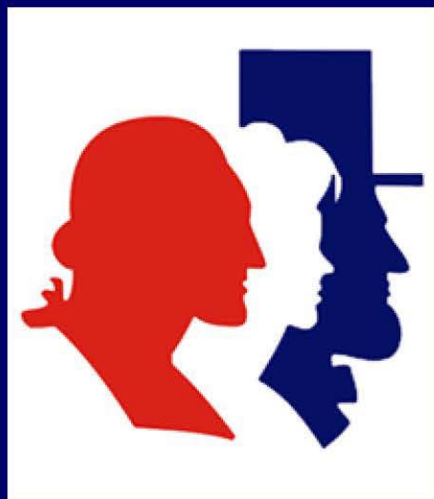


COURSE CATALOG



HERITAGE ACADEMY

Building America's Heroes, Together

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GENERAL INFORMATION

The *Heritage Academy Course Catalog* has been designed to provide course selection information for the following school year. Scholars are encouraged to consult with parents, advisors, and teachers to *carefully consider* the information within this catalog to aid in selecting courses that will satisfy their graduation requirements, as well as post-graduation plans.

The information presented in this Course Catalog describes the academic and elective offerings available to scholars for the following school year. Some courses may have prerequisite requirements that must be satisfied to enroll in the course.

REGISTRATION PROCESS

Scholars will begin course selection on campus during Second Semester.

During the course selection process, requests will be made for the entire school year. It is important that scholars carefully choose their courses as classes are formed based on scholar requests. Some courses listed in the catalog may not be available if the registration is not sufficient to hold the class.

Heritage is only available to full time scholars. For grades 7-11, each scholar must register for the equivalent of 8 classes each semester; 4 of the 8 classes will meet Monday/Wednesday and the other 4 will meet on Tuesday/Thursday. For seniors, full time is a minimum of 6 classes each semester. EVIT scholars are required to take at least 4 core classes each semester at Heritage. Released Time does not count as a Heritage class. Additionally, all core classes must be taken at Heritage (English, history, math, science, world languages).

Course Fees:

For courses with an associated course fee, payment for both semesters is **due in full** no later than the second week of school.

Any scholar with an outstanding balance at the school will not be enrolled into any fee-bearing course until the balance is paid in full or a payment arrangement has been made with the front office. Payment arrangements that are not kept will result in the scholar being withdrawn from the fee bearing course and placed into a non-fee bearing course that is available during that same class period.

DUAL ENROLLMENT

Heritage Academy offers ambitious scholars the opportunity to concurrently enroll in college-level courses while fulfilling high school academic requirements. Seniors, juniors, sophomores, and freshmen are eligible for these courses, which are conveniently offered at the Heritage Academy campus by current Heritage teachers that are certified dual enrollment college instructors. Dual enrollment courses are transferable to Arizona public colleges and universities, easing the transition from high school to college.

COURSE SCHEDULING

Heritage Academy will make every effort to schedule course requests from the scholar; however, since the schedule is completed on a full-year basis the following circumstances may affect scheduling:

- If enough scholars do not request a course, the course will not be made available. If a course is not offered, every effort will be made to schedule an alternate selection from the course request form.
- If a selected course request conflicts with another request, every effort will be made to schedule an alternate selection from the course request form to replace the unscheduled course.
- If a scholar chooses a course and does not meet the prerequisite or did not complete the course, the scholar's schedule will be adjusted accordingly.

- If a scholar has an outstanding balance owed to the school, they will not be permitted to enroll in a fee bearing class until balance is paid in full.

For these reasons, it is critical that the scholar completes the “alternate selections” section of the course request form. Please note that if the “alternate selections” section is not completed, the student will be scheduled for any non-fee bearing elective(s) available.

SCHEDULE CHANGE PROCESS

If a scholar meets one of the following conditions, then a **Course Schedule Change Request** form must be filled out. These forms are in the lobby.

- Seniors with graduation credit needs
- Incorrect course level placement (ex: 7th grade scholar in a 10th grade English course)
- Missing a class in the schedule
- Medical reasons

POLICIES AND PROCEDURES

CREDITS

Course credits are awarded on a semester basis. Scholars will be awarded one-half credit for demonstration of course mastery of 70% (grade of “C” or better) based on course performance standards. Grades 7-11 are required to take four credit hours (8 courses) per semester. Seniors are required to take a minimum of three credit hours (6 courses) per semester. EVIT and release time do not count as credit hours. EVIT scholars are required to take a minimum of 2 credit hours (4 courses) per semester. Seniors should review credits to ensure that all graduation requirements are fulfilled prior to registration and course selection.

All scholars who are on campus must be enrolled in a class; no scholar will be allowed to loiter at the school.

All courses taught for credit will receive a letter grade or a pass/fail option. Grade point and the percentage used are listed below. **Please note, credit is awarded for a letter grade “C” or higher; scholars earning a letter grade of a “D” will receive zero credits for the class and may be required to repeat the course.**

Grade Percent	Letter Grade	Quality Points	Grade Percent	Letter Grade	DE/Honors Points
90-100	A	4.0	90-100	A	5.0
80-89	B	3.0	80-89	B	4.0
70-79	C	2.0	70-79	C	3.0
60-69	D	0.0	60-69	D	0.0
Below 60	F	0.0	Below 60	F	0.0

REPEATING A COURSE

High School scholars failing a core class will be required to retake the course prior to advancing to the next course. A scholar who fails a required class must make up the class at a time and place other than during the regular school year. This will involve a summer school commitment, either at Heritage, if offered, or at another acceptable school. A scholar will not be allowed to register for the same class at Heritage during the regular school year again.

If a course is taken off campus, the scholar will need to complete the *Permission to Substitute a Class* form and seek approval from the appropriate teacher, department chair, and Heritage Administrator prior to enrolling in correspondence course.

Junior High scholars failing one or more core courses in an academic year will be required to repeat the entire grade. Summer school make-up classes may not apply to seventh and eighth grade scholars. In nearly every case, a scholar fails a class because of not doing the required work.

TRANSFERABILITY OF CREDITS

Transferability of credits from other educational institutions is not automatic. Transfer credits will be evaluated based on official transcripts to determine whether a course will be accepted.

EXTRACURRICULAR ELIGIBILITY

Scholars are encouraged to participate in one or more extracurricular activities. Participation in extracurricular activities and athletics is considered a privilege. Therefore, all scholars will be held to the following academic eligibility policy to participate in athletics, musicals/plays, concerts, dance performances, school trips, and clubs:

- Scholars must maintain a minimum grade of C (70%) to participate
- All associated fees and balances must be paid in full
- Scholars participating in athletics must have completed and have on file with athletic director:
 - *Parent Consent and Emergency Contact Information Form*
 - *Athletic Participation and Fee Form*
 - *Transportation Permission Form*
 - *Current physical examination form completed by an MD or DO*

7TH AND 8TH GRADE EDUCATION PROGRAM

Junior High courses at Heritage Academy are designed to assist the scholars in meeting and exceeding the basic requirements in English, History, Math, and Science before progressing on to the high school curriculum. We encourage all our scholars to strive for excellence, so the foundation that is laid in junior high becomes a steppingstone to further success.

RECOMMENDED 7TH AND 8TH GRADE COURSE SCHEDULE

The Junior High School scholar schedule is structured to provide an opportunity for scholars to be exposed to as many different subject areas as possible. Scholars may experiment with their talents and interests while in junior high and then pursue more advanced classes in those areas where they have developed special talents and interests during their high school years. The following is a typical schedule for junior high classes.

7th Grade	
1st Semester	2nd Semester
English	English
Math	Math
History	History
Science	Science
Latin I	Latin I
Elective	Elective
Choir, Band, or Orchestra	Choir, Band, or Orchestra
Art, Dance, Drama, PE, Athletics	Keyboarding (one semester required)

8th Grade	
1st Semester	2nd Semester
English	English
Math	Math
History	History
Science	Science
Latin II	Latin II
Elective	Elective
Art, Choir, Band, Orchestra, or Piano	Elective
Art, Dance, Drama, PE, Athletics	Art, Dance, Drama, PE, Athletics

JR. HIGH REQUIRED CLASSICAL READING LIST

Grade	School Year Reading
7	English: <i>Lion, Witch, and the Wardrobe, A Christmas Carol, Tom Sawyer, Miracle Worker, Shakespeare</i>
8	English: <i>The Giver, Shakespeare, Call of the Wild, Animal Farm</i>

LATIN

Latin I

All junior high scholars will be enrolled in a Latin course in which they will be introduced to the great classical language of Latin. Scholars will learn why so much emphasis was placed on this language by the Founding Fathers. They will learn how Latin can improve their knowledge of English, improve test scores, and act as a springboard into the learning of other Foreign Languages (especially French and Spanish), Math, Science, Medicine, Literature and many other subjects. Scholars will learn the alphabet, vocabulary, roots, and other components of this language. This course will prepare scholars to read, write and understand this great language.

Latin II: A brief review of Latin I and then second year skills such as translating stories, poems and passages will be added along with the study of Rome and other Ancient Civilizations.

MATHEMATICS

7th grade scholars are placed in 7th grade math. A readiness test is given to determine who needs additional support or enrichment. At the beginning of the school year, a benchmark is given to determine if the placement is correct. If a change is recommended by the teacher, scholars and parents are contacted, and schedules are changed. We do our best to place the scholars in the math class that is most appropriate to their individual skill level. Jr. High level math courses are as follows:

7TH MATH

This is the 7th grade math class. The curriculum is based on the AZ state **7th grade** math standards found at <http://www.azed.gov/azccrs/mathstandards/>. The course includes a study of various graphic displays including stem and leaf plots and scatterplots, linear functions, solving multi-step equations, geometry and integers. For sample questions and tutorials, please visit McDougal Littell's website at www.classzone.com.

Requirements: Scientific calculator

Textbook: McDougal Littell, *Math Course 2*

PRE-ALGEBRA

This course is 8th grade scholars. The curriculum is based on the AZ state math standards for **8th grade**. These can be found at <http://www.azed.gov/azccrs/mathstandards/>. The course includes a study of various graphic displays including box and whisker plots and scatterplots, linear functions, solving multi-step equations, geometry and integers. For sample questions and tutorials, please visit McDougal Littell's website at www.classzone.com.

Requirements: Scientific calculator

Textbook: McDougal Littell, *Pre-Algebra*

JUNIOR HIGH ELECTIVE COURSES

All scholars are encouraged to expand and improve their talents. We encourage scholars to take an interest in and involve themselves in music, art, and sports. **All 7th grade scholars** need to be enrolled in a full year of either choir or instrumentals class; **all 8th grade scholars** need to be enrolled in a minimum of one semester of art, choir, or instrumentals class. All scholars wishing to join orchestra or band will audition with the teachers and will be placed according to skill level. Classes are available from beginning to advanced levels. Some of these classes require a fee. Please see an updated course selection sheet for a list of arts and athletic options.

Scholars are also encouraged to develop their physical abilities. Heritage Academy offers P.E. classes and competitive team sports which include after school programs.

Team sports will compete in the Canyon Athletic Association (CAA). All team sports require an additional fee.

JR. HIGH CLASS SCHEDULE – MESA CAMPUS

Jr. High (7 & 8 Grades)

Day	Period 1	Period 2	Jr. High Lunch	Citizenship	Period 3	Period 4
A (Mon & Wed)	8:00 - 9:33	9:40 - 11:17	11:22 - 11:45	11:49 - 12:11	12:16-1:49	1:56 - 3:30
B (Tues & Thu)	8:00 - 9:33	9:40 - 11:17	11:22 - 11:45	11:49 - 12:11	12:16-1:49	1:56 - 3:30

HIGH SCHOOL CURRICULUM GUIDE

Heritage Academy offers one scholastic diploma; all scholars are required to earn 26 credits and meet the requirements listed below for graduation. Scholars who plan on attending a 4-year college or university should pay particular attention to the requirements below. Those attending a community college will also need to satisfy all the entrance requirements of the Arizona universities, either in high school or at the community college level before advancing.

Heritage Academy Curriculum	General Graduation Requirements	In-State University / College Competencies
ENGLISH	4 credits	4 credits (composition and literature based)
MATH	4 credits 1 year each of Algebra I, Geometry, Algebra II, 4 th math	4 credits 1 year each of: Algebra I, Geometry, Algebra II, and an advanced class where Algebra II is prerequisite
SCIENCE	4 credits Physics, Biology, Chemistry, 4 th science	3 credits 1 credit each of 3 different lab sciences selected from the following: Chemistry, Physics, or Biology, Earth Science
HISTORY	4 credits (Class of 2028)	2 credits Am. Hist. and 1 other
WORLD LANG.	2 credits 2 years of the same language	2 credits 2 years of same language
FINE ARTS	1 credit	1 credit
PE	1 credit	
REQUIRED CORE COURSES	20 credits	16
ELECTIVE COURSES	6 credits	4
TOTAL REQUIRED	26 credits	20

All high school scholars are encouraged to expand and improve their talents. We encourage scholars to take an interest in and involve themselves in music, art, and sports. All scholars wishing to join the orchestra, band, or choir will audition and be placed according to skill level. Classes are available from beginning to advanced levels. Scholars are also encouraged to develop their physical abilities. Team sports will compete in the Charter Athletic Association (CAA). For course descriptions please see descriptions as listed in the High School Curriculum guide below. For Elective Fees please see the current Course Fee Schedule on the website.

REQUIRED COURSES FOR GRADUATION

Listed below are the courses required of all scholars graduating from Heritage Academy. In addition to these required courses, scholars may take additional courses described in each department to achieve greater mastery and earn a certificate of distinction.

Subject	Grade course is taken	Credits
English – (4 credits required)		
9 th Grade English	9 th	1
10 th Grade English	10 th	1
11th/12th English	11 th - 12 th	1
ENG 101/ ENG 102 (Dual Enrollment Option)	11 th - 12 th	1
ENG 111/ ENH 110 (Dual Enrollment Option)	12 th	1

Mathematics – (4 credits required)

Algebra I	9 th	1
Geometry	10 th	1
Algebra II	11 th	1
College Math (Dual Enrollment Option)	11 th - 12 th	1
Pre-Calculus (Dual Enrollment Option)	11 th - 12 th	1
Hon Statistics (Dual Enrollment Option)	10 th - 11 th	1
AP Calculus (Dual Enrollment Option)	11 th - 12 th	1

Science – (4 credits required)

Integrated Science	9 th	1
Hon Biology (Dual Enrollment Option)	9 th - 10 th	1
Hon Chemistry I (Dual Enrollment Option)	10 th - 12 th	1
Hon Physics (Dual Enrollment option)	11 th - 12 th	1
Hon Anatomy/Physiology (Dual Enrollment Option)	11 th - 12 th	1
Environmental Biology (Dual Enrollment Option)	11 th - 12 th	1
AP Biology (Dual Enrollment Option)	11 th - 12 th	1

History – (3 credits required cohorts 2025-27; 4 credits cohorts 2028 and after)

9 th Grade History	9 th	1
Hon World History (Dual Enrollment Option)	10 th	1
Hon American History (Dual Enrollment Option)	11 th	1
Hon Economics (Dual Enrollment Option)	12 th	.5
Hon Gov / US Constitution	12 th	.5

World Language – 2 credits required

Must have 2 credits in the same language

9 th - 12 th	2
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Fine Arts – 1 credit required

9 th -12 th	1
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P.E./Health – 1 credit required

9 th -12 th	1
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General Electives (cohorts 2025-27)

9 th -12 th	7
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General Electives (cohorts 2028 and after)

9 th -12 th	6
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HIGH SCHOOL CLASS SCHEDULE - MESA CAMPUS**High School (9 - 12 Grades)**

Day	Period 1	Period 2	Citizenship	HS Lunch	Period 3	Period 4
A (Mon & Wed)	8:00 - 9:33	9:40 - 11:17	11:22 - 11:45	11:49 - 12:11	12:16-1:49	1:56 - 3:30
B (Tues & Thu)	8:00 - 9:33	9:40 - 11:17	11:22 - 11:45	11:49 - 12:11	12:16-1:49	1:56 - 3:30

COURSE OFFERINGS

ENGLISH

Subject area goals:

- To introduce scholars to a variety of literary works and instill in them a critical appreciation for great literature.
- To develop in scholars an ever-increasing proficiency in reading, analyzing, understanding, and interpreting written works.
- To provide scholars with the skills necessary to express themselves in both written and oral communications.
- Scholars must complete 4 years of English.

HONORS DISTINCTION

Scholars seeking Honors Distinction in English must meet the following requirements:

- Complete all English classes with a cumulative GPA of at least 3.5.
- Read at least TEN (10) classics from the Heritage Academy Reading List. Books assigned for class work do not count towards the 10. At least seven (7) out of the ten (10) need to be from the Literature category on the list. One of the selections must be a Shakespearean play. Another selection must be a capstone read (marked C on the list).
- Meet with an English teacher for a discussion after each book is completed.
- Schedule a meeting with the English department in April of your senior year to discuss books and finalize distinction.

100 HIGH SCHOOL SKILLS CLASS

This course focuses on improving writing and reading skills. The writing curriculum will focus on strategies for creating sound paragraphs, building basic arguments, and strengthening stylistic techniques. The reading curriculum will focus on fluency and comprehension skills. The goal of this course is to prepare scholars for successful integration into Heritage's high school English courses.

Prerequisite: Teacher recommendation and placement test only

130 9TH GRADE ENGLISH

An integrated language arts course focusing on a survey of world literature. Scholars will develop organizational and group skills through projects and presentations. Writing projects will require scholars to engage in all parts of the writing process: planning, drafting, revising, and editing. Scholars will learn narrative, persuasive, and research-based writing.

131 10TH GRADE ENGLISH

An integrated language arts course focusing on authors/poets in American literature – from early American to twentieth century. Scholars will develop organizational and group skills through projects and presentations. Evaluating literary elements and developing reading strategies will be accomplished through in-depth study of literature. Composition emphasizes research skills, multi-paragraph exposition, critical analysis, and thesis development and defense.

145 11TH/12TH ENGLISH

An integrated language arts course focusing on literature studied in the context of the religious, social, and political influences on the authors. Scholars will develop organizational and group skills through projects and presentations. Composition emphasizes practical application, research skills, multi-paragraph exposition, critical analysis, and thesis development and defense.

ENG 101 FIRST-YEAR COMPOSITION

Emphasis is placed on rhetoric and composition with a focus on expository writing and understanding writing as a process. This course focuses on establishing effective college-level writing strategies through four or more writing projects comprising at least 3,000 words in total.

Rio Salado College: 3 credits

ENG 102 SECOND-YEAR COMPOSITION

Emphasis is placed on rhetoric and composition with a focus on persuasive, research-based writing and understanding writing as a process. Scholars will develop advanced college-level writing strategies through three or more writing projects comprising at least 4,000 words in total.

Prerequisite: Grade of C or better in ENG101
Rio Salado College: 3 credits

ENG 111 TECH & PROFESSIONAL WRITING

This course covers analyzing, planning, organizing, researching, and writing correspondence, reports, and presentations for specific work-related audiences, and includes integrating data and graphics into work-related documents and presentations.

Prerequisite: Grade of C or better in ENG101
Rio Salado College: 3 credits

ENH 110 INTRODUCTION TO LITERATURE

This course is an introduction to international literature through various forms of literary expression, e.g., poetry, drama, essay, biography, autobiography, short story, and novel. It provides a global overview of literature with special emphasis on diverse cultural contributions of women, African Americans, Asian Americans, Hispanic Americans, and Native Americans.

Prerequisite: Junior or Senior
Rio Salado College: 3 credits

MATHEMATICS

Subject Area Goals:

- Scholars will learn to recognize, analyze, and describe patterns and relationships in real numbers, algebraic functions, and geometric figures.
- Scholars will strengthen and deepen their number sense and their ability to organize their thoughts and use logic, both inductive and deductive, to solve real world problems.
- Scholars must complete at least 4 years of math. Algebra I, Geometry, Algebra II and 4th math.

HONORS DISTINCTION

- Take Calculus or Statistics & earn an A or B.
- Create a poster or project on a math topic.
- 10 hours unpaid tutoring.
- Read and discuss an approved book with an advisor.

630 ALGEBRA I

Scholars enrolled in this course will learn problem solving approaches, thinking and algebraic skills necessary for future mathematics courses and other disciplines. It includes a study of real number systems, linear equations, linear inequalities, exponential functions, quadratic equations, and statistics. Scholars must show mastery of Algebra 1 before advancing to Geometry.

Prerequisite: Pre-Algebra

645 GEOMETRY

This course will review and extend the skills and topics mastered in Algebra I. It places emphasis on plane geometry and includes some solid and coordinate geometry. The course provides scholars with the opportunity to improve their understanding of spatial relationships, develop inductive and deductive thinking skills, improve problem solving skills in geometric settings, relate algebra to geometry, and develop a deep understanding of ratio and proportion concepts. A protractor, compass, ruler, and scientific calculator are required. Scholars must show mastery of Geometry before advancing to Algebra II.

Prerequisite: Algebra I

650 ALGEBRA II

This course will cover topics in advanced Algebra and Geometry. Scholars will further their understanding of linear functions, quadratic equations, matrices, logarithms, rational and radical equations, statistics, and series and sequences. Scholars will discuss and solve real-life applications of the studied topics. Algebra II will help prepare scholars for college math courses like Precalculus and Statistics.

Prerequisite: Algebra I

Requires a Graphing Calculator

**Dual Enrollment option with Rio Salado College
MAT 151, placement test required for 9th and 10th graders, juniors and seniors must have a 3.0 GPA or higher.**

606 COLLEGE MATH

This course emphasizes a working knowledge of college-level mathematics and its application to real-life problems. Emphasis on understanding mathematical concepts and their applications. Topics include proportional reasoning, modeling, finance, probability, and statistics.

Prerequisite: Algebra II and teacher recommendation, GPA 2.6 or higher required. Requires a Graphing Calculator

Dual Enrollment option with Rio Salado College DE MAT142

657 HON PRE-CALCULUS

An in-depth review and cross-course integration of all the topics covered in high school mathematics occupy the beginning of this course. Scholars will study polynomial and rational functions, logarithms, matrices, sequences and series, and analytic geometry. This course includes an in-depth study of trigonometric functions, identities, and vectors. The difficulty of Pre-Calculus is like that of a college freshman or sophomore math course.

Prerequisite: Algebra II and placement test required for 9th and 10th graders; juniors and seniors must have a 3.0 GPA or higher, or successful completion of DE MAT 151.

Requires a Graphing Calculator

Dual Enrollment option with Rio Salado College MAT 188

677 AP / HON CALCULUS

Following the College Board's suggested curriculum designed to parallel college-level calculus courses, AP Calculus AB provides scholars with an intuitive understanding of the concepts of calculus and experience with its methods and applications. These courses introduce calculus and include the following topics: elementary functions; properties of functions and their graphs; limits and continuity; differential calculus (including definition of the derivative, derivative formulas, theorems about derivatives, geometric applications, optimization problems, and rate-of-change problems); and integral calculus (including antiderivatives and the definite integral).

Prerequisite: Grade of C or better in MAT 188 or equivalent.

Requires a Graphing Calculator

Dual Enrollment option with Rio Salado College MAT221

659 HON STATISTICS

AP/DE Statistics is an introductory college-level statistics course that introduces scholars to the major concepts and tools for collecting, analyzing, and drawing conclusions from data. Scholars cultivate their understanding of statistics using technology, investigations, problem solving, and writing as they explore concepts like variation and distribution; patterns and uncertainty; and data-based predictions, decisions, and conclusions.

Prerequisite: Algebra II and successful completion of a 100 level DE math course.

Requires a Graphing Calculator

Dual Enrollment option with Rio Salado College MAT 206

MAT 231 CALCULUS WITH ANALYTIC GEOMETRY II

Techniques of integration for both proper and improper integrals with applications to the physical and social sciences, elements of analytic geometry, and the analysis of sequences and series.

Prerequisites: Grade of C or better in MAT 220, or MAT 221, or equivalent.

Requires a Graphing Calculator

Dual Enrollment option with Rio Salado College MAT 231.

SCIENCE

Subject area goals:

- Scholars will discover the processes of the world around them and begin lifelong experiences in science.
- All scholars are required to take Integrated Physics, Biology, and Chemistry.

HONORS DISTINCTION

- Overall, scholars must have a 3.0 GPA or better
- Scholars must complete four science classes including three laboratory sciences (Biology, Chemistry, Physics, Anatomy, Environmental Biology, or AP Biology) with a B or better in each class for a distinction.
- One of these courses needs to be an Honors, AP, or a Dual Enrollment offering.
- Scholars must read a science classic and write a 1000-word paper. See the list of science classics or talk to a science teacher

213 INTEGRATED PHYSICS

This introductory science course introduces critical thinking and problem-solving strategies. The scientific method is introduced and practiced along with scientific inquiry. Basic physical and earth sciences, thermodynamics, and meteorology principles prepare scholars for future science classes.

Dual Enrollment with Rio Salado College PHY101

227 HON BIOLOGY

Biology is the study of life. This accelerated course taught through the inquiry method that expects scholars to take control of their learning. Basic principles of basic cytology, genetics, botany, zoology, ecology, taxonomy, evolution, chemistry, and microbiology will be taught.

Prerequisite: Grade of B or better in Algebra I or Geometry

Dual Enrollment option with Rio Salado College BIO100

226 HON ENVIRONMENTAL BIOLOGY

Fundamentals of ecology and their relevance to human impact on natural ecosystems. Scholars will identify the process of scientific inquiry, learn about species diversity, genetics in relation to the environment, and the development of ecosystems.

Prerequisite: Chemistry

Dual Enrollment option with Rio Salado College BIO105

222 AP BIOLOGY

This course will qualify a scholar to sit for the College Board Advanced Placement test or Dual enroll through Grand Canyon University for Biology 181/181Lab credit. It is a vigorous course in introductory biology for majors. This course is a study of biological concepts emphasizing the interplay of structure and function, particularly at the molecular and cellular levels of organization. Course content will also cover the topic of evolution.

Prerequisite: Must have completed a year of biology and a year of chemistry.

Dual Enrollment option with Rio Salado College BIO181

230 HON CHEMISTRY

This accelerated course introduces the fundamentals of chemistry. Scholars learn nomenclature, balancing chemical equations, mathematical processes

including conversions, density, heat capacity, mole equations, stoichiometry, and gas equations. The process of scientific discovery is explored through the history of the atomic theory development and the men and women important to this process. Topics in acids, bases, reaction rates, nuclear chemistry, and basic organic chemistry are explored. Daily activities, labs and lab reports, as well as modeling techniques of drawing what the particles and energy are doing are used to obtain not only hands-on but minds-on understanding.

Prerequisite: Biology, Algebra 1

Dual Enrollment with Rio Salado College CHEM130

215 HON ANATOMY & PHYSIOLOGY

Scholars explore the form and function of the systems of the human body. This course begins with a review of the atom and biochemistry, the course progresses from biomolecules, to cells, tissues, organs, and organ systems. Emphasis is placed on learning the bones, muscles, and all the major organs. Systems reviewed include the skeletal, muscular, nervous, digestive, circulatory, respiratory, endocrine, and reproductive. Scholars will also learn study techniques for success in college courses related to allied health and science. This course includes a unit on human reproduction and utilizes both artistic and real images of the human body. Dissection is a significant part of the learning process, and several dissections are performed during the course.

Dual Enrollment option with Rio Salado College BIO160

231 HON PHYSICS

This course is algebra-based Physics with a study of Kinematics, the reasons for, laws of and patterns in the motion of things. Common misconceptions are unraveled as scholars learn how to articulate a new and improved perspective of the physical world. New vocabulary as well as old vocabulary used in new ways helps scholars to communicate their findings in scientific inquiry activities. Forming and testing hypotheses by experimentation and analysis of the results are important parts of this process. Other components of Newton's mechanical universe are studied, including Momentum, Energy, and Vectors. Once scholars master the concepts of rectilinear motion, they are introduced to curves, satellites, and orbits.

Prerequisite: Biology & Algebra II

Dual Enrollment option with Rio Salado College PHY111

HISTORY

Subject Area Goals:

- To instill into the minds and hearts of scholars, knowledge and respect for the ideals and values of the great men and women of history, including those who founded the American nation.
- To prepare scholars to provide selfless service to their country to assist in restoring America's greatness.
- To develop historical thinking, reading, and writing skills
- Scholars must complete 4 years of history (class of 2028 onward)

HONORS DISTINCTION

- 3.6 GPA or better.
- Take DE World History.
- Take DE American History.
- Take Constitutional Studies if offered (1 sem.).
- Read and discuss an approved book with an advisor.

9TH GRADE HISTORY

This "Greatest Hits of History" course examines important historical figures and events to develop critical thinking, listening, speaking, and historical writing. Scholars will study primary sources, participate in group discussions, and presentations.

HIS110/111 HON WORLD HISTORY/GEOGRAPHY

This survey course examines the economic, social, cultural, and political elements of world history. Scholars will develop a deeper understanding of World History while improving their skills in critical thinking, listening, speaking, and historical writing. Scholars will study primary sources, participate in group discussions, and presentations.

**Dual Enrollment option with Rio Salado College
HIS110/111**

044 HON U.S. HISTORY

This course provides an overview of the major political, economic, and cultural themes shaping the United States from the Colonial period through the Civil War. Scholars will develop a more thorough understanding of *why* things happened in the United States, not just *when*. This approach will give scholars a deeper understanding of U.S. History while improving their skills in critical thinking, listening, speaking and historical writing. Scholars

will study primary sources, participate in group discussions, and presentations.

**Dual Enrollment option with Rio Salado College
HIS103/104**

042 HON GOV / U.S. CONSTITUTION

In this one semester course, scholars will experience their own freedom trail. They will become familiar with the Founding Fathers and the with the 27 principles of liberty, which helped change the direction of the world. Scholars will learn how the trials, efforts, failures and eventual triumphs of the Founders make them true American heroes. The course emphasizes original intent of the Founders by familiarizing scholars with the Founders' own words and explanations as to why each principle, phrase or sentence was included in the document. Departures from original intent and meaning will also be reviewed.

**Prerequisite: Seniors only, Hon US History & Hon World History
CLEP test required to earn college credit through Rio Salado College.**

045 CONSTITUTIONAL STUDIES

This course is an elective class, which is open only to scholars by permission of the instructor. To be considered for this course, scholars must have scored well in prerequisite classes. Specific political issues will be researched, and solutions developed based on principles of liberty. This class involves research into the variety of national & state constitutions. Parliamentary procedure will be studied & practiced. Scholars will participate in a very intense simulated constitutional convention experience.

Juniors and Seniors Only

050 HON ECONOMICS

This one semester course will give the scholars a broad understanding of micro and macroeconomics ranging from the viewpoint of the individual consumer and small business owner to the global economy. The course will study the law of supply and demand, principles of business success, entrepreneurship, innovation, government finances and influence on the economy, money and prices, inflation, and deflation cycles. The course relates ethics, freedom, history, and politics to the study of economics.

**Prerequisites: Seniors only
Dual Enrollment option with University of Arizona
AREC101**

WORLD LANGUAGES

Subject Area Goal:

- The scholar will competently use a foreign language for written and oral communication and demonstrate knowledge of appropriate cultural behaviors.
- Scholars must complete 2 years of studies in the same foreign language.

HONORS DISTINCTION

- Complete 3 years of the same foreign language
- Complete projects about History, Art, Literature, Culture, and Community Service.

410 SPANISH I

Introduces scholars to the basic vocabulary of the language and components of the culture of the countries in which the language is spoken. Prepares scholars to begin to read, write, speak, and understand.

411 SPANISH II

This course provides refinement of the skills acquired in the first year. Level 1 skills are reviewed, and new skills are added in the areas of reading, writing, and speaking. Appropriate cultural components are studied.

Prerequisite: Spanish I

411H HONORS SPANISH II

This accelerated course builds on the reading, writing, and speaking skills taught in Spanish I. It provides a challenging and college level approach to language study. Appropriate cultural components are studied.

Prerequisite: Spanish I

**Dual Enrollment option with Rio Salado College
SPAN 101&102**

412 HONORS SPANISH III

Mostly taught in Spanish, scholars will be required to speak, read, listen, and write in Spanish using correct grammar. Scholars will also read a novel in Spanish. Field trips and additional cultural activities will be a part of the curriculum. This elective is required for distinction in Foreign Language.

**Prerequisite: Spanish 1 & 2 or teacher approval
Dual Enrollment option with Rio Salado College
SPAN 201&202**

417 HONORS SPANISH IV

This class is for fluent Spanish speakers and will be taught in Spanish. Spanish Literature and cultures will be analyzed and discussed. Vocabulary, grammar, and writing skills will be refined. This is the introductory course for native Spanish speakers.

**Prerequisite: Spanish 3 for native English speakers
Dual Enrollment option with Rio Salado College**

420 FRENCH I

Introduces scholars to the basic vocabulary of the language and components of the culture of the countries in which the language is spoken. Prepares scholars to begin to read, write, speak and understand.

421H HONORS FRENCH II

This course provides further refinement of the skills acquired in the first year. Level 1 skills are reviewed, and new skills are added in the areas of reading, writing, and speaking. Appropriate cultural components are studied.

Prerequisite: French I

**Dual Enrollment option with Rio Salado College
FREN 101&102**

422H HONORS FRENCH III

Honors French 3 builds on the foundation of French 1 and 2. This course will challenge scholars to improve their ability in speaking, listening, reading, and writing the French language through the study of linguistics, film, and literature. Scholars also have the option of earning distinction in French at this level.

Prerequisites: Honors French II

**Dual Enrollment option with Rio Salado College
FREN 201&202**

FINE ARTS

565 ART

Senior Art requires art projects that provide a foundation in the elements and principles of art. It also allows for projects of choice in which the scholar can explore different art media and art forms. Media used are pencil, charcoal, pen and ink, scratch art, soft pastels, acrylic, watercolor, and block printing. Art history and culture are incorporated extensively.

778 HON DIGITAL IMAGING

This one semester course introduces how to use a consumer digital camera, adjusting settings, importing digital images to a computer, manipulation of the image using Adobe Photoshop, preparing images for print, email and web usage. Class time will be used to complete most of the assignments and preparing images for print. Some photographs may be taken outside of class.

**Dual Enrollment option with Rio Salado College
Fee Required**

530 HON FILM MAKING

This one semester course teaches the foundations of video import, export, and editing. Includes parts and functions of a video camera, pre-production and production, incorporating photographs, titles, graphics, animation and audio, capturing, editing, rendering and outputting digital video.

**Dual Enrollment option with Rio Salado College
Fee Required**

148 YEARBOOK/JOURNALISM

The course is designed to teach scholars the basic techniques of publication with computers, photography, layout, editing, graphic arts, writing and interviewing. The class will create and produce the yearbook.

Prerequisite: Teacher Recommendation
This is a full year class where scholars have responsibilities to meet specific deadlines.

DRAMA/PERFORMANCE

DRAMA/PERFORMANCE DISTINCTION

Drama Distinction will be awarded to those graduating seniors who have completed the following requirements:

- 3 semesters High School Drama, 2 in Honors Drama.
- 1 semester Stagecraft.
- A in drama and stagecraft classes.
- Fulfill all performance requirements in at least one school play; must audition for minimum of one musical
- Reading of specific sections of the book *Respect For Acting* by Uta Hagen, performance of specific exercises from the book as assigned, and a discussion with the drama teacher about the exercises. Scholars

may be asked to write an essay on various aspects of the book.

- If the scholar has performed leading roles in 2 or more Heritage fall plays and 2 or more Heritage musicals, the scholar may be considered for a drama distinction even if other requirements have not been met. The drama teacher may provide alternate assignments in order to receive the distinction.

534 DRAMA

Drama is a brief study of the history of theatre from the ancient Greeks through the Renaissance and contemporary theatre. Drama scholars will perform a variety of acting exercises, monologues and scenes. Focus will be given to the "actor's instrument", developing acting technique and basic performance skills

537 HON DRAMA

Honors Drama scholars will be challenged to excel in theatre performance. Scholars will rehearse and perform a full-scale play in the Fall semester and a showcase performance comprised of various scenes in the spring semester. Some after-school/weekend rehearsals and performances are required. Actors selected for this elite small ensemble include skilled, motivated, and self-disciplined performers.

Prerequisite: Must be in 10th, 11th or 12th grade and have a minimum of one semester of Drama or equivalent experience. Audition required.

533 MUSICAL THEATER

Musical Theater Scholars will rehearse and perform musical theatre material including solos, small ensembles, and large ensembles. The class will include a brief study of the history of musical theatre and some vocal coaching. Scholars required to perform in a minimum of one performance.

Prerequisite: Must be in 8th, 9th or 10th grade and have at least one semester of Drama, or equivalent experience. Audition required.

STAGECRAFT DISTINCTION

- 3 semesters of Stagecraft classes earning an A grade
- Participation in at least two technical crews for two drama productions earning an A grade
- Demonstrated advanced experience in one or more technical areas (such as lighting, sound, construction, stage crew, or stage management)
- Provide demonstrations in one or more technical theatre areas to instructors/and or class

538 STAGECRAFT

This class supports Heritage theatrical productions by providing technical support for a variety of events. This class will cover most aspects of the technical side of a stage production, including set design and construction, lighting, sound, backstage crew, and stage management. Some after-school and weekend rehearsals may be required.

Prerequisite: High School scholars only

ORCHESTRA/ BAND/ PIANO

ORCHESTRA DISTINCTION

- Participate in 3 years of Orchestra (1 as a Senior)
- Audition for Regional Orchestra twice.
- Perform a solo or duet at an evening concert.
- Serve on Orchestra Council one year.
- Provide 8 hours of orchestra service or TA for Orchestra
- Write 500 words on how you demonstrate stellar character.

310 SYMPHONY ORCHESTRA

This is an Intermediate-Advanced string only ensemble. The course will provide orchestra scholars the opportunity to further their study of traditional and contemporary string literature. It will involve more extensive outside school practice and performance preparations. Scholars must be self-motivated and have a strong commitment to the ensemble. Outside school performances required. Private lessons recommended.

Prerequisite: Audition and instrument required
Uniform Required: Ladies - White blouse, black pants or skirt, black shoes. Gentleman: Black dress pants, white dress shirt, black shoes, and black bow tie.

315 CHAMBER ORCHESTRA

This is an advanced strings only ensemble. The course will focus on the great string literature of the Baroque, Classical, Romantic and Contemporary style periods and explore contemporary arrangements including pop and show tunes. It will involve rigorous outside practice and performance preparations including Regional auditions and participation, area Festivals, Tour, and quarterly concerts. Scholars must be self-motivated and have a strong commitment to the ensemble. Private lessons highly recommended. This is a touring ensemble.

Prerequisite: Audition and instrument required
Full Year Commitment
Uniform Required: Same for all ensembles

320 CONCERT ORCHESTRA

This is an intermediate strings only ensemble. Previous experience is required. Orchestra skills including scales, bowings, technique, theory, and provides introduction to third position will be covered. Literature will include classical, fiddle, and pop tunes. Performance in quarterly concerts is required.

Prerequisite: Audition and instrument required
Uniform Required: Same for all ensembles

BAND DISTINCTION

- Be an exemplary scholar in Band Class
- Perform in front of a group
- Attend another High School Band/ Jazz Performance. Write about it.
- Attend an additional Band performance. Write about it.
- Assist with Performance Set-up/Take down at least twice
- Optional -Conduct a musical piece during a performance

300 BEGINNING BAND

Scholars with little or no instrumental experience. Instrumentalists focus on fundamentals of music notation, sound production, instrument care and maintenance in a group setting, public performances may serve as a culmination of specific instructional goals. Outside school performances required.

Prerequisite: instrument required
Uniform Required: Same for all ensembles

330 CONCERT BAND

This is a band method course and is typically for 7-8th grade playing level. Scholars will reinforce their fundamentals of playing a band instrument and perform 2 concerts each semester. Scholars should meet the requirement to practice 30-45 minutes every day. Private lessons from a qualified music teacher are strongly recommended.

Prerequisite: Audition and instrument required
Uniform Required: Same for all ensembles

332 SYMPHONIC BAND

This is a band method course and is for intermediate playing level. Scholars will continue to master the fundamentals of playing a band instrument, rehearse chosen performance pieces, and perform 2 concerts each semester. Scholars should be prepared to meet the requirement of practicing 30 – 45 minutes each day. It is recommended that scholars take private lessons from a qualified instructor.

Prerequisite: Audition and instrument required
Uniform Required: Same for all ensembles

333 ADVANCED JAZZ ENSEMBLE

This touring ensemble will cover different jazz styles and jazz composers. Scholars will have opportunities for improvisation, solos and small group performances. This course is for the advanced playing level. Scholars should be prepared to meet the requirement of practicing 30 – 45 minutes each day. It is recommended that every member of the ensemble take private lessons from a qualified instructor. This course will last the entire year.

Prerequisite: Audition and instrument required.
Full Year Commitment
Uniform Required: Same for all ensembles

335 GUITAR I

This course is designed for scholars from beginner to advanced. Scholars will work individually and in small groups to master various guitar techniques.

Prerequisite: instrument required
Uniform Required: Same for all ensembles

362 INTRO TO PIANO

This course is designed for beginning piano scholars with no experience who wish to develop their piano skills. Time in class will be spent on keyboards, musical notation and theory. Scholars

will work individually and in small groups to master various piano techniques.

Fee Required for High School

337 PIANO I

This course is designed for piano scholars with 1-3 years of experience who wish to expand & further develop their piano skills. Time in class will be spent on keyboards, as well as musical notation and theory. Scholars will work individually and in small groups to master various piano techniques.

Prerequisite: Audition and instrument required
Fee Required for High School

338 PIANO II

This course is designed for piano scholars with 4+ years of experience who wish to expand & further develop their piano skills. Time in class will be spent on keyboards, as well as musical notation and theory. Scholars will work individually and in small groups to master various piano techniques.

Prerequisite: Audition Required
Fee Required for High School

CHOIR

CHOIR DISTINCTION

- In good standing of a choral ensemble for several semesters.
 - Participation in state festivals i.e. Regional, All-State, All-State Jazz and Show Choir.
 - Accruing choir service hours.
 - Performance in outside choral organizations, voice lessons, etc.
 - Performance in extra-curricular vocal activities i.e. school musical, national anthem solo, etc.
-

343 JR HIGH WOMEN'S CHOIR

Scholars will learn the basics of music theory, ear training, singing, and learning to sing together. These choirs will sing in two-part (SA) and three-part (SSA) harmonies, part songs and rounds. This choir focuses on building a love of music and developing future singers for the choir program.

346 JR HIGH MEN'S CHOIR

Scholars will learn the basics of music theory, ear training, singing, and learning to sing together. These choirs will sing in two-part (SA) and three-part (SSA) harmonies, part songs and rounds. This choir focuses

on building a love of music and developing future singers for the choir program.

353 ADVANCED MIXED CHOIR

This introductory mixed ensemble will be comprised of scholars from 8th grade and up who are mastering their skills as they move through the program. Advanced Mixed Choir will focus on musicianship and vocal technique skills. Ensembles will sing primarily three-part (SAT) repertoire. These scholars may also attend our Heritage Fine Arts Retreat at the beginning of second semester to experience singing in additional mixed ensembles.

344 CONCERT CHOIR

This is the largest touring ensemble of mixed voices at the school. Exclusively for high school scholars, members must have at least one year of prior choral singing experience in order to participate. The choir performs SATB music of varied repertoire and tours annually in and out of the state. This ensemble strives to earn superior ratings at regional and state festivals.

Prerequisite: Audition Required
Regionals Fee Required

349 ADVANCED WOMEN'S CHOIR

Features 24 high school girls with at least a year of prior choral experience. This touring ensemble will continue to develop musical and vocal skills and will explore the varied tone colors at their disposal. The group will perform varied repertoire (SSA). This choir will attend local festivals and strive for superior ratings. They will accompany the Concert Choir on tour.

Prerequisite: Audition Required
Full Year Commitment
Regionals Fee Required

350 CHAMBER SINGERS

Is a select, touring ensemble of 24 advanced high school singers at Heritage. This group performs a cappella music from the Renaissance to today. Scholars are very independent, performing throughout the valley and attending concerts throughout the year. Chamber Singers tour with Concert Choir each year and participate in the annual Northern Arizona University Jazz/Madrigal Festival in February. This class meets Monday-Thursday before school. Scholars must be in either

Concert Choir or Advanced Women to participate. This is a touring ensemble.

Prerequisite: Also Enrolled in Concert or Adv. Women's. Full Year Commitment
Regionals Fee Required

DANCE

DANCE DISTINCTION

- Project that reflects growing knowledge of dance.
- 1 page proposal of costumes, choreography, etc.
- Distinction Performance.

501 DANCE I BEGINNER

This is an introductory dance class. Scholars will explore technical foundations in a variety of approaches to dance. The comprehensive curriculum will encourage dance literacy as the scholars create, perform, respond and connect in the context of dance. Scholars will learn appropriate dance class etiquette. Specific dance attire required.

Fee Required

502 DANCE II INTERMEDIATE

The intermediate dance class builds on the fundamentals learned in beginning dance. Technique is advanced by challenging the scholar toward a greater level of clarity, detail, and specificity. The comprehensive curriculum will encourage dance literacy. Scholars will create, perform, respond, and connect in the context of dance and personal application. Appropriate dance class etiquette is expected and reinforced. Specific dance attire required.

Prerequisite: Two semesters of Beginning Dance and/or teacher approval
Fee Required

503 DANCE III ADVANCED

The advanced dance class emphasizes the development of artistic choice. Scholars will be introduced to advanced techniques from a variety of approaches to dance. The comprehensive curriculum will encourage dance literacy. Scholars will create, perform, respond and connect in dance through personal application and working with other dancers. Scholars are expected to support and encourage appropriate dance class etiquette. Specific dance attire required.

Prerequisite: At least four semesters of Intermediate Dance and/or teacher approval
Fee Required

504 DANCE IV (DANCE COMPANY)

Scholars who are selected demonstrate advanced technical skills, a strong work ethic, a contributing and positive attitude and a passion for dance. Scholars will be challenged creatively and technically through a rigorous learning pace. Dance literacy is achieved through creating, performing, responding and connecting personally and globally. Dance Company provides the opportunity for service, leadership, performance and travel. Seniors in Dance Company have the option to apply for the "Distinction in Dance" award. Scholars are expected to be the highest example of dance class etiquette. This is a touring dance group.

Prerequisite: Audition only
Fee Required

BALLROOM DISTINCTION

- 4 semesters Ballroom Dance.
- 3 Sessions in class instruction.
- 4-page typed research paper.
- 5 outside class dance activities.
- Choreograph and perform solo at showcase.

525 BALLROOM DANCE I

9th – 12th grades. This class is designed to introduce the scholar to the basics of several popular social dances: Waltz, Foxtrot, Tango, Swing, Cha-Cha, Salsa, and Merengue. The scholar will learn to both lead and follow the basics in each dance and will be tested on both. There is one outside of class activity and one required performance. To enhance the social skills they are learning through dance, basic etiquette for social interaction will be covered.

526 BALLROOM DANCE II

9th – 12th grades. This class introduces the scholar to the basics of several popular social dances: New York Hustle, West Coast Swing, Night Club Two Step, Samba, Lindy Hop, Viennese Waltz, and Argentine Tango. The scholar will learn to both lead and follow the basics in each dance and will be tested on both. There are two outside of class activities and one required performance. The pace and skill level will be higher than that of Ballroom I.

Prerequisites: Ballroom I and teacher approval.

727 BALLROOM DANCE III

9th – 12th grades. This is a Ballroom Dance company class that introduces the scholar to the basics of several popular social dances: New York Hustle, West Coast Swing, Night Club Two Step, Samba, Lindy Hop, Viennese Waltz, and Argentine Tango. The scholar will learn to both lead and follow the basics in each dance and will be tested on both. There are two outside of class activities and one required performance. The pace and skill level will be higher than that of Ballroom I.

Prerequisites: Audition only.

522 COUNTRY WESTERN DANCE

9th – 12th grades. Learn various Country Western dances such as Country Swing, Progressive Two-Step, Line Dancing, and more.

PHYSICAL EDUCATION

Subject Area Goals:

- Scholars will learn to understand the importance of maintaining a physically active lifestyle.
- Scholars will improve physical skills, learn the associated rules and etiquette, and learn the importance of cooperation and teamwork.
- Scholars will learn CPR and basic first aid skills

701 MARTIAL ARTS I

The scholar is introduced to the protocol and discipline of the martial arts Jujitsu and Muay Thai. The focus of the class is respect, fitness, self-defense and self-discipline.

702 MARTIAL ARTS II

This course is a continuation of the Martial Arts I course with more emphasis placed on practical application of previously learned basic skills. Scholars will be introduced to self-defense against grabs, hugs, locks, tackles, and basics of ground defense. Continued focus on respect & self-discipline.

Prerequisite: Successful completion of Martial Arts I.

703 MARTIAL ARTS III

This course builds on Martial Arts 1 & 2, adding more complexity to the moves learned. The scholar will be introduced to an additional self-defense technique against punches, kicks and combinations. The concept of the “technique line under stress” is introduced. Continued focus on respect & self-discipline.

Prerequisite: Successful completion of Martial Arts I & II

711 PILATES

Pilates exercises develop the body through muscular effort that stems from the core. The technique cultivates awareness of the body to support everyday movement. It improves posture, increases lung capacity, increases flexibility, and strengthens muscles. Pilates training supports a variety of fitness goals and helps to prevent injury. Work will be performed on a mat with minimal simple resistance training equipment.

Uniform: specific attire required

750 P.E.

Emphasizes physical fitness through a program involving individual or team exercises. This class is for those who have an interest in playing various sports. The class will focus primarily on volleyball, softball, soccer, and flag football.

755 WEIGHT TRAINING

This class offers scholars an opportunity to improve their strength and basic athletic conditioning. Scholars and teacher will work together to fit the individual’s needs.

754 GOLF

Scholars will receive instruction and have an opportunity to test their skills.

Fee Required

TEAM SPORTS

The following sports are team sports and participants will compete in the CAA against other charter schools. Those scholars enrolling in any of the following will be enrolled in the last hour team sports class. All participants in the recreation team and regular team sports classes will be charged the

fee listed for each team sport to cover the cost of the facilities and referees.

ECA Tax Credits may be used to cover fees.

CROSS COUNTRY DISTINCTION

- Keep track of miles throughout the season, using Run Tracker.
- Be part of the team for two seasons.
- Have 95% attendance with direct communication when missed.
- Read and study about sleep, nutrition, running form, running workouts and recovery. Write a 3-page paper using the template provided.
- Qualify for and/or compete in State.
- Support and help build team culture.
- Improve time throughout the season/ or PR. (optional)
- Attend summer practices and/or do your summer running schedule. (optional)
- Medal in at least one cross country meet. (optional)
- Attend Friday practices. (optional)

712 CROSS COUNTRY

Open to both junior high and high school scholars and consists of longer distance races over varied running terrain and conditions. This course will assist the scholar athlete in preparing and competing in Cross Country meets. The athletes will improve their conditioning, endurance, and overall health. Fall Sport. Summer practices recommended.

Fee Required

744 TRACK

Open to both junior high and high school scholars. Course will assist the scholar athlete in preparing and competing in Track Meets. The athletes will improve their conditioning, endurance and overall health. Spring and After-school Sport.

Fee Required

752 BOYS BASKETBALL

Course is planned for scholars with a high level of interest and skill. The class provides training in fundamentals of basketball in addition to concepts of team play. Athletes will compete in the Charter Athletic Association (CAA) against other schools. Winter sport.

Prerequisite: Tryouts and teacher approval
Fee Required

756 CO-ED SOCCER

Course is planned for scholars with a high level of interest. This is a co-ed class; both boys and girls may participate. The class provides training in fundamentals of soccer and prepares athletes for competition in the Charter Athletic Association. Spring sport.

Prerequisite: Tryouts and teacher approval
Fee Required

757 BASEBALL

Course is planned for scholars with a high level of interest and skill. The class provides training in fundamentals of baseball in addition to concepts of team play. Athletes will compete in the Charter Athletic Association (CAA). Spring sport.

Prerequisite: Tryouts and teacher approval
Fee Required

758 TACKLE FOOTBALL

Course is planned for scholars with a high level of interest and skill. Training begins prior to the beginning of school; interested scholars should contact a coach for full details. Athletes will compete in the Charter Athletic Association (CAA). Fall sport. Summer workouts required.

Prerequisite: Tryouts and teacher approval
Fee Required

759 BOYS VOLLEYBALL

Course is planned for scholars with a high level of interest. It provides training in fundamentals of volleyball and prepares athletes for competition in the Charter Athletic Association. Spring sport.

Prerequisite: Tryouts and teacher approval
Fee Required

760 SWIMMING

This class offers both junior high and high school scholars an opportunity to compete for Heritage Academy Mesa in the Charter Athletic Association Swim Meets. Scholars will focus on athletic conditioning and the refinement of skills needed for competition in the four competitive swim strokes: Butterfly, Backstroke, Breaststroke and Freestyle. Sportsmanship and safety will be emphasized during swim team practice and competition. Fall sport.

Prerequisite: Tryouts and teacher approval
Fee Required

761 GIRLS VOLLEYBALL

Course is planned for scholars with a high level of interest. It provides training in fundamentals of volleyball and prepares athletes for competition in the Charter Athletic Association. Fall sport.

Prerequisite: Tryouts and teacher approval
Fee Required

762 GIRLS BASKETBALL

Course is planned for scholars with a high level of interest. It provides training in fundamentals of basketball and prepares athletes for competition in the Charter Athletic Association. Winter sport.

Prerequisite: Tryouts and teacher approval
Fee Required

763 GIRLS SOFTBALL

Course is planned for scholars with a high level of interest. It provides training in fundamentals of softball and prepares athletes for competition in the Charter Athletic Association. Spring sport.

Prerequisite: Tryouts and teacher approval
Fee Required

768G GIRLS FLAG FOOTBALL

Course is planned for scholars with a high level of interest. It provides training in fundamentals of flag football and prepares athletes for competition in the Charter Athletic Association. Fall sport.

Prerequisite: Tryouts and teacher approval
Fee Required

ELECTIVE COURSES

AJS101 HON CRIMINAL JUSTICE

This one semester course is an introduction to crime and society's responses to it. Examines the nature and causes of crime, the criminal law, constitutional safeguards, and the organization and operation of the criminal justice system including the police, courts, jails, prisons, probation and parole departments, and community corrections agencies.

Dual Enrollment option with Rio Salado College
Heritage Course Number AJS101

HON COMMUNICATIONS 100

Theory and practice of communication skills in public, small group, and interpersonal settings. Includes study of speech communication.

**Dual Enrollment option with Rio Salado College
Heritage Course Number COM100**

HON COMPUTERS 105

This one semester course provides an overview of computer technology, concepts, terminology, and the role of computers in business and society. Use of word processing, spreadsheet, database, and presentation software. Includes uses of application software and the Internet for efficient and effective problem solving. Exploration of relevant emerging technologies.

**Dual Enrollment option with Rio Salado College
Heritage Course Number CIS105**

144 HON CREATIVE WRITING

This one semester course introduces the basic aesthetics and techniques in creative writing within a variety of genres. Facilitation of writing practices and evaluation.

**Dual Enrollment option with Rio Salado College
Heritage Course Number CRW 150**

GBS132 PERSONAL & FAMILY FINANCE

This one semester course teaches the principles and practices of personal and family financial planning. Includes savings, budgeting, credit, buying versus renting and general principles of consumerism.

**Dual Enrollment option through Rio Salado College
Heritage Course Number GPS132**

715 DRIVERS EDUCATION

This one semester course is aimed at the development of knowledge, skills and attitude necessary for performing as a competent vehicle operator. Behind the wheel training is not provided.

Prerequisite: Must be 15 years and seven months old by the completion of the course.

721 ORGANIZATION AND LEADERSHIP

This course is for scholars with Individualized Education Plans. Teacher recommendation only.

740 RELEASE TIME

This is a non-credit course for scholars who are leaving campus to attend a religious instruction program.

790 STUDY HALL

This is a non-credit study hall course.

825 HON COMPUTERS

This one semester course is a survey class and covers a broad range of current information technologies. The focus is on the Microsoft Office Suite including MS-Word, PowerPoint, and Excel. Scholars are exposed to cloud-based applications including the Google Apps for Education. Scholars are also introduced to other operating systems (Linux) and virtualization.

Dual Enrollment option with Rio Salado CIS 105

910 TEACHER AIDE

Teacher recommendation only. A "P" or "F" grade only will be given. This course is not used in GPA or Rank calculations. Juniors and Seniors only.

916 PSYCHOLOGY

This one semester course is an introductory survey of the scientific study of human behavior and cognitive functions, including developmental psychology, neuroscience, learning, personality, memory, perception, psychopathology, and social behavior.

**Dual Enrollment option with Rio Salado College
Rio Salado Course Number PSY101**

925 FACS -FAMILY AND CONSUMER SCIENCE

This one semester course will teach scholars how to manage a home. Topics may include nutrition, menu planning, food preparation, clothing care and construction, money management, grooming, consumer awareness, and child development.

Fee Required

980 WORK EXPERIENCE

This course provides students an opportunity to earn elective credit while working in a paid position. There are no regular classes to attend, however,

career activity assignments may be required to be completed in addition to working on the job. Students will be assigned a teacher coordinator and the employer must complete a satisfactory evaluation form. **Students may earn 0.5 Credit. Only one full credit may be earned in a single school year. No more than two such credits may be used to meet graduation requirements. A "P" or "F" grade only will be given. This course is not used in GPA or Rank calculations. Seniors only.**

COLLEGE FAST TRACK PROGRAM – DUAL ENROLLMENT

This program will enable Heritage scholars to earn college credits while attending Heritage Academy. Scholars and families will see the following benefits:

1. Save time
2. Save money
3. Eliminate duplicate classes
4. Scholar prepared for college
5. Earn credits for college/university*
*verify with college/university accepting credits

What is Dual Enrollment?

Dual Enrollment is a program which enables scholars to earn college credit while attending high school. A Dual Enrollment course is a class currently taught at Heritage, that is approved for college credit. Courses will be offered through partnerships with Rio Salado Community College and University of Arizona.

Who can participate?

- Scholars enrolled at Heritage grades 9-12
- 9th and 10th graders must pass Reading Placement Test by Rio Salado Community College or score with a PSAT > 92, SAT > 929, or ACT > 21. Grades 11-12 can use qualifying GPA.
- May need to take additional college placement exams depending on course(s)

Is there financial assistance?

Yes, some tuition assistance is available based on need through Rio Salado Community College.

Contact the Heritage Academy's College Coach for additional information.

How many credits can I earn?

- That's up to you! An associate degree typically requires 60 credits. If a scholar earns 15 credits per year for the four years in high school, an Associate Degree is achievable. This is a very aggressive goal but achievable by highly motivated scholars. Even taking a few college classes will provide a *jump start* into college.
- Completing the general education block alone with a GPA of 2.5 or higher can grant you automatic admission to the in-state public universities.
- Scholars can earn up to three associate degrees (AA, AS, AGS)

How Do I Get Started?

Make a graduation plan with Heritage Academy's College Coach.

DUAL ENROLLMENT COURSES THROUGH RIO SALADO



RIO SALADO COLLEGE
A MARICOPA COMMUNITY COLLEGE

HERITAGE ACADEMY - MESA
Dual Enrollment Course List

Admissions (new students only): PSAT-720; SAT-720; ACT-12; AzM2 ELA - Proficient or Highly Proficient; completion of a college placement exam; or 2.6 unweighted GPA for students who completed at least 2 years of high school coursework; Completion of EdReady College Reading Placement Assessment; **CTE/Occupational classes do not require admissions
For more information on each class, see the course catalog description listed above.

Fall Semester

Spring Semester

High School Course (Heritage Course #)	Rio Course Title	Rio Course ID	Section #	Credits	Rio Course Title	Rio Course ID	Section #	Credits
	<i>Admissions, Placement or Prerequisite Needed</i>				<i>Admissions, Placement or Prerequisite Needed</i>			
Digital Imaging (778)	^ • Introduction to Digital Photography	ART142		3	^ • Introduction to Digital Photography	ART142		3
Honors Biology (227)	◆ Biology Concepts	BIO100		4	BIO100 continues as yearlong class			
Biotechnology (228)	◆ Introduction to Biotechnology	BIO107		4	BIO107 continues as yearlong class			
Anatomy & Physiology (215)	^ ◆ Introduction to Human Anatomy and Physiology (lab included)	BIO160		4	BIO160 continues as a yearlong class			
AP Biology (228)	◆ General Biology I (lab included)	BIO181		4	BIO181 continues as yearlong class			
	<i>Accuplacer NextGen Reading: 249+; ACT (Reading) 22+; SAT (Reading) 480+; 3.0 unweighted GPA for students who completed at least 2 years of high school coursework</i>							
Chemistry (230)	^ ◆ Fundamental Chemistry and Lab	CHM130 CHM130LL		3 1	CHM130/130LL continues as a yearlong class			
	<i>3.0 unweighted GPA for students who completed at least two years of high school coursework; OR 3.0 unweighted GPA for students who completed at least <u>one year</u> of high school coursework <u>and</u> met Admissions requirements <i>*all students have met the prerequisites</i></i> Note: Students must register for both CHM130 and CHM130LL to receive full credit.							
Honors Computers (825)	• Survey of Computer Information Systems	CIS105		3	• Survey of Computer Information Systems	CIS105		3
	<i>Admissions not required. Course does not have prerequisite.</i>							
Computer Programming I (830)	• Python Programming: Level I	CIS156		3				
	<i>Grade of "C" or better in CIS105</i>							
Communication					^ • Introduction to Human Communication	COM100		3



English 101/102	First-Year Composition	ENG101		3	First-Year Composition	ENG102		3
		<i>Writeplacer: 5+; ACT (English): 18+; SAT (English) 460+; 2.6 unweighted GPA for students who completed at least 2 years of high school coursework; or COVID 19 exception EdReady English Placement score of 80+</i>			<i>Grade of "C" or better in ENG101</i>			
Intro. To Literature (ENH110/111)	Introduction to Literature	ENH110		3	Technical and Professional Writing	ENG111		3
		<i>*New students must meet admissions requirements</i>			<i>**Grade of "C" or better in ENG101 or permission of instructor</i>			
Honors French II (421H)	^ Elementary French I	FRE101	not approved yet	4	^ Elementary French II	FRE102	not approved yet	4
		<i>*New students must meet admissions requirements</i>			<i>Grade of C or better in FRE101</i>			
Personal Finance (GBS132)	• Personal and Family Financial Security	GBS132		3	• Personal and Family Financial Security	GBS132		3
Algebra II (650)	^ College Algebra/Functions	MAT151		4	MAT151 continues as yearlong class			
		<i>Accuplacer NextGen AAF: 237+; ACT (Math): 22+; SAT(Math) 530+; or 3.0 unweighted GPA for students who completed at least 2 years of high school coursework. COVID 19 exception EdReady College Algebra Placement of 80+</i>						
Honors Precalculus (657)	^ College Algebra/Functions	MAT187		3	MAT187 continues as yearlong class			
		<i>Grade of "C" or better in MAT15+ or Accuplacer NextGen AAF: 263+</i>						
AP Honors Statistics (659)					Elements of Statistics	MAT206		3
		<i>Grade of "C" or better in MAT142, MAT151, MAT152, or MAT187; Accuplacer NextGen AAF: 263+; or permission of Rio Dept Chair</i>						
AP Honors Calc I (677)	^ ♦ Calculus with Analytic Geometry I	MAT221		4	MAT221 continues as a yearlong class			
		<i>Grade of "C" or better in [MAT182 & (MAT151 or MAT152)], or MAT187; Accuplacer NextGen AAF: 276+</i>						
AP Honors Calc II (MAT231)	^ ♦ Calculus with Analytic Geometry II	MAT231		4	MAT231 continues as a yearlong class			
		<i>Grade of "C" or better in MAT221 or Calc AB or BC score of 3 or higher</i>						



Integrated Physical Science (231)	^ Introduction to Physics (lab included)	PHY101		4	PHY101 continues as a yearlong class			
<i>Grade of "C" or better in high school Trigonometry, MAT182, MAT187, MAT220 or MAT221; Accuplacer AAF: 276+; or permission of Rio Dept</i>								
H. General Physics (PHY111)	^ General Physics I (lab included)	PHY111		4	PHY111 continues as a yearlong class			
<i>Grade of "C" or better in high school Trigonometry, MAT182, MAT187, MAT220 or MAT221; Accuplacer AAF: 276+; or permission of Rio Dept</i>								
American Govt. & Politics (042)	• American National Government	POS110		3				
<i>*New students must meet admissions requirements</i>								
Psychology (916)	• Introduction to Psychology	PSY101	not approved yet	3	• Introduction to Psychology	PSY101	not approved yet	3
Honors Spanish II 101/102 (411H)	^ Elementary Spanish I	SPA101		4	^ Elementary Spanish II	SPA102		4
<i>*New students must meet admissions requirements</i>								
<i>Grade of C or better in SPA101</i>								
H. Spanish 3 (412)	^ Intermediate Spanish I	SPA201		4	^ Intermediate Spanish II	SPA202		4
<i>Grade of "C" or better in SPA102 or SPA111; 2 years of high school Spanish with a "C" or better; or permission of Rio Dept</i>								
<i>Grade of "C" or better in SPA201; 3 years of high school Spanish with a "C" or better; or permission of Rio Dept</i>								

Legend:

^ Lower classmen may be eligible for this course.

◆ Tuition is due in fall semester, but credit for full-year courses is awarded at the end of the spring semester.