



**APPLIED TECHNOLOGIES**  
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**7-8 JUNIOR HIGH  
COURSE CATALOG**  
2025 - 2026

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# Introduction

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

## Definitions

- **Honors Courses:** All Students will be eligible to enter honors courses with teacher and/or parent approval. All Honors placement is subject to administrative approval. Honors courses receive a weighted grade based on a 5.0 scale.
  - o Honors courses are designed to provide acceleration and enrichment. The pace is designed to challenge students and provide exploration and discovery at greater depth. Consider student capacity and desire when making course selections.
- **Gifted Testing:** A student may be referred to the gifted program by parents, teachers, or Administration. Students who score in the 97<sup>th</sup> percentile on the COGAT test will be eligible for gifted curriculum which may include Honors and/or AP courses. The COGAT test is given once yearly. State testing, psychoeducational evaluations, and other assessments may also be used in consideration for gifted placement.
- **Continuous Improvement:** The purpose of continuous improvement is to reduce the need for credit retrieval, mitigate failure, and increase mastery. Students will be given multiple opportunities to demonstrate mastery of all state standards for each class, recognizing that students learn at different rates and times.
- **Prerequisites or Requirements:** Some courses have prerequisite requirements. Students must complete the prerequisites or requirements before enrolling in these classes.
- **Catalog Listings:** Although a course is listed, it will not be offered unless a sufficient number of students register for the class. ALA reserves the right to add and 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 Advisor to determine whether credits will be transferred *before enrolling*.
- **Course Fees:** Course fees are due prior to the first day of class and can be paid in your [Infinite Campus account](#) or in person at the front office of your campus. **Course fees are assessed PER SEMESTER.**
- **Minimum Course Load:** Seventh and Eighth graders are required to enroll in a minimum of six (6) credit-bearing courses at ALA. Students should review credits with a Student Services Advisor to ensure they are on track to meet all graduation requirements.

## 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	20%
Homework	10%
Assessment	50%
Final Assessment	20%

Percentage Letter Grade point value is listed below. Honors and AP courses are weighted based on the Honors category.

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 unit of credit is granted to students who receive a passing grade in a course that meets for one period during the entire academic year. One-half unit of credit is granted to students who receive a passing grade in a one-semester course.

### Continuous Improvement and Assessment Retakes

- All students are provided multiple opportunities to demonstrate proficiency in each course, recognizing that students learn at different rates and times. Assessment retakes are required for any item in the 50% Assessment Category (unit exams, chapter tests, timed writes, essential tasks, quizzes) for students who score below 70%. Students who score above 70% on assessments may retake all or

portions of that exam as determined by the teacher to demonstrate proficiency. Assessment grades will be based on the highest assessment score achieved by the student.

- For a student to retake a specific assessment, either in whole or in part, the student needs to demonstrate readiness through additional practice as determined by the teacher. Students will work with the teacher to schedule a time to retake the assessment at a time that will best meet the needs of both the teacher and student such as during class, before or after school, or during lunch.
- Retakes must be completed before the end of the current quarter unless approved by the teacher. Retakes are only authorized for formal assessments (unit exams, chapter tests, essential tasks). Retakes are not eligible for State Assessments.

## Program Planning

All students, in consultation with their families, must develop a two year plan to prepare them to enter high school. To assist with this planning, review the [requirements chart](#) provided in this catalog that lists the course requirements for junior high completion and high school graduation. Students with an IEP are required to complete the course of study as prescribed in their Individual Education Plan (IEP).

### Schedule Changes

**Please make your pre-registration choices well. If you do not choose your electives, they will be chosen for you.** Elective choices are not guaranteed. Any schedule changes should be completed prior to the first day of the semester. Class changes may only be considered by filling out a Class Request Change Form obtained from your Academic Advisor, must be signed by a parent/guardian, and change must take place within the first 10 days of the semester. After this time, administrative approval will be required. ***Not all schedule changes can be honored due to scheduling conflicts.***

### Schedules will only be changed for the following reasons:

- Missing courses required for graduation
- Incorrect course placement
- Open period in the schedule
- Duplication of a class
- Lacking prerequisite
- Unsuccessful completion of an accredited course
- Successful completion of an accredited course prior to the beginning of the current semester (i.e. summer school)
- Documented health reasons

Approved withdrawals from courses will be posted on the student's transcript according to the following timeline:

- Schedule changes made within the first ten (10) days of the semester will not be reflected on the transcript.
- Withdrawals made on the eleventh (11<sup>th</sup>) day through the end of the quarter of each semester will be posted with a "W/F". *Receiving a "W/F" will result in a "0" being factored into a student's GPA.*
- *A "W/F" will make the student ineligible to participate in AIA sponsored activities for the remainder of the semester.*
- No withdrawals are permitted within the second quarter of the semester.
- Modifications to this process may be reviewed on an individual basis with the student, parent, Academic Advisor, and administrator.

## Education and Career Action Plan

On February 25, 2008 the Arizona State Board of Education approved Education and Career Action Plans (ECAP) for all Arizona students grades 9-12 (R7-2-302.05). Effective for the graduating class of 2013 and beyond, schools must complete an Arizona Education and Career Action Plan for every student in grades 9-12. An ECAP reflects a student's high school plan of coursework, career aspirations, and extended learning opportunities in order to develop the student's individual academic and career goals. [ECAP forms can be found in Infinite Campus](#). All eighth graders will work with their Student Services Advisor to begin developing their ECAP form.

## New Students

New students to ALA in grades 7 & 8 must provide proof of the successful completion of the previous grade level to be placed in the correct grade level upon enrollment. Proof can be provided by the end-of-year report card or other documents provided by the previous school.

## Junior High School Transfer Credit

High school course credit will be given to junior high school students that have previously taken and passed Algebra 1, and/or Geometry. Students who complete High School level foreign language in Junior High may qualify for one High School foreign language credit by completing the course with a passing grade of C or above and passing the final exam with at least 80%. High school transcripts will reflect the credit and the grade earned by the student. The grade earned by junior high students will be calculated in the student's high school GPA. Any other coursework taken at the Jr. High may be reviewed for application toward high school credit.

## Assessments

### State Assessments

Students enrolled in public education in Arizona are required by state law to participate in state assessments. Students in grades 7 and 8 will participate in AASA reading, writing, and math, as identified by the state of Arizona. Students in grade 8 will also participate in AzSci for the state science assessment, as identified by the state of Arizona. Alternate assessments may be given based on a student's eligibility. The American Civics Act requires high school students to correctly answer at least 60 out of 100 questions on the state-mandated civics exam to receive a high school diploma. Beginning with the *class of 2026*, students will be required to correctly answer at least 70 out of 100 questions on the state-mandated civics exam to receive a high school diploma. Students will be tested during their **8th-grade year**. Any student who does not pass the assessment in the eighth grade will be given opportunities to re-test in high school. Students will be afforded as many opportunities as necessary to take the exam to receive a passing score.

## Attendance Requirements

Since regular attendance is crucial for academic success, students must be in attendance daily. School attendance is the responsibility of the student and their family. Please review the attendance/tardiness policy listed in the [ALA Parent Student Handbook](#) for additional information.

- Failure to meet the attendance policy standards may lead to withholding of credit for that class. Cases involving prolonged illness or unusual circumstances will be reviewed by the school administration. Additional documentation may be requested.
- Teachers are responsible for recording daily attendance and tardiness.
- Students are responsible for making up missed work.

## Student Fees

Fees for transportation, extra-curricular activities, courses, and athletics will be collected prior to participation in the course, event, or activity. Please check the fee schedule or current course catalog for

more information on fees. Fees may be paid by cash, check, or online through the [Infinite Campus Parent Portal](#). Failure to pay may result in removal from the program, course, or activity.

## **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.



# Junior High Completion Requirements

## ALA Junior High Completion Requirements

ALA requires 14 credits for junior high completion. Minimum requirements in the content areas below are as follows:

English English 7, English 8	2 credits
Math Math 7, Pre-Algebra OR Pre-Algebra Honors, Algebra 1	2 credits
Science Science 7, Science 8	2 credits
History and Social Sciences History 7, History 8	2 credits
Physical Education	2 credits
Technology	1 credit
Electives	3 credits
<b>Total</b>	<b>14 credits</b>

## ALA High School Graduation Requirements

ALA requires 22 credits for graduation. Minimum requirements in the content areas below are as follows:

English English I, English II, English III, English IV	4 credits
Math Algebra 1, Geometry, Algebra 2, one additional math course	4 credits
Science Biology, Chemistry, Physics	3 credits
History and Social Sciences World History, American/Arizona History, Economics, Civics/Government	3 credits
Physical Education	1 credit
CTE/Fine Arts	1 credit
Financial Literacy/Entrepreneurship	1 credit
Electives 2.0 Foreign Language credits are required for university entrance	5 credits
<b>Total</b>	<b>22 credits</b>

## Suggested Course Progression

Suggestions below demonstrate a typical progression path for each junior high completion track. 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 credits for graduation.

### Standard track

	7th Grade	8th Grade
English	English 7	English 8
Math	Math 7	Pre-Algebra 8
History/Social Studies	History 7	History 8
Science	Science 7	Science 8
Elective	Technology	College & Career Readiness
Elective	PE	Elective
Elective	Elective	Elective

### Honors track

	7th Grade	8th Grade
English	English 7 Honors	English 8 Honors
Math	Pre-Algebra 7 Honors	Algebra 1 Honors
History/Social Studies	History 7 Honors	History 8 Honors
Science	Science 7 Honors	Science 8 Honors
Elective	Technology	College & Career Readiness
Elective	PE	Elective
Elective	Elective	Elective

## Core Courses at a Glance

Grade		Course Name	School	
7	8		AT	ALAV
X		<a href="#">English 7</a>	X	X
X		<a href="#">English 7 Honors</a>	X	X
	X	<a href="#">English 8</a>	X	X
	X	<a href="#">English 8 Honors</a>	X	X
X		<a href="#">Math 7</a>	X	X
X		<a href="#">Pre-Algebra Honors</a>	X	X
X	X	<a href="#">Algebra 1 Honors</a>	X	X
	X	<a href="#">Algebra 1</a>	X	X
	X	<a href="#">Pre-Algebra</a>	X	X
	X	<a href="#">Geometry Honors</a>	X	X
X		<a href="#">Science 7</a>	X	X
X		<a href="#">Science 7 Honors</a>	X	X
	X	<a href="#">Science 8</a>	X	X
	X	<a href="#">Science 8 Honors</a>	X	X
X		<a href="#">History 7</a>	X	X
X		<a href="#">History 7 Honors</a>	X	X
	X	<a href="#">History 8</a>	X	X
	X	<a href="#">History 8 Honors</a>	X	X
X	X	<a href="#">Success Lab</a>	X	X

## English 7

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 English

English 7 emphasizes essential reading, writing, and speaking and listening skills. Students in this course will study composition techniques, literary analysis, spelling, vocabulary acquisition, and basic grammar. Literary genres include: short stories, novels, poetry, and nonfiction selections. In addition, study skills and leadership are taught to ensure the success of students across the curriculum. 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 7 Honors

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors English

English 7 Honors emphasizes an in-depth study of reading, writing, and speaking and listening skills. Students in this course will study composition techniques, literary analysis, spelling, vocabulary acquisition, and grammar at both a rigorous pace and depth. Literary genres include: short stories, novels, poetry, and nonfiction selections. In addition, study skills and leadership are taught to ensure the success of students across the curriculum. This course is designed to meet the requirements of the Arizona Language Arts Standards. *Students will receive 1.0 Honors English credit upon completion of this two-semester course (0.5 credit each semester).*

## English 8

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 English

English 8 involves the study of composition skills, as well as short stories, novels, informational text, and poetry. This course will build on student's prior knowledge of grammar, vocabulary, word usage, speaking and listening, and the mechanics of writing to develop their critical thinking and writing skills. Composition instruction includes but is not limited to narratives, poetry, research and argumentative essays. This course will also expose students to the writing process as it applies to literature and informational text. Students will follow MLA formatting and ADE rubrics to develop their academic writing skills. 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 8 Honors

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors English

English 8 Honors involves the in-depth and rigorous study of composition skills, as well as short stories, novels, informational texts, and poetry at an accelerated pace. This course will build on student's prior knowledge of grammar, vocabulary, word usage, speaking and listening, and the mechanics of writing to develop and deepen their critical thinking and writing skills. Composition instruction includes but is not limited to narratives, poetry, research and argumentative essays. This course will also expose students to the writing process as it applies to literature and informational texts. Students will follow MLA formatting and ADE rubrics to develop their academic writing skills. 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 7

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 Math

Math 7 builds on the foundations of Grade 6 Math and teaches students to develop an understanding of proportional relationships, operations with rational numbers and work with expressions, inequalities and linear equations. This course is designed to meet the requirements of the Arizona Math Content Standards. *Students will receive 1.0 Math credit upon completion of this two-semester course (0.5 credit each semester).*

## Pre-Algebra Honors

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors Math

The Pre-algebra course is an extension of the concepts taught in previous math courses. This course will emphasize the application of pre-algebraic concepts to prepare for advanced high school math courses. Honors students will develop an understanding of irrational numbers, solve linear equations, linear inequalities, and systems of linear equations. This course is designed to meet the requirements of the Arizona Math Content Standards. *Students will receive 1.0 Honors Math credit upon completion of this two-semester course (0.5 credit each semester).*

## Algebra 1 Honors (High School Course)

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors HS Math

Algebra 1 Honors is a high school level course offered to accelerated junior high students. Topics include solving equations and systems, linear and nonlinear relationships, quadratic functions and linear models. This course is designed to meet the requirements of the Arizona Math Content Standards for Algebra 1. Seventh grade students in Algebra 1 Honors will still be required to take the 7th grade AASA assessment. *Students will receive 1.0 Honors High School Math credit upon completion of this two-semester course (0.5 credit each semester).*

## Algebra 1 (High School Course)

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 HS 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. Students may be required to take a Success Lab course based on AzMerit proficiency. This course was designed to address the requirements of the Arizona Mathematics Content Standards for Algebra 1. *Students will receive 1.0 High School Math credit upon completion of this two-semester course (0.5 credit each semester).*

## Pre-Algebra

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 Math

The Pre-algebra course is an extension of the concepts taught in previous math courses. This course will emphasize the application of pre-algebraic concepts to prepare for advanced high school math courses. Students will develop an understanding of irrational numbers, expressions and equations, and the concept of a function. This course is

designed to meet the requirements of the Arizona Math Content Standards. *Students will receive 1.0 Math credit upon completion of this two-semester course (0.5 credit each semester).*

### Geometry Honors (High School Course)

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors HS Math

Geometry Honors includes all topics covered in Geometry. Additionally, Honors Geometry students will apply trigonometry to general triangles, explain volume formulas, understand and apply theorems about circles, translate descriptions and equations for conic sections, and use Cavalieri's principle to solve volume problems. This course was designed to address the requirements of the Arizona Mathematics Content and Plus Standards for Geometry. *Students will receive 1.0 Honors **High School Math** credit upon completion of this two-semester course (0.5 credit each semester).*

### Success Lab

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 Elective

The Success Lab provides students with individualized math and ELA support using research-based adaptive software. The goal of the course is to ensure mastery of foundational math and ELA skills so that students are equipped for college and career. Students enter and exit the lab based upon data from the mathematics and ELA statewide assessment. Students will receive 1.0 Elective credit upon completion of this two-semester course (0.5 credit each semester)

### Science 7

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 Science

Students will explore science concepts using an inquiry-based approach with emphasis on the skills of observation and hypothesis generation, scientific testing, and analysis and interpretation of scientific data. Topics will include science and technology in society, living systems and ecosystems, diversity, adaptation and behavior, matter, motion, forces and energy, and the processes of the earth. Topics will include a study of the historical and social perspective. This course was designed to address the requirements of the Arizona Science Content Standards. *Students will receive 1.0 Science credit upon completion of this two-semester course (0.5 credit each semester).*

### Science 7 Honors

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors Science

Students will explore science concepts using an inquiry-based approach with emphasis on the skills of observation and hypothesis generation, scientific testing, and analysis and interpretation of scientific data. Topics will include science and technology in society, living systems and ecosystems, diversity, adaptation and behavior, matter, motion, forces and energy, and the processes of the earth. Topics will include a study of the historical and social perspective. Honors students will enhance their understanding through exploratory labs and analysis of scientific information for the purpose of proving phenomena in the world around them. This course was designed to address the requirements of the Arizona Science Content Standards. *Students will receive 1.0 Honors Science credit upon completion of this two-semester course (0.5 credit each semester).*

## Science 8

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 Science

Students will explore science concepts using an inquiry-based approach with emphasis on the skills of observation and hypothesis generation, scientific testing, and analysis and interpretation of scientific data. Integrated topics will include reproduction and heredity; diversity, adaptation and behavior; properties and changes of properties in matter; and motion and forces. Topics will include a study of the historical and social perspective. This course was designed to address the requirements of the Arizona Science Content Standards. *Students will receive 1.0 Science credit upon completion of this two-semester course (0.5 credit each semester).*

## Science 8 Honors

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors Science

Students will explore science concepts using an inquiry-based approach with emphasis on the skills of observation and hypothesis generation, scientific testing, and analysis and interpretation of scientific data. Integrated topics will include reproduction and heredity; diversity, adaptation and behavior; properties and changes of properties in matter; and motion and forces. Topics will include a study of the historical and social perspective. Honors students will apply their knowledge of forces and motion through the study of circuits in preparation for Physics Honors. This course was designed to address the requirements of the Arizona Science Content Standards. *Students will receive 1.0 Honors Science credit upon completion of this two-semester course (0.5 credit each semester).*

## History 7

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 History

The seventh-grade history and social science course is designed to introduce students to the study of the interconnected global world through an analysis of major political, social, cultural, economic, and geographic events. Students will begin their course of study in the 17th century with the advent of new approaches to learning and thinking. This focus on new ideas and change will allow students to connect how events in one part of the world can dramatically impact and shape other parts of the globe, leading to the creation of new political systems, conflict and global warfare, and the emergence of the 21st century era of globalization. Students will be introduced to numerous literary sources both primary and secondary to develop their ability to think critically, research and write. This course was designed to address 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).*

## History 7 Honors

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors History

The seventh-grade history and social science course is designed to introduce students to the study of the interconnected global world through an analysis of major political, social, cultural, economic, and geographic events. Students will begin their course of study in the 17th century with the advent of new approaches to learning and thinking. This focus on new ideas and change will allow students to assess how events in one part of the world can dramatically impact and shape other parts of the globe, leading to the creation of new political systems, conflict

and warfare, and the emergence of the 21st-century era of globalization. Students will be introduced to numerous literary sources both primary and secondary to develop their ability to analyze, research, and write. The pace and rigor of this course are increased to allow students to develop as advanced learners and critical thinkers. This course was designed to address the requirements of the Arizona History and Social Science Content Standards. *Students will receive 1.0 Honors History/Social Science credit upon completion of this two-semester course (0.5 credit each semester).*

## History 8

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 History

The eighth-grade history and social science course provides students with the ability to make connections between historical and current events, identifying how and why change occurs. Students will examine the relationship between historic events, people, new ideas, and beliefs through the lens of United States history and civic engagement. Students will begin the course by exploring the philosophical antecedents upon which the US is based through primary source analysis, research, debate, and writing. Students will continue their course of study evaluating the application of American constitutional principles to modern society. Additionally, students will evaluate how humans have shaped both the political and environmental landscape. This course was designed to address 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).*

## History 8 Honors

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Teacher and/or Parent approval	None	1.0 Honors History

The eighth-grade history and social science course provides students with the ability to make connections between historical and current events, identifying how and why change occurs. Students will examine the relationship between historic events, people, new ideas, and beliefs through the lens of United States history and civic engagement. Students will begin the course by exploring the philosophical antecedents upon which the US is based through primary source analysis, research, debate, and writing. Students will continue their course of study evaluating the application of American constitutional principles to modern society. Students will also evaluate how humans have shaped both the political and environmental landscape. Additional independent work and depth of rigor are utilized to prepare students for their upcoming enrollment in high school Honors courses. This course was designed to address the requirements of the Arizona History and Social Science Content Standards. *Students will receive 1.0 Honors History/Social Science credit upon completion of this two-semester course (0.5 credit each semester).*



## Electives

Grade		Course Name	School	
7	8		AT	ALAV
Fine Arts				
X	X	<a href="#">JH Choir I</a>	X	
X	X	<a href="#">JH Art I</a>	X	X
	X	<a href="#">JH Art II</a>	X	
Languages				
X	X	<a href="#">American Sign Language 1</a>	X	X
X	X	<a href="#">Spanish 1</a>	X	X
Physical Education				
X	X	<a href="#">JH PE I</a>	X	X
X	X	<a href="#">JH PE II</a>	X	X
Leadership				
X	X	<a href="#">JH Student Government</a>	X	
X	X	<a href="#">JH Yearbook</a>	X	
X	X	<a href="#">National Defense Corps of Cadets I</a>	X	
	X	<a href="#">National Defense Corps of Cadets II</a>	X	
Technology				
X		<a href="#">JH Technology I</a> (Required)	X	X
	X	<a href="#">JH Technology II</a>	X	X
X	X	<a href="#">JH Gaming Careers and Esports</a>	X	
X	X	<a href="#">JH Robotics</a>	X	
College & Career Preparation				
	X	<a href="#">JH College &amp; Career Readiness (Required)</a>	X	

Academy Electives				
X	X	<a href="#">JH Construction</a>	X	
X	X	<a href="#">JH Cosmetology</a>	X	
X	X	<a href="#">JH Culinary</a>	X	
X	X	<a href="#">JH Mechanics</a>	X	
X	X	<a href="#">JH Education</a>	X	
	X	<a href="#">JH Aviation Mechanics</a>	X	

\*Fees are assessed per semester and do not include uniform or performance attire.

### JH Choir I

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
Performance attire	\$25/semester	1.0 Elective

JH Choir I is an introduction to the art of choral singing, including fundamental techniques of voice production, breathing, phrasing, interpretation, and harmonization. This course will also explore introductory studies in music theory and history providing a good foundation for the beginner or intermediate musician to be able to comfortably move on to high school level music courses. Performances will provide an opportunity to demonstrate growth and participation is required. Performance attire is required. This course meets the requirements of Arizona's Academic Standards in the Arts. *Students will receive 1.0 Elective credit upon completion of this two-semester course (0.5 credit each semester).*

### JH Art I

<b>Prerequisites or Requirements or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	\$25/semester	1.0 Elective

This year-long course is an introduction to the elements of art, principles of design, and art critique. The students will further apply these concepts to the visual art forms of drawing, painting, sculpture, and expand into the additional forms of textiles, ceramics, printmaking, decorative arts, photography, mixed media, illustration and graphic arts. Class projects will include learning the proper use of additional art media, the history of each art form, and the study of the application of different art forms in society. This course meets the requirements of Arizona's Academic Standards in the Arts. *Students will receive 1.0 Elective credit upon completion of this two-semester course (0.5 credit each semester).*

### JH Art II

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
JH Art I	\$25/semester	1.0 Elective

This year-long course will continue the study of the Elements of Art, Principles of Design, and Art Critique. The students will further apply these concepts to the visual art forms of drawing, painting, sculpture, and expand into the additional forms of textiles, ceramics, printmaking, decorative arts, photography, mixed media, illustration, and graphic arts. Class projects will include learning the proper use of additional art media, the history of each art form,

and the study of the application of different art forms in society. This course meets the requirements of Arizona's Academic Standards in the Arts. *Students will receive 1.0 Elective credit upon completion of this two-semester course (0.5 credit each semester).*

### American Sign Language 1

<i><b>Prerequisites or Requirements</b></i>	<i><b>Fees</b></i>	<i><b>Credit</b></i>
None	None	1.0 Foreign Language or Elective

This is an introductory class focusing on beginning conversational skills. The course is based on a natural acquisition approach to language education. The class focuses on developing basic knowledge of and beginning skills in the conversational use of American Sign Language. This course is designed to meet the requirements of the world and native language standards. *Students will receive 1.0 Foreign Language or Elective credit upon completion of this two-semester course (0.5 credit each semester).*

### Spanish 1

<i><b>Prerequisites or Requirements</b></i>	<i><b>Fees</b></i>	<i><b>Credit</b></i>
None	None	1.0 Foreign Language or Elective

This course is an introduction to the language and culture. In Spanish 1 the student learns vocabulary and grammar through listening, speaking, reading and writing. Emphasis is on listening and reading comprehension and simple conversational skills through role-playing, skits, and other interactive methods. **This class is not designed for native speakers.** This course meets the requirements of Arizona World and Native Language Content Standards. *Students will receive 1.0 High School Foreign Language or Elective Credit upon completion of this two-semester course (0.5 credit each semester).*

### JH Student Government

<i><b>Prerequisites or Requirements</b></i>	<i><b>Fees</b></i>	<i><b>Credit</b></i>
Election & After-school activities	\$25/semester	1.0 Elective

This course is for activities related to student government and leadership. This course may be repeated in the fall of the following school year. Elections will be held for this class. *Students will receive 1.0 Elective Credit upon completion of this two-semester course (0.5 credit each semester).*

### JH Yearbook

<i><b>Prerequisites or Requirements</b></i>	<i><b>Fees</b></i>	<i><b>Credit</b></i>
Teacher Approval	\$25/semester	1.0 Elective

Members of this class will produce the school yearbook. This will include all planning, writing, photography, and page design for the book, as well as supervising its distribution. Students should have a background in writing, photography, computers, and graphic design. There is after-school, evening, and weekend work. This class may be repeated for credit. This course meets the requirements of Arizona Technology Content Standards. *Students will receive 1.0 Elective Credit upon completion of this two-semester course (0.5 credit each semester).*

### National Defense Corps of Cadets I

<b>Prerequisites</b>	<b>Fees</b>	<b>Credit</b>
<b>None</b>	<b>None</b>	<b>1.0 Elective</b>

In this course, students will study ethics, citizenship, communications, leadership, life skills, character education, and service learning to prepare them for their future as adults. The curriculum is supplied by the U.S. Army as well as all forms and regulations which are required to complete the program. Students will receive 1.0 Elective credit upon completion of this two-semester course (0.5 credit each semester).

### **National Defense Corps of Cadets II**

<b>Prerequisites</b>	<b>Fees</b>	<b>Credit</b>
<b>None</b>	<b>None</b>	<b>1.0 Elective</b>

In this course, students will expand upon National Defense Corps of Cadets I. Students will study ethics, citizenship, communications, leadership, life skills, character education, and service learning to prepare them for their future as adults. The curriculum is supplied by the U.S. Army as well as all forms and regulations that are required to complete the program. Students will receive 1.0 Elective credit upon completion of this two-semester course (0.5 credit each semester).

### **JH PE I**

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
PE Attire & a lock	None	1.0 PE or Elective

This course offers students a foundation in physical education by exposing them to a variety of individual and team sports. A strong emphasis on lifetime sports is stressed. Students are required to be in full uniform or approved PE attire. This course meets the requirements of Arizona Physical Education Content Standards. *Students will receive 1.0 Physical Education or Elective credit upon completion of this two-semester course (0.5 credit each semester).*

### **JH PE II**

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
PE Attire & a lock	None	1.0 PE or Elective

This is an athletics survey course that focuses on the skills and conditioning needed to effectively participate in athletics at a high level. The course will introduce students to a variety of sports, rules associated with those sports, basic strategies, and basic principles of safe and effective conditioning. This course meets the requirements of Arizona Physical Education Content Standards. *Students will receive 1.0 Physical Education or Elective credit upon completion of this two-semester course (0.5 credit each semester).*

### **JH Technology I**

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 Technology or Elective

In this required course, students will learn the fundamentals of keyboarding as well as all aspects of MS Office software applications. An overview and history of the Internet and its resources along with various Internet communication, resource discovery, and information retrieval tools will be taught. Beginning HTML and CSS programming as an introduction to markups and layout design. Students will also explore careers in different career areas and examine how to choose a career, based on their unique personalities and interests. This course meets the

requirements of Arizona Technology Content Standards. *Students will receive 1.0 Technology or Elective credit upon completion of this two-semester course (0.5 credit each semester).*

## JH Technology II

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
JH Technology I	None	1.0 Technology or Elective

Students will focus on the ways that computing can help solve problems using JavaScript programming to build apps, animations and games, HTML and CSS to build websites, and basic logic and data analysis. This course is designed to help students nurture creativity and problem-solving skills and prepare students for a future in any field. The class focuses on engaging students in computer science through creativity, communication and problem-solving. This course meets the requirements of Arizona Technology Content Standards. *Students will receive 1.0 Technology or Elective Credit upon completion of this two-semester course (0.5 credit each semester).*

## JH Gaming Careers and Esports

<b>Prerequisites</b>	<b>Fees</b>	<b>Credit</b>
Enrollment in Esports	None	.5 Elective

This semester-long class is designed as an introductory program tailored for students aspiring to venture into the realm of gaming careers and Esports. Developed for our Esports team members, the course serves as a comprehensive exploration of potential career paths within the gaming industry. It goes beyond the scope of traditional computer science or video game programming courses, providing students with exposure to diverse and often overlooked career opportunities. In addition to academic content, the course emphasizes the importance of incorporating healthy practices into the gaming and Esports lifestyle. It encourages students to maintain a balance between their passion for gaming and well-being. The course emphasizes the significance of physical activity and overall health (some exercise will be required). Students will receive .5 Elective credit upon completion of this single-semester course (0.5 credit each semester).

## JH Robotics

<b>Prerequisites</b>	<b>Fees</b>	<b>Credit</b>
None	\$25/semester	1.0 Elective

In this course, students will become familiar with the engineering design process and basic programming to solve problems and complete labs using robotics. Students will explore building, problem-solving, mechanisms, gear ratios, sensors, programming & autonomous control while trying to solve problems with Vex IQ robots in this hands-on class. This class will also provide an introduction to competition robotics. *Students will receive 1.0 Elective Credit upon completion of this two-semester course (0.5 credit each semester).*

## JH College & Career Readiness

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	None	1.0 Elective

In this required course, students will be provided with the skills and knowledge needed to pursue the college and/or career of their dreams through the instruction of organizational skills, decision-making, time management, and leadership; which are a few of the themes emphasized in this course. Among the varied activities in this course, students will work on their high school four year plan, research and present a project on a college or university of interest, write a personal mission statement, research a potential career, learn to write resumes, fill out job

applications, conduct interviews, and manage personal finances. *Students will receive 1.0 Elective credit upon completion of this two-semester course (0.5 credit each semester).*

### JH Construction

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	\$25/semester	.5 Elective

This course will introduce students to CTE pathways related to construction. Students will learn tool usage and safety, and the various areas related to construction. This course will also provide career pathways and how they relate to the multitude of areas within construction. This course also provides an opportunity for students to put their skills to work with a small building project as part of this introduction to one of AT's most popular career pathways. *Students will receive .5 Elective Credit upon completion of this single semester course (0.5 credit).*

### JH Cosmetology

<b>Prerequisites</b>	<b>Fees</b>	<b>Credit</b>
None	\$25/semester	.5 Elective

In this course, students will learn about the physical structure of hair and the growth process. Students will practice proper techniques for shampooing, conditioning and rinsing. Students will also explore scalp treatment procedures and techniques. The course provides an introduction to the history of cosmetology, focusing on communication, professionalism, safety, and sanitation. Students will receive a brief overview of various salon services through manikin demonstration. Additionally, they will learn about the tools needed to achieve basic haircuts, with a focus on proper usage, body positioning, and hand elevation. *Students will receive .5 Elective Credit upon completion of this single semester course (0.5 credit).*

### JH Culinary

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	\$25/semester	.5 Elective

This course will provide skills in the area of food services and hospitality. The student will receive training in career success, nutrition, business math, and kitchen basics to include: kitchen safety and sanitation, equipment and facility use, knife skills, and food preparation. In addition this course will discuss and provide an introduction to the hospitality and tourism industry and the part it plays in the economy. *Students will receive .5 Elective Credit upon completion of this single semester course (0.5 credit).*

### JH Mechanics

<b>Prerequisites or Requirements</b>	<b>Fees</b>	<b>Credit</b>
None	\$25/semester	.5 Elective

This course will introduce students to CTE pathways related to the properties of mechanics. Students will learn tool safety, components related to various motors, how they work, and the career pathways related to motor and engine building and maintenance. This course also provides an opportunity for students to put their skills to work with a small building project as part of this introduction to one of Applied Technologies most popular career pathways. *Students will receive .5 Elective Credit upon completion of this single semester course (0.5 credit).*

## JH Education

<b><i>Prerequisites or Requirements</i></b>	<b><i>Fees</i></b>	<b><i>Credit</i></b>
None	\$0	0.5 Elective

This course introduces students to the foundational concepts of child development, provide them with an early understanding of key developmental stages, and equipping them with skills relevant to careers in education and childcare. Students will explore physical, cognitive, social, and emotional development while engaging in hands-on experiences in the preschool lab that fosters real-world skills. Students will investigate career paths in the Education and Training Career Cluster. The course is designed to serve as an introduction to the Education Academy programs for students interested in teaching, counseling, or early childhood professions. *Students will receive .5 Elective Credit upon completion of this single semester course (0.5 credit).*

## JH Aviation Mechanics

<b><i>Prerequisites or Requirements</i></b>	<b><i>Fees</i></b>	<b><i>Credit</i></b>
None	\$25/semester	0.5 Elective

This one-semester introductory course is designed for eighth-grade students seeking to gain an understanding of aircraft maintenance as a potential CTE pathway during high school. The AMT-JH course of study will help students develop critical thinking and problem-solving skills. Students will explore the fundamentals of aircraft maintenance tool selection, proper use, and the importance of tool accountability. Students will learn the safety practices required in the field of aviation maintenance. The topics of study include Personal Protective Equipment (PPE), Foreign Object Damage (FOD), aircraft hazards, chemical hazards, and the safety procedures in aircraft maintenance hangars. *Students will receive 0.5 Elective Credit upon completion of this course.*

## English Language Development (ELD)

English Language Development courses are designed to develop and grow English language proficiency among English Learners. These courses fulfill the Arizona requirements for targeted instruction and provide intensive language

instruction to prepare students for success in mainstream courses.

Grade		Course Name	School	
7	8		AT	ALA V
X	X	<a href="#">English Language Development 101</a>	X	X
X	X	<a href="#">English Language Development 102</a>	X	X
X	X	<a href="#">English Language Development 103</a>	X	X

### English Language Development 101

<i>Prerequisites or Requirements</i>	<i>Fees</i>	<i>Credit</i>
AZELLA Emergent	None	1.0 Elective

English Language Development (ELD) focuses on the language skills and knowledge of how English functions within the four domains of reading, writing, listening, and speaking. The course is designed to support students' acquisition of the English language specifically through discourse practices, grammatical structures, writing, vocabulary, and reading skills necessary for successful participation in academic tasks across the content areas. Students who are determined to be at the Emergent level as determined by AZELLA are placed in this course. Students may earn 1.0 elective credit for this two-semester course. *This course is for elective credit and students should also be placed in an English class.*

### English Language Development 102

<i>Prerequisites or Requirements</i>	<i>Fees</i>	<i>Credit</i>
AZELLA Basic	None	1.0 Elective

English Language Development (ELD) focuses on the language skills and knowledge of how English functions within the four domains of reading, writing, listening, and speaking. The course is designed to support students' acquisition of the English language specifically through discourse practices, grammatical structures, writing, vocabulary, and reading skills necessary for successful participation in academic tasks across the content areas. Students who are determined to be at the Basic level as determined by AZELLA are placed in this course. Students may earn 1.0 elective credit for this two-semester course. *This course is for elective credit and students should also be placed in an English class.*

### English Language Development 103

<i>Prerequisites or Requirements</i>	<i>Fees</i>	<i>Credit</i>
AZELLA Intermediate	None	1.0 Elective

English Language Development (ELD) focuses on the language skills and knowledge of how English functions within the four domains of reading, writing, listening and speaking. The course is designed to support students' acquisition of the English language specifically through discourse practices, grammatical structures, writing, vocabulary, and reading skills necessary for successful participation in academic tasks across the content areas. Students who are determined to be at the Intermediate level as determined by AZELLA are placed in this course. *This course is for elective credit and students should also be placed in an English class.*