

# **Advanced Academics at Brewer High School**

**Preparing students for success beyond high school through rigorous academic opportunities**

# Presentation Goals



## Review Course Options

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

## 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

<b>Pre-AP Courses</b>	<b>AP Courses</b>
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

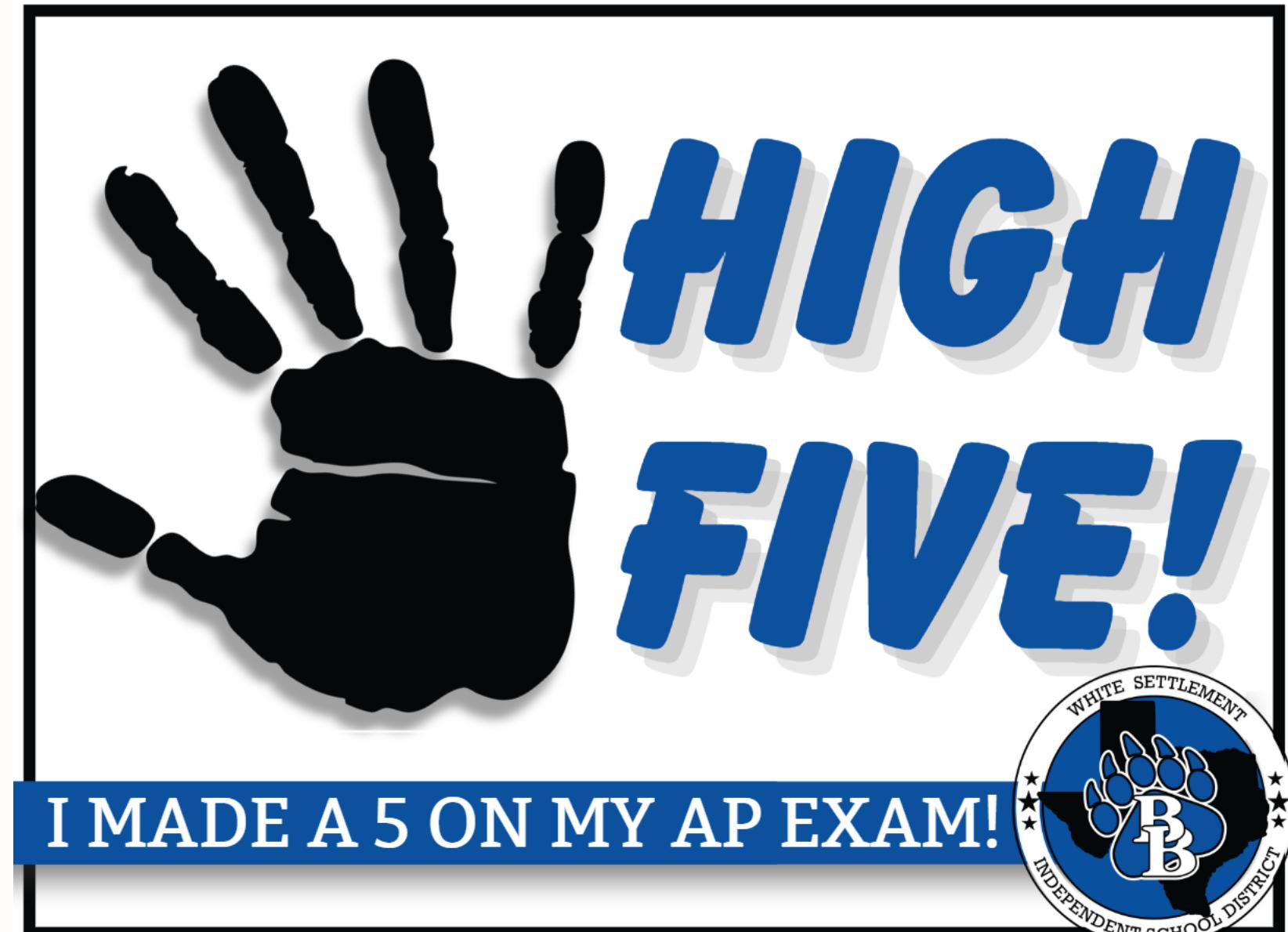
2024-2025 Scores										
AP Exam	# of students enrolled	# of students who took the exam	# of students who earned 3 or above	% of students who earned 3 or above who were enrolled in the course	BHS AP Average score	BHS AP % earning 3 or above	Texas AP average score	Texas AP % earning 3 or above	Global 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.

# 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

### 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**

# Fall 2024 Dual Credit Grades

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

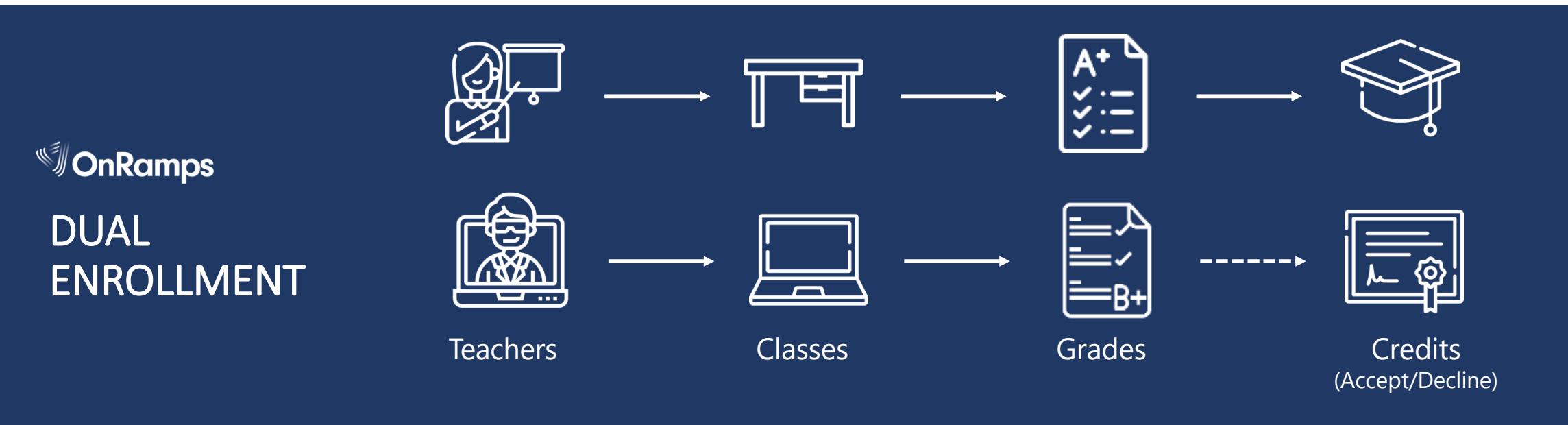
# Fall 2024 Dual Credit Grades

<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**

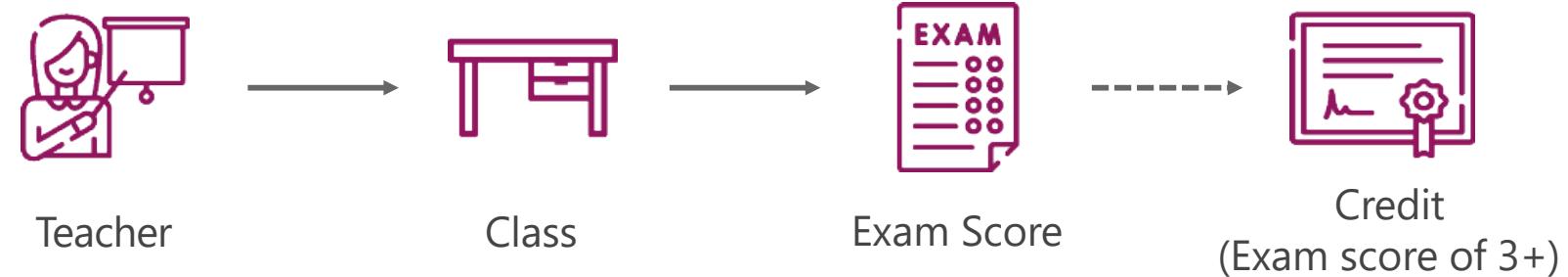
OnRamps is an innovative dual enrollment program that gives high school students the opportunity to earn college credit from The University of Texas at Austin



## DUAL CREDIT



## ADVANCED PLACEMENT



# 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



# 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 individual students enrolled in OnRamps out of 701 total students**

# Student Enrollment | District Course Offerings

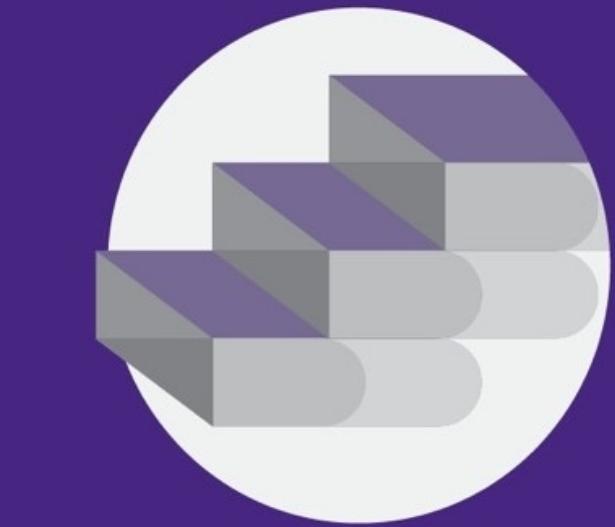
OnRamps courses are intentionally selected to support college credit transferability and applicability. Credit earned with a C- or higher in OnRamps courses with a Core Code designation are guaranteed to transfer to any public higher education institution in Texas. The Texas Common Course Number (TCCN) 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 Decision	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, 12<sup>th</sup> grade students tested – 24 students scored 25+ out of 36

**PSAT 11** – October 28, 2025 – 58, 11<sup>th</sup> grade students who elected to take it

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

**PSAT 10** – March 20, 2026 – All 10<sup>th</sup> grade students will be tested

**SAT** – April 2, 2026 – All 11<sup>th</sup> grade students will be tested

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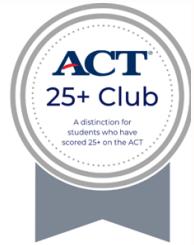
**\$ Cost**

**FREE for all students**

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### **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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