



# CLAYTON-BRADLEY ACADEMY

## *High School Course Catalog*

### Graduation Requirements: Class of 2021 and After

**Mathematics** - 4 credits required. Students must take a Math class every year.

- Integrated Math 1 integrates Algebra 1 and Geometry standards
- Integrated Math 2 integrates Geometry and Algebra 1 & 2 standards
- Integrated Math 3 integrates Algebra 2 and Geometry standards
- Additional classes chosen from Precalculus, Intro to Calculus, Calculus, Statistics or other math electives

**Science** - 4 credits required

- Scientific Reasoning 1 & 2; This two year continuum of courses integrates material from Biology, Chemistry and Physics through the lense of core, scientific practices used in all science disciplines
- Additional classes chosen from a wide array of science offerings

**Humanities** - combines 4 required credits in English and 4 required credits in Social Studies.

- 9th Grade Humanities integrates English 1 with Introduction to Humanities
- 10th Grade Humanities integrates English 2 with Leadership in Civics
- 11th Grade Humanities integrates English 3 with US History
- 12th Grade Humanities integrates English 4 with Economics and World Studies

**Related Content** - 8 credits earned through a diverse set of experiences

- 2 credits World Language
- 1 credit Fine Art
- 1 credit Wellness
- .5 credit PE
- .5 credit Personal Finance
- .5 credit Project Based Learning: This is not a scheduled course, but integrated into core courses.
- .5 credit Research Methods: Students will gain skills to conduct independent research and present findings in a variety of forms to a variety of audiences.
- 1 credit Leadership Experience and Exploration Program (LEEP): Students will participate in a research and internship driven experience designed to explore potential career options.
- 1 credit Senior Capstone Experience comprised of an original research paper, a designed product, a comprehensive portfolio, and a culminating presentation.

**Electives** - 3 credits earned through elective offerings in the following areas

- Fine Arts: credit earned in music, visual, or performance art
- Technology/Engineering: credit earned in pursuit of technology fields
- Math/Science: credit earned above and beyond the required math and science credits
- Humanities: credit earned above and beyond the required humanities credits

**27 credits required to graduate**



# CLAYTON-BRADLEY ACADEMY

## High School Course Catalog

9th Grade

10th Grade

11th Grade

12th Grade

Mathematics

=

4 Credits

Math 1/2

Math 2/3

Math 3/Precalc

4th Math

Science

=

4 Credits

Sci Reason 1

Sci Reason 2

3rd Science

4th Science

Humanities

=

8 Credits

SS 1  
+  
English 1

SS 2  
+  
English 2

SS 3  
+  
English 3

SS 4  
+  
English 4

Related Content Requirements

=

8 Credits

WL 1  
+  
Wellness (.5)  
+  
Fine Arts  
+  
Research (.5)

WL 2  
+  
Wellness (.5)  
+  
LEEP (.5)  
+  
PBL (.5)

LEEP (.5)  
+  
PE (.5)  
+  
Finance (.5)

Senior  
Capstone  
Experience

Electives

=

3 Credits

Fine Arts

Technology/  
Engineering

Math/  
Science

Humanities

Total Required to Graduate

=

27 Credits