

Advanced Academics at Brewer High School

Preparing students for success beyond high school through rigorous academic opportunities

Presentation Goals

1

Review Course Options

- Pre-AP and Advanced Placement
- Dual Credit
- OnRamps
- Tarleton Today

2

Discuss Benefits

- College level work experience
- No barriers to participation
- Weighted GPA points
- Earn college credits
- Save money

Pre-AP and Advanced Placement Courses

College-level learning opportunities sponsored by the College Board



What are Pre-AP Courses?

Pre-AP courses are designed to prepare high school students for Advanced Placement (AP) classes and college-level coursework by developing critical thinking and academic skills.

- **Build foundational knowledge and skills**
- **Develop advanced writing and analytical abilities**
- **Prepare for the rigor of college-level AP courses**
- **Receive weighted GPA credit**

What are Advanced Placement Courses?

College-Level Classes

Advanced Placement (AP) courses are college-level classes offered in high school that allow students to earn college credit and prepare for higher education.

Credit Based on Exam Performance

College credit is based on a grade of a 3, 4 or 5 on the AP exam for each subject.

Exam Information

Exams are taken in May – students taking the course are expected to take the AP exam.

\$99 exam fee* - due in November

*AP exams are \$15 for students who qualify for free/reduced lunch

<u>Pre-AP Courses</u>	<u>AP Courses</u>
Pre-AP English 1	AP English Language
Pre-AP English 2	AP English Literature
Pre-AP Geometry	AP Calculus AB
Pre-AP Algebra 2	AP Pre-Calculus
Pre-AP Biology	AP Physics
Pre-AP Chemistry	AP Environmental Science
Pre-AP World Geography	AP Spanish Language
Honors Spanish 3	AP World History
	AP US History
	AP 2-D & 3-D Art

Pre-AP and AP Course Offerings at Brewer High School

Brewer High School offers a comprehensive selection of Pre-AP and AP courses across multiple subject areas to prepare students for college success

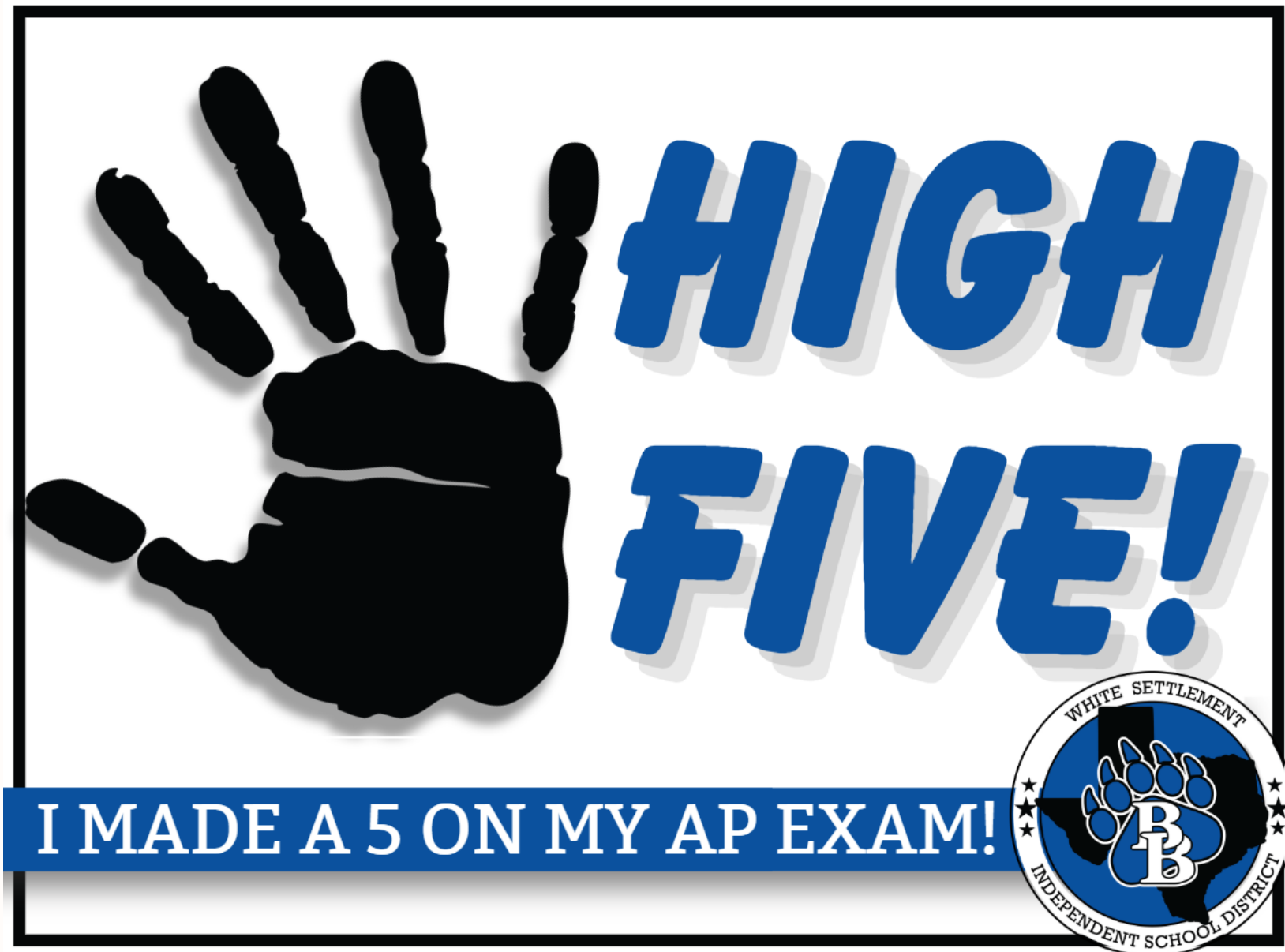
2024-2025 Scores											
AP Exam	# of students enrolled	# of students who took the exam	# of students who earned 3 or above	% of students who earned 3 or above who were enrolled in the course	BHS AP Average score	BHS AP % earning 3 or above	Texas AP average score	Texas AP % earning 3 or above	Global AP average score	Global AP % earning 3 or above	
2-D Art and Design	8	8	7	88%	3.13	87.5%	3.08	73.0%	3.33	82.9%	
3-D Art and Design	3	2	2	67%	3.00	100.0%	2.83	62.5%	3.06	71.6%	
Calculus AB	14	12	4	29%	2.08	33.3%	2.77	50.9%	3.21	64.2%	
English Language and Composition	44	17	8	18%	2.18	47.1%	2.84	61.6%	3.19	74.3%	
English Literature and Composition	38	26	17	45%	2.69	65.4%	2.88	61.6%	3.24	74.2%	
Environmental Science	23	12	9	39%	3.67	75.0%	2.73	58.4%	3.06	69.2%	
Physics		22	6		2.00	27.0%					
Precalculus	44	39	35	80%	3.44	89.7%	3.35	72.4%	3.55	80.7%	
Spanish Language and Culture	27	6	3	11%	2.67	50.0%	3.36	77.9%	3.57	84.6%	
United States History	18	12	3	17%	2.25	25.0%	2.94	60.9%	3.3	73.7%	
World History: Modern	110	75	23	21%	2.20	30.7%	2.78	50.8%	3.16	64.3%	
	329	231	117	34%	2.66						
AP Scholars		11									
AP Scholars with Honors		3									

[AP Scholar](#): Awarded to students who receive scores of 3 or higher on three or more AP Exams.

[AP Scholar with Honors](#): .Awarded to students who receive an average score of at least 3.25 on all AP Exams taken, and scores of 3 or higher on four or more of these exams

High 5 students:

- Estafania Angula - Art 2d - graduated
- Skyler Hight - Env. Sci
- Bruce Ramos - Env. Sci
- Joseph Flores - precal
- Evan Montalvo - precal
- Peter Rosler - precal



Dual Credit Courses

Earn college credit while still in high school



What is Dual Credit?

Dual credit allows high school students to earn both high school and college credit simultaneously by taking college courses.

These courses can be taught at the high school, a college campus, or even online, and they count towards both the student's high school graduation requirements and their future college degree.

The "dual credit" earned is one grade for both high school and college credit.

Dual credit courses are either taught by high school teachers with credentials or college professors.

Tarrant County College (TCC)

TCC offers courses that are completely **free of charge**, providing an excellent entry point into college-level academics. All courses are 3-credit hours.

English & Literature Courses

Composition 1 : ENGL 1301

Grades 11-12 | English 3A OR 4A credit | Fall semester

Composition 2 : ENGL 1302

Grades 11-12 | English 3B OR 4B credit | Spring semester

British Literature : ENGL 2322

Grade 12 | English 4A credit Fall semester

American Literature : ENGL 2328

Grade 12 | English 4B credit Spring semester

Social Studies Courses

Economics : ECON 2301

Grades 12 | Economics credit Fall semester

Federal Government: GOVT 2305

Grades 12 | Government credit Spring semester

Sociology : SOCI 1301

Grades 10-12 | Sociology credit Fall semester

Psychology : PSYC 2301

Grades 10-12 | Psychology credit Spring semester

Elective Courses

Public Speaking : SPCH 1315

Grades 10-12 Speech or elective Fall / Spring semester

Music Appreciation : MUSI 1306

Grades 10-12 Fine Arts credit Fall / Spring semester

Art Appreciation : ARTS 1301

Grades 10-12 Fine Arts credit Fall / Spring semester

New 2026-2027

Dual Credit Course Offerings at BHS

Brewer High School partners with Tarrant County College to offer a variety of dual credit courses that satisfy both high school requirements and college credits

Fall 2024 Dual Credit Grades

<u>ENGL 1301</u>	A	88	54%	<u>ENGL 2322</u>	A	15	25%
	B	51	31%		B	11	19%
	C	10	6%		C	10	17%
	D	5	3%		D	2	3%
	F	5	3%		F	0	0%
	W	4	2%		W	21	36%
		163				59	
<u>SOCI 1301</u>	A	15	42%	<u>SPEECH</u>	A	15	71%
	B	10	28%		B	5	24%
	C	2	6%		C	1	5%
	D	1	3%		D	0	0%
	F	0	0%		F	0	0%
	W	8	22%		W	0	0%

Fall 2024 Dual Credit Grades

<u>ECON</u>	A	23	32%	<u>GOVT</u>	A	0
	B	27	38%		B	0
	C	12	17%		C	0
	D	1	1%		D	1
	F	0	0%		F	0
	W	9	13%		W	2
		72				3
<u>MUSI</u>	A	3				
	B	0				
	C	0				
	D	0				
	F	1				
	W	0				



OnRamps: A University of Texas Initiative

OnRamps is an innovative dual enrollment program that gives high school students the opportunity to earn college credit from The University of Texas at Austin



DUAL ENROLLMENT



Teachers

Classes

Grades

Credits
(Accept/Decline)

DUAL CREDIT



Teacher

Class

Grade

Credit

ADVANCED PLACEMENT



Teacher

Class

Exam Score

Credit
(Exam score of 3+)

College Readiness

OnRamps students become lifelong learners and build the **skills, strengths, strategies and confidence** to thrive in college, career, the military — or wherever the journey takes them.

An OnRamps course provides the opportunity to:

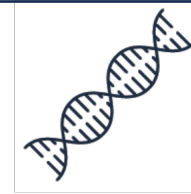
- Practice study habits
- Develop time management skills
- Graduate from high school ready to meet college expectations

The Courses

- OnRamps offers courses in university core component areas
- Designed by UT Austin faculty
- Earn college credit on a UT Austin transcript
- Several OnRamps courses fit with career and technical programs



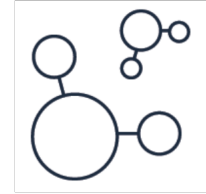
Arts and
Entertainment
Technologies



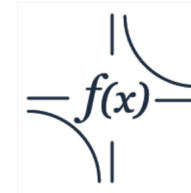
Biology



Chemistry I + Lab



Chemistry II + Lab



College Algebra



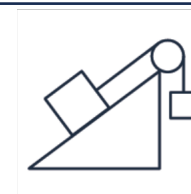
Computer Science



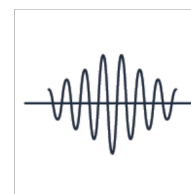
Economics
(Fall or Spring)



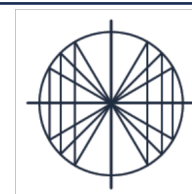
Geoscience



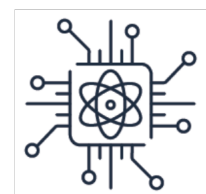
Physics I + Lab



Physics II + Lab



Precalculus



Quantum
Technologies



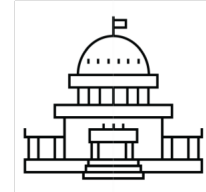
Rhetoric
(Fall + Spring)



Statistics



U.S. History
(Fall + Spring)



U.S. Government
(Fall or Spring)

UT Austin OnRamps

UT Austin OnRamps provides university-level rigor with built-in support systems. Courses offer deeper content exploration and college readiness preparation. All courses are 3-credit hours except for Biology and Chemistry, which are 4-credit hours.

\$149 tuition for all courses except Math (\$75) **\$0 for Free/Reduced Lunch**

English Courses

Composition 1 : ENGL 1301
Grades 11-12 | English 3A/4A credit
Fall semester | \$149

Composition 2 : ENGL 1301
Grades 11-12 | English 3B/4B credit Spring semester | **\$0**

Math Courses

College Algebra : MATH 1314
Grades 11-12 | Prerequisite: Algebra 2 |
Year-long | \$75

Statistics : STATS 1342
Grades 10-12 | Prerequisite: Algebra 2 |
Year-long | \$75

Science Courses

New 2026-2027

Biology + lab BIO 1306/1106
Grades 11-12
Prerequisites:
Biology &
Chemistry
Year-long | \$149

Chemistry+lab CHEM 1311/1111
Grades 11-12
Prerequisites:
Biology &
Chemistry
Year-long | \$149

Physics + lab PHYS 1301/1101
Grades 11-12
Prerequisite:
Algebra 2 | Year-long | \$149

Geoscience GEO 302E
Grades 11-12
Prerequisites:
Biology &
Chemistry
Year-long | \$149

Social Studies Courses

US History 1 : HIST 1301
Grade 11 | Fall semester | \$149

US History 2 : HIST 1302
Grade 11 | Spring semester | \$149

Electives

Computer Science : CS 303E **New 2026-2027**
Grades 11-12 | Prerequisite: Computer Science 2 | Year-long | \$149

OnRamps Student Success Rates

This slide shows the percentage of students who earned college credit among all students in the course. Students earn college credit with a final college grade of D- or above in the college course. Students who withdrew from the course are not included in this data.

<u>OnRamps 2024-2025</u>				
<u>Course</u>	<u>Number enrolled</u>	<u>% of students earning college credit (D- and above)</u>		
College Algebra	77	69%		
Statistics	49	94%		
Biology	60	83%	lab = 68%	
Chemistry	61	84%	lab = 79%	
US History	135	65% fall	72% spring	
	321 indivicual students enrolled in OnRamps out of 701 total students			

Student Enrollment | District Course Offerings

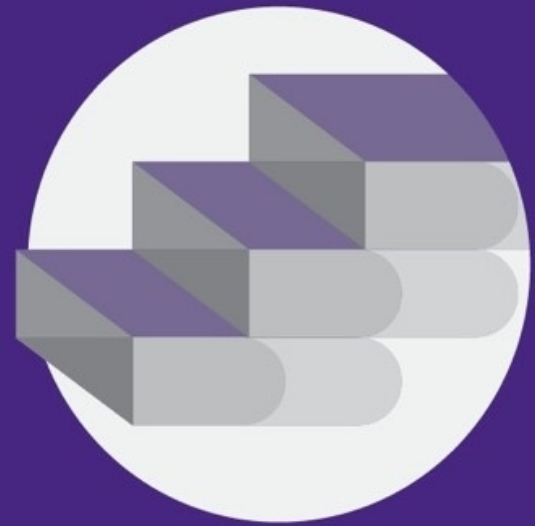
OnRamps courses are intentionally selected to support college credit transferability and applicability. Credit earned with a C- or higher in OnRamps courses with a Core Code designation are guaranteed to transfer to any public higher education institution in Texas. The Texas Common Course Number (TCCN) also facilitates transfer of credit. The following table shows the OnRamps courses offered by your district and the number of student enrollments in each course.

2024-2025

Subject	OnRamps Course Title	Course Code	TCCN	Enrollment
Biology I	Introductory Biology I	BIO 311C	BIOL 1306	60
Biology I Lab	Lab for Introductory Biology I	BIO 106M	BIOL 1106	60
Chemistry I	Principles of Chem I-Lecture	CH 301	CHEM 1311	84
Chemistry I Lab	Intro to Chem Practices I-Lab	CH 104M	CHEM 1111	84
College Algebra	College Algebra	M 301	MATH 1314	84
Statistics	Elementary Statistical Methods	SDS 301	MATH 1342	53
US History (Fall)	United States, 1492-1865	HIS 315K	HIST 1301	140
Total				565

2025-2026

Subject	OnRamps Course Title	UT Austin Course Code	TCCN	Texas Core Code	Enrollment
Biology I	Introductory Biology I	BIO 311C	BIOL 1306	030	51
Biology I Lab	Lab for Introductory Biology I	BIO 106M	BIOL 1106	N/A	51
Chemistry I	Principles of Chem I-Lecture	CH 301	CHEM 1311	030	55
Chemistry I Lab	Intro to Chem Practices I-Lab	CH 104M	CHEM 1111	N/A	55
College Algebra	College Algebra	M 301	MATH 1314	N/A	108
Rhetoric (Fall) (New)	Intro to Rhetoric	RHE 306	ENGL 1301	010	51
Statistics	Elementary Statistical Methods	SDS 301	MATH 1342	020	61
U.S. History (Fall)	United States, 1492-1865	HIS 315K	HIST 1301	060	182
Total					614



TARLETON
TODAY

Tarleton Today Program

A partnership with Tarleton State University offering dual enrollment opportunities for Brewer High School students

Courses Offered for 2025-26 School Year

Core College Courses	High School Course	Length of Course
AGEC 2317 Introduction to Ag Economics (core social & behavioral sciences)	Agribusiness Management & Marketing	Full Year
ANSC 1319 + 1119 General Animal Science (core life & physical sciences)	Advanced Animal Science	Full Year
BIOL 2401 Anatomy and Physiology (core life & physical sciences)	Anatomy and Physiology	Full Year
BUSI 1307 Personal Finance (core social & behavioral science)	Personal Financial Literacy & Economics	One Semester
CHEM 1311 + 1111 College Chemistry I & College Chemistry Laboratory	Chemistry	Full Year
ENGL 1301 Composition I (core component area)	English III (requires co-enrollment with ENGL 2326)	Fall Only
ENGL 1302 Composition II (core component area)	English IV (optional co-enrollment with ENGL 2321)	Fall Only
ENGL 2321 British Literature (core language, philosophy, & culture)	English IV (optional co-enrollment with ENGL 1302)	Spring Only
ENGL 2326 American Literature (core language, philosophy, & culture)	English III (requires co-enrollment with ENGL 1301)	Full Year
GOVT 2305 Federal Government (government core)	United States Government	One Semester
HIST 1301 United States History I (core American history)	US History	Fall Only
HIST 1302 United States History II (core American history)	US History Studies since 1877	Full Year or Spring Only
MATH 1314 College Algebra (core mathematics)	Algebra II or Independent Study of Mathematics	Full Year
MATH 1342 Elementary Statistical Methods (core mathematics)	Statistics and Business Decision Making or Independent Study of Mathematics	Full Year
MATH 2412 Precalculus (core mathematics)	Precalculus or Independent Study of Mathematics	Full Year
MUSI 1306 Music Appreciation (core creative arts)	Music Studies-Music Appreciation I or II	Full Year
PSYC 2301 General Psychology (core social & behavioral sciences)	Psychology	One Semester
Field of Study Courses		
EDUC 1301 Intro to the Teaching Profession	Instructional Practices or Principles of Education and Training	Full Year
EDUC 2301 Introduction to Special Populations	Instructional Practices Practicum in Education and Training	Spring Only
EDUC 2330 Multicultural Responsive Pedagogy	Practicum in Education and Training	Fall Only
HORT 1301 Horticulture	Horticultural Science	Full Year
LDRS 2301 Foundations of Leadership	Offered through Junior ROTC programs only	Full Year

Tarleton Today

Anatomy & Physiology + lab BIOL 2401 **New 2026-2027**

\$150 tuition | Grades 12 | Year-long
Prerequisite: High school Anatomy &
Physiology 4-credit hours

Advanced Animal Science + lab ANSC 1319 / 1119

FREE | Grades 11-12 | Year-long
Lecture and lab for Animal Science
pathway | 4-credit hours

Tarleton Today ANSC 1319 Grades 2024-2025

Students in the Advanced Animal Science course through Tarleton Today are demonstrating strong academic performance

Term	Credit Decison	Final Grade	Letter Grade	Campus
2024-2025	Auto-Accept	80.76	B	BREWER H S
2024-2025	Accept	82.2	B	BREWER H S
2024-2025	Auto-Accept	82.61	B	BREWER H S
2024-2025	Auto-Accept	82.66		BREWER H S
2024-2025	Auto-Accept	88.2	B	BREWER H S
2024-2025	Auto-Accept	90.71	A	BREWER H S
2024-2025	Auto-Accept	90.93	A	BREWER H S
2024-2025	Auto-Accept	92.76	A	BREWER H S
2024-2025	Auto-Accept	93.6	A	BREWER H S

Cost Comparison

College/University	Cost for Three Credit Hours (approximate)	Potential Savings with 12 Dual Credit or Dual Enrollment Credit Hours
Dual Enrollment courses	\$149*	---
Tarrant County College	\$0	\$1,480
University of North Texas	\$1,168	\$4,668
University of Texas at Arlington	\$1,193	\$4,776
Tarleton State University	\$1,038	\$4,152
Texas A & M University	\$1,444	\$5,775

**OnRamps courses are free for students who qualify for free/reduced lunch*

**Tarleton Today Advanced Animal Science is free for all students*

Comparing Advanced Academic Options

DUAL ENROLLMENT

- Two instructors: high school teacher and college professor
- Two separate courses with different grades
- Option to accept or decline college credit
- No testing requirements for enrollment

ADVANCED PLACEMENT

- High school teacher
- High school course with AP exam at end of year
- College credit based on exam score (typically 3+)
- No eligibility requirements to enroll

DUAL CREDIT

- One instructor (college professor or credentialed high school teacher)
- One course, one grade (counts for both high school and college)
- College credit automatically applied to transcript
- Must meet TSI requirements

Conclusion

Advanced Academics courses benefit students, Brewer High School and White Settlement ISD

Student Benefits

- College credit at reduced cost
- Experience with college-level work
- Weighted GPA advantage
- Development of critical skills

School Benefits

- Higher CCMR accountability ratings
- Increased student engagement
- Enhanced academic reputation
- Better prepared graduates

District Benefits

- Stronger college-going culture
- Improved accountability scores
- Community partnerships
- Competitive advantage for students

Testing at Brewer High School 2025-2026



ACT – September 30, 2025 – 417, 12th grade students tested – 24 students scored 25+ out of 36

PSAT 11 – October 28, 2025 – 58, 11th grade students who elected to take it

PSAT 8 - - October 30, 2025 – 501, 8th grade students tested – 23 students scored 1000+ out of 1400

PSAT 10 – March 20, 2026 – All 10th grade students will be tested

SAT – April 2, 2026 – All 11th grade students will be tested

\$ Cost

FREE for all students

Why These Tests Matter

- Supports college readiness and academic planning
- Provides access to college admissions testing at no cost
- Helps students identify strengths and areas for growth

Thank You!

Please contact us with any questions

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