

# ATA VIRTUAL



2023 SUMMER SCHOOL  
COURSE CATALOG

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# Introduction

This catalog lists the high school courses offered during the summer at American Leadership Academy. Students should carefully consider the information in this catalog so they can make informed decisions about their course of study while attending ALA Virtual. A Student Services Advisor is available to assist students with course selections and to answer questions about their schedules at each campus. Please be sure to review [graduation requirements](#) *before making course decisions*.

## Definitions

- **Overview:** Summer School courses are offered during the months of June and July, annually. Courses are offered through ALA-Virtual, but may be supported through in person Learning Labs or Learning Center locations. Students may participate in a hybrid Learning Lab/Centers throughout the summer. Attendance at the Learning Lab/Center is not required, however, daily participation in course content through Canvas course IS required.
- **Learning Lab/Learning Center:** Designated Learning Lab/Centers are available throughout the summer and are staffed by ALA Virtual teachers by appointment. Students may choose to work in these learning lab/centers in order to receive ongoing teacher support, consistent internet connection, and instruction from the ALA Virtual teacher.
- **Attendance:** Guardians are responsible for reporting attendance for all summer school activities through the parent portal. Attendance must be reported weekly. Students must participate in online courses **daily** throughout summer school
- **Prerequisites:** Some courses have prerequisite requirements. Students must complete the prerequisites before enrolling in these classes.
- **Credit Recovery:** Students must have previously taken and failed a course in order to take a credit recovery course. The prior grade will be replaced by the credit recovery course grade on the student's transcript.
- **Catalog listings:** Although a course may be listed, it will not be offered unless a sufficient number of students register for the class. ALA reserves the right to add or remove classes at its discretion. It is important that students make thoughtful course selections in the spring pre-registration period because course offerings and teacher assignments are based on spring registration numbers.
- **Transfer Courses:** Acceptance of transfer courses from schools outside ALA is not automatic. Please meet with a Student Services Academic Advisor to determine whether credits will be transferred *before enrolling*.
- **Course Selection:** Parents/students assume the responsibility for course selection. You must consult your graduation plan when selecting your summer school courses to ensure proper course selection. Questions regarding graduation requirements should be directed to student services.

## Course Grading

All courses taught for credit receive a letter grade or a pass/fail option. All course grades are based on the following grading allocations:

Classwork	30%
Assessment	50%
Final Assessment	20%

Percentage Letter Grade point value is listed below.

Percentage	Grade	GPA	GPA Honors
93%-100%	A	4.0	5.0
89.5%-92.9%	A-	3.7	4.7
87%-89.4%	B+	3.3	4.3
83%-86.9%	B	3.0	4.0
79.5%-82.9%	B-	2.7	3.7
77%-79.4%	C+	2.3	3.3
73%-76.9%	C	2.0	3.0
69.5%-72.9%	C-	1.7	2.7
67%-69.4%	D+	1.3	2.3
63%-66.9%	D	1.0	2.0
59.5%-62.9%	D-	0.7	1.7
Below 59.5%	F	0.0	0.0
Withdrawal	W or W/D	0.0	0.0
Pass / Fail	P/F	NA	NA

### Course Credits

One-half unit of credit is granted to students who receive a passing grade in a one-semester course.

## Teacher Qualifications

Teacher résumés for all instructional staff may be viewed upon request at the school front office.

## Accreditation

American Leadership Academy campuses are accredited institutions based upon the standards and assurances of the Cognia (previously AdvancEd) accreditation commission. This accreditation is recognized by all post-secondary institutions.

## Graduation Requirements

ALA students will meet and exceed the academic requirements to ensure they are prepared for the globally competitive workforce and post-secondary education.

American Leadership Academy students will earn four credits in English and math, three credits in social studies and science, one credit in CTE/Fine Arts, one in health/physical education, and at least five elective credits, giving them twenty-two credits required for graduation from ALA. To meet the requirements of admission into a university in the state of Arizona, students are required to earn at least two credits in consecutive courses of a world language. Our school graduation requirements have been determined with the school's mission of creating a path to college as a guide.

American Leadership Academy offers three different diploma tracks for students to choose from. Please see the next page for the graduation requirements of each diploma track.

# Graduation Requirements

## ALA Graduation Diploma

## Arizona University Entrance Diploma

ALA requires 22 credits for graduation. Minimum requirements in the content areas below are as follows:	Arizona University Graduation Requirements differ from high school graduation. Minimum requirements in the content areas below are as follows:
English English I, English II, English III, English IV <span style="float: right;">4 credits</span>	English <span style="float: right;">4 credits</span>
Math Algebra 1, Geometry, Algebra 2, one additional math course <span style="float: right;">4 credits</span>	Math Algebra 1, Geometry, Algebra 2, one additional math course <span style="float: right;">4 credits</span>
Science Biology, Chemistry, Physics <span style="float: right;">3 credits</span>	Science 3 Lab Sciences <span style="float: right;">3 credits</span>
History and Social Sciences World History, American/Arizona History, Economics, Civics/Government <span style="float: right;">3 credits</span>	History and Social Sciences US/AZ History and one other <span style="float: right;">2 credits</span>
Physical Education <span style="float: right;">1 credit</span>	CTE/Fine Arts <span style="float: right;">1 credit</span>
CTE/Fine Arts <span style="float: right;">1 credit</span>	Foreign Language Must be the same language <span style="float: right;">2 credits</span>
Financial Literacy/Entrepreneurship <span style="float: right;">1 credit</span>	<b>Minimum GPA</b> <span style="float: right;"><b>3.0</b></span>
Electives 2.0 Foreign Language credits are required for university entrance <span style="float: right;">5 credits</span>	
<b>Total</b> <span style="float: right;"><b>22 credits</b></span>	

## ALA Honors Diploma

## ALA STEM Diploma

Students who wish to graduate with an honors diploma must: <ul style="list-style-type: none"> <li>● Graduate with a 3.8 cumulative weighted GPA</li> <li>● Complete 8 core classes at an Honors, DE, or AP level</li> </ul>	Students who wish to graduate with a STEM diploma must: <ul style="list-style-type: none"> <li>● Graduate with 3.8 cumulative weighted GPA</li> <li>● Complete 8 core classes at an Honors, DE, or AP level</li> </ul>
English English I, English II, English III, English IV <span style="float: right;">4 credits</span>	English English I, English II, English III, English IV <span style="float: right;">4 credits</span>
Math Algebra 1, Geometry, Algebra 2, one additional math course <span style="float: right;">4 credits</span>	Math Algebra 1, Geometry, Algebra 2, two additional* math courses (One must be from the math department and one can be from <a href="#">Appendix A</a> ) <span style="float: right;">5 credits</span>
Science Biology, Chemistry, Physics, one additional science course <span style="float: right;">4 credits</span>	Science Biology, Chemistry, Physics, two additional* science courses <span style="float: right;">5 credits</span>
History and Social Sciences World History, American/Arizona History, Economics, Civics/Government <span style="float: right;">3 credits</span>	History and Social Sciences World History, American/Arizona History, Economics, Civics/Government <span style="float: right;">3 credits</span>
Physical Education <span style="float: right;">1 credit</span>	Physical Education <span style="float: right;">1 credit</span>
CTE/Fine Arts <span style="float: right;">1 credit</span>	CTE/Fine Arts <span style="float: right;">1 credit</span>
Financial Literacy/Entrepreneurship <span style="float: right;">1 credit</span>	Financial Literacy/Entrepreneurship <span style="float: right;">1 credit</span>
Foreign Language <span style="float: right;">2 credits</span>	Foreign Language <span style="float: right;">2 credits</span>
Electives <span style="float: right;">4 credits</span>	Electives <span style="float: right;">2 credits</span>
<b>Total</b> <span style="float: right;"><b>24 credits</b></span>	<b>Total</b> <span style="float: right;"><b>24 credits</b></span>

*STEM - \*additional 2 science and 1 math classes may include CTE, technology, and STEM-related courses at ALA and/or EVIT. See [Appendix A](#).*

## Suggested Course Progression

Suggestions below demonstrate a typical progression path for each diploma. The progressions are only suggestions and could vary depending on the academic level and credit achievement of a student. The [Student Services Department](#) is a resource in addition to the course catalog to ensure students have the correct courses and credit for graduation.

### Standard Diploma

	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
<b>English</b>	English 7	English 8	English I	English II	English III	English IV
<b>Math</b>	Math 7	Pre-Algebra 8	Algebra 1	Geometry	Algebra 2	College Math
<b>History/Social Studies</b>	History 7	History 8	World History	Entrepreneurship /Financial Lit	US/Arizona History	Economics & Civics
<b>Science</b>	Science 7	Science 8	Biology or Earth Science	Chemistry or Biology	Physics or Chemistry	Elective
<b>Elective</b>	Technology	PE	Fine Art or CTE Elective	Fine Art or CTE Elective	Elective	Elective
<b>Elective</b>	PE	Elective	PE	Elective	Elective	Elective
<b>Elective</b>	Elective	Elective	Elective	Elective	Elective	Elective

### Honors Diploma - 50% of core classes must be honors, DE, or AP; it is not required that ALL be honors

	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
<b>English</b>	English 7 Honors	English 8 Honors	English I Honors	English II Honors	English III Honors	English IV Honors
<b>Math</b>	Pre-Algebra 7 Honors	Algebra 1 Honors	Geometry Honors	Algebra 2 Honors	Pre-Calculus Honors	AP Calculus AB
<b>History/Social Studies</b>	History 7 Honors	History 8 Honors	World History Honors	Entrepreneurship/ Financial Lit	US/Arizona History Honors	Economics & Civics Honors
<b>Science</b>	Science 7 Honors	Science 8 Honors	Biology Honors	Chemistry Honors	AP Physics 1	DE or AP Science course
<b>Elective</b>	Technology	PE	Fine Art or CTE Elective	PE	Elective	Elective
<b>Elective</b>	PE	Elective	World Language	World Language	Elective	Elective
<b>Elective</b>	Elective	Elective	Elective	Elective	Elective	Elective

**STEM Diploma** - *\*English and history courses may be honors, but are not required for this diploma.*

	7th Grade	8th Grade	9th Grade	10th Grade	11th Grade	12th Grade
<b>English</b>	English 7 Honors	English 8 Honors	English I*	English II*	English III*	English IV*
<b>Math</b>	Pre-Algebra 7 Honors	Algebra 1 Honors	Geometry Honors	Algebra 2 Honors	Pre-Calculus Honors	AP Calculus AB
<b>History/Social Studies</b>	History 7*	History 8*	World History*	Entrepreneurship /Financial Lit	US/Arizona History*	Economics & Civics*
<b>Science</b>	Science 7 Honors	Science 8 Honors	Biology Honors	Chemistry Honors	AP Physics 1	Anatomy & Physiology Honors or AP science course
<b>Elective</b>	Technology	PE	Fine Art or CTE Elective	PE	Upper level science course	Upper level science course
<b>Elective</b>	PE	Elective	World Language	World Language	Elective	Upper level math course
<b>Elective</b>	Elective	Elective	Elective	Elective	Elective	Elective

## English Department Courses

Course Format		Course Name
Online	Hybrid	
X	X	<a href="#">English I</a>
X	X	<a href="#">English II</a>
X	X	<a href="#">English III</a>
X	X	<a href="#">English IV</a>
X	X	<a href="#">English I CR</a>
X	X	<a href="#">English II CR</a>
X	X	<a href="#">English III CR</a>

### English I or English I CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
None	None	1.0 English

English I is designed to help students develop an appreciation and aptitude for the study of literature, informational text, and the writing process. Students will study selected nonfiction texts, novels, short stories, poetry, and a Shakespearean play. Vocabulary development and continued work with language arts skills are designed to improve students' reading and writing abilities. This course meets the requirements of the Arizona Language Arts Standards. Students will receive 1.0 English credit upon completion of this two-semester course (0.5 credit each semester).

### English II or English II CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
English I	None	1.0 English

English II will allow students to continue their study of literature and informational text through a close analysis of nonfiction, selected novels, short stories, drama, and poetry, from a variety of global perspectives. Students will continue to practice their organizational, writing, and editing skills through the completion of research, argumentative, and informative essays. This course meets the requirements of the Arizona Language Arts Standards. Students will receive 1.0 English credit upon completion of this two-semester course (0.5 credit each semester).

### English III or English III CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
English II	None	1.0 English

The objectives of the course include developing students' understanding of the history and cultural progress of the American nation through literature. Students will analyze and contextualize the evolution of literature reflective of American literary periods from the Puritan era through modern times by exploring the customs and norms of each period as revealed through unique perspectives from a variety of authors. Students will continue to build on their writing skills by understanding that form is related to function, that meaningful writing requires authors to choose the most effective voice and genre according to their purpose and audience. Students will also express maturity in their writing through a variety of sentence structures and syntactical methods as well as through vocabulary and diction. This course is designed to meet the requirements of the Arizona Language Arts Standards. Students will receive 1.0 English credit upon completion of this two-semester course (0.5 credit each semester).

**English IV**

<b><i>Prerequisites</i></b>	<b><i>Fees</i></b>	<b><i>Credit</i></b>
English III	None	1.0 English

English IV will allow students to further develop their writing and analytical skills while studying British Literature with an emphasis in its Classical origins. The course emphasizes argumentative/persuasive writing, research, and speaking and listening skills. Students should expect to write college level essays, read and analyze literature and informational text that will help prepare them for college and career. This course is designed to meet the requirements of the Arizona Language Arts Standards. Students will receive 1.0 English credit upon completion of this two-semester course (0.5 credit each semester).

## Math Department Courses

Course Format		Course Name
Online	Hybrid	
X	X	<a href="#">Algebra 1</a>
X	X	<a href="#">Geometry</a>
X	X	<a href="#">Algebra 2</a>
X	X	<a href="#">Algebra 1 CR</a>
X	X	<a href="#">Geometry CR</a>
X	X	<a href="#">Algebra 2 CR</a>

### Algebra 1 or Algebra 1 CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
None	None	1.0 Math

Algebra 1 is a first-year high school course and is an extension of the concepts taught in previous math courses. Algebra 1 topics focus on the real number system, quantities, expressions, polynomials, equations, inequalities, functions, similarity, right triangles, and probability. This course was designed to address the requirements of the Arizona Mathematics Content Standards for Algebra 1. Students will receive 1.0 Math credit upon completion of this two-semester course (0.5 credit each semester).

### Geometry or Geometry CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
Algebra 1	None	1.0 Math

Geometry is a second-year math course and an extension of the concepts taught in Algebra 1. Geometry topics focus on quantities, congruence, similarities, transformations, right triangles, circles, geometric properties with equations, measurement, modeling with geometry, and probability. This course was designed to address the requirements of the Arizona Mathematics Content Standards for Geometry. Students will receive 1.0 Math credit upon completion of this two-semester course (0.5 credit each semester).

### Algebra 2 or Algebra 2 CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
Geometry	None	1.0 Math

Algebra 2 is a third-year course and is an extension of the concepts taught in Algebra 1 and Geometry. Algebra 2 topics focus on the complex number system, vector quantities, matrix quantities, structure in expressions, interpreting functions, creating equations/inequalities, reasoning with equations/inequalities, polynomials, congruence, similarity, right triangles, and probability. This course was designed to address the requirements of the Arizona Mathematics Content Standards for Algebra 2. Students will receive 1.0 Math credit upon completion of this two-semester course (0.5 credit each semester).

**College Mathematics**

<i><b>Prerequisites</b></i>	<i><b>Fees</b></i>	<i><b>Credit</b></i>
Algebra 2	None	1.0 Math

The College Mathematics course is a working knowledge of college-level mathematics and its applications to real life problems. There is an emphasis on understanding mathematical concepts and their applications. Topics include set theory, probability, statistics, finance, and geometry. This course is designed to meet the requirements of the Arizona Mathematics Standards for Quantitative Reasoning. Students will receive 1.0 Math credit upon completion of this two-semester course (0.5 credit each semester).

## Science Department Courses

Grade		Course Name
Online	Hybrid	
X		<a href="#">Biology w/lab</a>
X		<a href="#">Earth Science w/lab</a>
X		<a href="#">Chemistry w/lab</a>
X		<a href="#">Physical Science w/lab CR</a>
X		<a href="#">Biology w/lab CR</a>
X		<a href="#">Earth Science w/lab CR</a>
X		<a href="#">Chemistry w/lab CR</a>

### Biology with Lab or Biology with Lab CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
None	None	1.0 Science

This is a lab-oriented course designed to study the major areas of life and living things. Emphasis will be on the major integrating themes of ecosystems, cells, genetics, and theories of evolution. This course is designed to address the requirements of the Arizona Science Content Standards for Life Sciences. Students will receive 1.0 Science credit upon completion of this two-semester course (0.5 credit each semester).

### Earth Science with Lab or Earth Science with Lab CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
None	None	1.0 Science

This course is designed to investigate earth-space concepts in order to develop students' analytical skills and problem-solving techniques. Concepts explored in the course develop foundational knowledge that ensures success in subsequent high school science classes. Emphasis is based on laboratories in which the student is an active participant in the formation of the lab. This course was designed to address the requirements of the Arizona Science Content Standards for Earth Science. Students will receive 1.0 Science credit upon completion of this two-semester course (0.5 credit each semester).

### Chemistry with Lab or Chemistry with Lab CR

<i>Prerequisites</i>	<i>Fees</i>	<i>Credit</i>
None	None	1.0 Science

This is a lab-oriented course emphasizing elements, compounds and mixtures as found in nature. Chemical reactions, basic problems in chemistry and equations are studied in depth. This course was designed to address the requirements of the Arizona Science Content and Plus Standards for Chemistry. Students will receive 1.0 Science credit upon completion of this two-semester course (0.5 credit each semester.)

**Physical Science with Lab CR**

<b><i>Prerequisites</i></b>	<b><i>Fees</i></b>	<b><i>Credit</i></b>
Algebra 2	None	1.0 Science

Introduces students to the use of chemicals, characteristic properties of materials, and simple mechanics to better describe the world and non-living matter. The courses emphasize precise measurements and descriptive analysis of experimental results. Topics covered may include energy and motion, electricity, magnetism, heat, the structure of matter, and how matter reacts to materials and forces. This course focuses on mathematical representation and includes in depth calculations of forces and motion. This course is designed to address the requirements of the Arizona Science Content Standards for Physics. Students will receive 1.0 Science credit upon completion of this two-semester course (0.5 credit each semester).

## History and Social Sciences Department Courses

Course Offerings		Course Name
Online	Hybrid	
X		<a href="#">World History</a>
X		<a href="#">American/Arizona History</a>
X		<a href="#">Economics</a>
X		<a href="#">Civics/Government</a>
X		<a href="#">World History CR</a>
X		<a href="#">American/Arizona History CR</a>

### World History or World History CR

Prerequisites	Fees	Credit
None	None	1.0 Social Science

World History is a required course that explores the key events and global historical developments from the age of discovery to the 21st century. The scope of World History provides the latitude to range widely across all aspects of human experience: economics, science, religion, philosophy, politics and law, military conflict, geography, and the arts. Students will uncover patterns of behavior, identify historical trends and themes, explore historical movements and concepts, and test theories. Additionally, students will refine their ability to read for comprehension and analysis; summarize, categorize, compare, and evaluate information; write clearly and convincingly; express facts and opinions orally; and use technology appropriately to research, write, and present information. This course is designed to meet the requirements of the Arizona History and Social Science Content Standards. Students will receive 1.0 History/Social Science credit upon completion of this two-semester course (0.5 credit each semester).

### American/Arizona History or American/Arizona History CR

Prerequisites	Fees	Credit
None	None	1.0 Social Science

This course provides a survey of American history from the emergence of the first North American civilizations to the present day. The concepts of critical thinking and analysis introduced in earlier grades will allow students to assess how and why America has come to exist as a nation and global power. Students will also work to develop their ability to communicate clearly and convincingly; express facts and opinions orally; and use technology to research, write, and present information. This course is designed to meet the requirements of the Arizona History and Social Science Content Standards. Students will receive 1.0 History/Social Science credit upon completion of this two-semester course (0.5 credit each semester).

### Economics

Prerequisites	Fees	Credit
None	None	1.0 Economics

This course provides a one-semester study of Economics in which students learn the fundamental concepts of micro-, macro-, and international economics. The students will develop economic reasoning skills to apply basic economic concepts, assess problems, and make choices. Students will also have an opportunity to evaluate the choices of others as consumers, workers, and citizens participating in local, national, and global economics. This course is designed to meet the requirements of the Arizona History and Social Science Content Standards. Students will receive 0.5 Economics credit upon completion of this semester course.

**Civics/Government**

<b><i>Prerequisites</i></b>	<b><i>Fees</i></b>	<b><i>Credit</i></b>
None	None	1.0 Civics

This course provides a one-semester study of Civics and Government in which students are introduced to the fundamental tools utilized by political scientists to study the processes and outcomes of politics in a variety of national and international settings. Students will examine comparative politics (themes and generalizations), gain background knowledge of international political systems and governments, and compare and contrast global political systems. Additionally, students will analyze the American Constitution assessing what it means to be a citizen participating in the American Democratic system. This course is designed to meet the requirements of the Arizona History and Social Science Content Standards. Students will receive 0.5 Civics credit upon completion of this semester course.