTC Course #: WELD 1428</b>	<b>3 college semester hours</b>
This course provides the knowledge, skills, and technologies required for employment in metal technology systems. Students will develop knowledge and skills related to this system and apply them to personal career development. This course supports integration of academic and technical knowledge and skills. Students will reinforce, apply, and transfer knowledge and skills to a variety of settings and problems. Knowledge about career opportunities, requirements, and expectations and the development of workplace skills prepare students for future success.	
<b>Prerequisites:</b> Intro to Welding, Ag Mechanics and Metal Technologies, or demonstrated proficiency AISD requirement	

In addition to the courses listed above, students who complete the high school Practicum in Welding also have the opportunity to earn credit for the following TSTC courses and their high school equivalents:

- WLDG 1313 Intro to Blueprint Reading (3 college hours)/Blueprint Reading for Manufacturing Applications (1 high school credit)
- WLDG 1303 Technical Calculations (3 college hours)/Applied Mathematics for Technical Professionals (1 high school credit)

<b>Applied Mathematics for Technical Professionals (APMATHP-DC)</b>	
<b>Dual Enrollment – TSTC Abilene (online)</b>	
<b>AISD Course #: T8820</b>	<b>1 high school credit</b>
<b>PEIMS: 12701410</b>	<b>Grade: 11-12</b>
<b>TSTC Course: Technical Calculations</b>	
<b>TSTC Course #: TECM 1303</b>	<b>3 college semester hours</b>
Specific mathematical calculations required by business, industry, and health occupations.	

<b>Blueprint Reading for Manufacturing - Welding (BRFMA-DC)</b>	
<b>Dual Enrollment – TSTC Abilene (online)</b>	
<b>AISD Course #: T8961</b>	<b>1 high school credit</b>
<b>PEIMS: N1303684</b>	<b>Grade: 11-12</b>
<b>TSTC Course: Intro to Blueprint Reading - Welders</b>	
<b>TSTC Course #: WLDG 1313</b>	<b>3 college semester hours</b>
A study of industrial blueprints. Emphasis placed on terminology, symbols, graphic description, and welding processes. Includes systems of measurement and industry standards. Also includes interpretation of plans and drawings used by industry to facilitate field application and production.	

<b>Aircraft Powerplant Technology** (AIRPTEC-DC)</b>	
<b>Dual Enrollment – TSTC Hangar at Abilene Regional EVEN numbered graduation years</b>	
<b>Course #: T8941F and T8941S</b>	<b>2 high school credits</b>
<b>PEIMS: 13039500</b>	<b>Grade: 11-12</b>
<b>TSTC Course: Aviation Drawings</b>	
<b>TSTC Course #: AERM 1112</b>	<b>1 college semester hour</b>
Fundamentals of aviation drawings applied to aircraft principles and operations as required by the Federal Aviation Administration for airframe and powerplant mechanics. (Fall semester senior year-2 <sup>nd</sup> 7 weeks)	
<b>Corequisites: AERM-1210 Ground Operations</b>	
<b>TSTC Course: Federal Aviation Regulations</b>	
<b>TSTC Course #: AERM 1208</b>	<b>2 college semester hours</b>
A course in the use and care of various covering materials, finishes, and wood structures including approved methods and procedures. Safety also addressed. (Spring semester senior year-1 <sup>st</sup> 7 weeks)	
<b>Corequisites: AERM-1112</b>	

<b>Introduction to Aircraft Technology (INAIRTEC-DC)</b>	
<b>Dual Enrollment – TSTC Hangar at Abilene Regional EVEN numbered graduation years</b>	
<b>Course #: T8984F</b>	<b>1 high school credit</b>
<b>PEIMS: 13039350</b>	<b>Grade: 11-12</b>
<b>TSTC Course: Ground Operations</b>	
<b>TSTC Course #: AERM 1210</b>	<b>2 college semester hours</b>
An introductory course in fuels, servicing methods, safety procedures, aircraft movement, securing and operations of aircraft, external power equipment, aircraft cleaning, and corrosion control. (Fall semester senior year-first 7 weeks)	
<b>Prerequisites: None</b>	

<b>Aircraft Airframe Technology/Advanced Transportation Systems Laboratory** (AIRAFLAB-DC)</b>	
<b>Dual Enrollment – TSTC Hangar at Abilene Regional ODD numbered graduation years</b>	
<b>Course #: T8940</b>	<b>3 high school credits</b>
<b>PEIMS: 13039410</b>	<b>Grade: 11-12</b>
<b>TSTC Course: Weight and Balance</b>	
<b>TSTC Course #: AERM 1205</b>	<b>1 college semester hours</b>
An introduction to Federal Aviation Administration (FAA) required subjects relating to the weighing of aircraft, the performance of weight and balance calculations, and appropriate maintenance record entries.	
<b>Prerequisites: None</b>	
<b>TSTC Course: Aviation Physics</b>	
<b>TSTC Course #: AERM 1109</b>	<b>1 college semester hour</b>
Fundamentals of physics applied to aircraft principles and operations as required by the Federal Aviation Administration for airframe and powerplant mechanics.	
<b>Corequisites: AERM 1205</b>	
<b>TSTC Course: Shop Practices</b>	
<b>TSTC Course #: AERM 1203</b>	<b>2 college semester hours</b>
An introduction to shop safety, the correct use of hand tools, equipment, and precision measurement, identification of aircraft hardware, and the fabrication of fluid lines and tubing. Emphasis on procedures for testing, heat treating, and inspection of aircraft structures.	
<b>Corequisites: AERM 1205 and AERM 1109</b>	

# AISD 2024-2025 DUAL CREDIT PARENT/GUARDIAN AND STUDENT AGREEMENT

## FAMILY COPY

Parents/Guardians and students who enroll in dual credit classes must read and sign the bottom of this agreement. This agreement is to make sure families understand the responsibilities that come with taking college level courses for dual credit. Please contact your student's high school counselor if you have any questions or concerns about the following responsibilities concerning dual credit. This form must be signed and returned to your student's counselor before attending dual credit classes. Dual credit students must:

1. Meet all state and school requirements before enrolling in a dual credit course.
2. Follow and complete ALL registration requirements needed for enrolling in dual credit courses which includes: providing proof of having received the Bacterial Meningitis Vaccination, obtaining a recommendation letter from the student's high school counselor, obtaining a parent permission letter and obtaining an *Official Transcript* from the high school registrar.
3. Pay for books and tuition for dual credit courses unless the AISD and institution agreement differs (see specific program pages for details). Traditional financial aid is not provided for part-time students at the universities.
4. For off campus dual credit, students are encouraged to enroll in two dual credit courses during each semester - one MWF and one TTH in order to meet enrollment and attendance requirements. One ASU dual credit course on the high school campus is acceptable. Students must meet eligibility criteria in order to be enrolled in fewer than 8 classes/periods per day and must be enrolled in at least 6 classes/periods per day to be eligible for various UIL activities and to be counted as full-time students. However, students are not required to enroll in six college hours. Parents and students will need to coordinate on the student's whereabouts during the hours they are not reporting to a class, provided all other class enrollment requirements are met.
5. **Know that most dual credit grades are not included in the high school GPA. Only the Advanced Placement courses that are also Dual Credit taught on AISD campuses by AISD staff calculate with weight in the student's GPA.**
6. Know that dual credit courses will become part of a college transcript from that university.
7. Be aware that grading policies are established by the universities and not by AISD.
8. Know that dual credit coursework is more rigorous than regular high school course work.
9. **Monitor their own grades and assignments on the college website. Dual credit grades cannot be seen on TEAMS. Under the Federal Educational Records Privacy Act of 1974 (FERPA), a student's college academic record belongs to the student and is not accessible to the parent without the student's consent.**
10. Know that students are responsible for communication between the student and professor. **AISD parents should not contact university professors.** Parental concerns should be addressed to the student's high school counselor.
11. Meet all attendance requirements for the university.
12. Communicate their extracurricular schedule with the professors. Students should notify their university professors prior to missing class for any reason. Good attendance is critical.
13. Be aware that the university may have class during an AISD holiday or early release day, and the student must attend.
14. When taking an off-campus class, students are responsible for transportation to and from the university.
15. **Conference with your school counselor before dropping a dual credit course.**
16. Fulfill financial responsibility for tuition for any course dropped after the official college/university withdrawal deadline.
17. Be aware that if a student drops a dual credit course after the first six weeks of the AISD semester, it will not be possible for them to obtain high school credit by transferring into an existing on-campus section. Students will be required to attend their home campus during the periods previously used for dual credit classes off-site.
18. If taking dual credit US History from any university partner, **students must still take and pass the US History End of Course exam.** The EOC schedule is posted at <https://tea.texas.gov/student.assessment/calendars/>. Exams are taken on the high school campus.

# NOTES

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## SIGN AND RETURN TO THE CAMPUS COUNSELING OFFICE

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Student Portion	Parent/Guardian Portion
Name (Print)	Name (Print)
Signature	Signature
Date	Date