# HERITAGE ACADEMY LAVEEN

# **COURSE CATALOG**

2017-2018



# CONTENTS

General Information	1
What's new for 2017-2018?	1
Registration process	2
Dual Enrollment and AP courses	3
Course Scheduling	3
Schedule Change Process	3
Late Registration and Add/Drop Policies	3
Education and career action plan	4
Admission to Colleges and Universities	4
Graduation Requirments and University Admission Standards	4
State of Arizona High Honors Tuition Waiver Sholarship	5
High school Graduation Requirment Plan	6
Policies and procedures	7
Credits	7
Repeating a Course	7
Transferablity of Credits	8
Extracurricular eligibility	8
7 <sup>th</sup> and 8 <sup>th</sup> grade education program	9
Classical Languages	9
Mathematics	9
Reading and writing	10
Elective courses	10
Junior High Course Electives	10
Recommended 7th and 8th grade Course Schedule	11
Jr. High Class Schedule	11
High School Curriculum Guide	12
High School Course Electives	12
Required courses for graduation	13
Recommended high school course sequence	13
High School Class Schedule	14
Course Offerings	14
English	14
131 American Literature I* S – 1 cr	14
167 Honors American Literature I S - 1 CR	14

141 AMERICAN Literature II*		S - ½ cr
<del></del>	I S-1 cr	14
15		. 1-10
133 Honors British Literature*	Y - 1 cr	15
148 Yearbook/Journalism	Y - 1 cr	15
132 World Literature*	Y - 1 cr	15
147 Honors World Literature*	Y - 1 cr	15
Dual Enrollment English		15
<b>ENG101 First-Year Composition</b>	S – ½ cr	15
<b>ENG102 Second-Year Composition</b>	S - ½ cr	15
EN110 Introduction to Literature	S - ½ cr	15
Foreign Languages		15
410 Spanish I Y - 1	cr	15
411 Spanish II		Y - 1 cr
16		
<b>412b Spanish III</b>		Y - 1 cr
AP Spanish language		Y - 1 cr
16		
420 French I	Y - 1 cr	16
421 French II		Y - 1 cr
16		W 4
<b>422 French III</b>		Y - 1 cr
History		16
, and the second	Y - 1 cr	
,, , ,	Y - 1 cr	
·	Y - 1 cr	
•	n* S - ½ cr	
Economics	S - ½ cr	
dual enrollment/ap History		17
	Y - 1 cr	
	Y - 1 cr	
Mathematics		
630 Algebra I* Y	- 1 cr	17
645 Geometry*	Y - 1 cr	17
650 Algebra II*	Y - 1 cr	18

5			Y - 1 cr
18			
651 Pre-Calculus			
670 CALCULUS			
651 financial algebra			
619 Math Lab			
Dual Enrollment			
Mathematics			
MAT151 College Algebra / F	Functions Y - 1 cr		18
659 AP STATISTICS			
Science			19
212 Conceptual Science*	S – 1 Cr		19
220 Biology*	Y - 1 cr		19
AP BIOlogy	Y - 1 cr		19
230 Chemistry			Y - 1 cr
19			
AP chemistry	Y - 1 cr		
215 Anatomy & Physiology			
•	Y - 1 cr		
Computers			20
820 Computers	S - ½ cr		20
830 Advanced Computers	S - ½ cr		20
Dual Enrollment Computer Scier	nce Courses		20
<b>CIS105 Survey of Computer</b>	information Systems	S - ½ cr	20
Fine Arts/Music			20
565 Senior Art			S - ½ cr
20			
565 advanced Senior Art	S - ½ cr		20
AP Music Theory			Y - 1 cr
20 <b>Drama / Performance</b>			21
•			S - ½ cr
534 Drama Fundamentais	21		3 - ½ CI
537 Honors Drama			S - ½ cr
21			J /2 01
538 Stage Craft	S – ½ cr		21
Orchestra/ Band / guitar			21
110 Symphonty Orchestra			Y - 1 Cr

320 Concert Orchestra21		Y – 1 Cr
330 Concert Band	Y - 1 Cr	21
335 GUITAR S - ½ cr		21
Choir		21
343 Women's Choir	S – ½ cr	21
346 Men's Choir S - 1	½ cr	21
<b>344 concert choir</b> 21		S - ½ cr
525 Ballroom Dance	S - ½ cr	22
<b>526 Ballroom Dance II</b> 22		S - ½ cr
<b>727 Ballroom Dance III</b> 22		S - ½ cr
501 dance I - Beginning Dance	S – ½ cr	22
502 Dance II - Intermediate Dance	S - ½ cr	22
503 dance III - Pre Advanced Dance	S - ½ cr	22
504 dance IV - Advanced Dance	S – ½ cr	22
506 Ballet S - ½ cr		22
Physical Education		23
701 Kenpo I	S - ½ cr	23
702 Kenpo II	S - ½ cr	23
703 Kenpo III		s− ½ cr
23		
	r	
750 P.E.	S – ½ cr	
<b>755 Weight Training</b> 23		S – ½ cr
•	S – ½ cr	
Individual Sports		
754 Golf S	– ½ cr	
760 Swimming	S – ½ cr	24
Team Sports		24
Boy's schedule		24
<b>752 Boys Basketball</b> 24		Y – 1 cr
756 Soccer	S - ½ cr	24
757 Rasehall	$S = \frac{1}{2}$ cr	24

758 Tackle Football	S - ½ cr	24
761 Girls Volleyball	S- ½ Cr	24
762 Girls Basketball	S- ½ cr	25
763 Girls Softball	S- ½ cr	25
College Fast Track Program – Dual Ei	arollment/AP	26
Is there financial assistance?		
DUAL ENROLLMENT CHECK LIST- Ric	Salado CC	27
Dual Enrollment Admission and Test	ing Guidelines	28
Dual Enrollment Course Offerings		29
English		29
ENG101 First-Year Composition	S - ½ cr	29
ENG102 Second-Year Composition	on S – ½ cr	29
EN110 Introduction to Literature	e S - ½ cr	29
Mathematics		29
MAT151 College Algebra / Func	tions Y - 1 Cr	29
Computers		29
CIS105 Survey of Computer info	rmation Systems S – ½ cr	29
General Elective		29
AJS109 Substantive Criminal Lav	v S - ½ cr	29
History		29
HIS 110 - World Themes	S - ½ cr	29
HIS 114 - U.S. Themes	S - ½ cr	30

#### GENERAL INFORMATION

The *Heritage Academy* Course Catalog has been designed to provide course selection information for the 2017-2018 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 2017-2018 school year. It is important to review graduation requirements and ensure that course selections are made with serious consideration. Some courses may have prerequisite requirements that must be satisfied to enroll in the course.

It should be noted that not all of the courses offered will be made available due limited student requests and teacher availability. For this reason it is important during the pre-registration period to make thoughtful selections to equalize course enrollments and minimize scheduling changes.

# WHAT'S NEW FOR 2017-2018?

**New Early College courses taught at Heritage Academy.** Heritage Academy Laveen is to expand the Dual Enrollment and AP course offerings. These courses offer scholars great flexibility and opportunity to forge ahead with academic goals. Scholars may enroll in Math, English, History, Foreign Language, and Computer Science courses and receive credit at either Rio Salado Community College or Grand Canyon University. The following dual enrollment courses will be made available for the first time in the 2017-2018 academic year.

- HIS 110 World History Themes
- AJS 109 Substantive Criminal Law
- POS 110 American Government

Heritage Academy Laveen will be offering more AP courses. AP courses allow for scholars to work at an accelerated pace and receive the opportunity of college credit based off of an exam that is offered at the end of each academic school year. Teacher recommendation is required in order to take AP courses. The following courses will be offered:

- AP Biology
- AP Chemistry
- AP Music Theory
- AP Statistics
- AP Spanish Language and Culture

**French III** will allow scholars to further their comprehension and fluency in the French language. This will prepare them to take an AP French course the following year.

**Ballet** will teach scholars that have taken multiple years of dance and are looking to receive a distinction. This will give them a more detailed and further understanding of ballet in addition to the other dance courses offered.

#### **REGISTRATION PROCESS**

Scholars will use an online course registration program beginning on March 27, 2017.

You will be requesting for the whole year at this time; it is therefore important that scholars make course selections carefully as classes are formed based on student requests. Some courses listed in the catalog may not be available if the registration is not sufficient to hold the class. Each student 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. All registration matters will be handled via email. Schedules will be available for review through Parent Portal access one week prior to the start of school. Final schedules will be handled out on the first day of school.

To register for courses go to <a href="www.halaveen.com">www.halaveen.com</a> and input your ID and password. Once you are in PowerSchool, select the "Register for Classes" tab and follow the directions on the enrollment screen. If unable to access account or need to retrieve user ID and password please email <a href="admin@heritageacademyaz.com">admin@heritageacademyaz.com</a> or contact the front office.

#### **Course Fees:**

For courses with an associated course fee, payment for both semesters is **due in full** no later than **August 4, 2017**. Any scholar with an outstanding balance to the school will not be enrolled into any fee-bearing course until the balance is paid in full or a payment arrangement has been 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 effective **August 8, 2017**.

#### **DUAL ENROLLMENT AND AP COURSES**

Heritage Academy offers ambitious scholars the opportunity to concurrently enroll in college-level course 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 or AP instructors. Dual enrollment courses are transferable to Arizona public colleges and universities easing the transition from high school to college. In addition scholars are also given the opportunity to take AP courses. These courses are a high level of rigor. At the end of the academic school year scholars will take the AP exam (\$93 per exam) for the particular course they are enrolled in. Based off of the score and the college that the scholar attends, they will have the option of receiving college credit.

#### **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 a sufficient number of scholars do not request a course, the course will not be made available. In the event that 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 owing to the school, he/she 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

Scholar-initiated schedule changes will begin on the second day of class. The scholar will be required to submit a signed and completed <u>Course Schedule Change Request</u> form no later than six days following the beginning of the semester. <u>Changes will be processed based on course availability and in the order they are received</u>. No schedule change requests or changes will occur after the <u>second week</u> of the semester with the exception of teacher requests.

A scholar's schedule may only be changed under the following conditions:

- Scholar has already received credit for a scheduled course
- An additional course is needed for graduation completion
- Scholar failed to meet prerequisite for course
- Successful completion of accredited course during summer
- Administrative discretion (imbalance of class loads, loss of course due to availability, etc.)

#### LATE REGISTRATION AND ADD/DROP POLICIES

- Scholars registering late or wishing to change classes must do so in the first two weeks of the semester
- No classes may be added after the first two weeks of the semester with the exception of teacher requests
- All scholars who are on campus must be enrolled in a class; no scholar will be allowed to loiter at the school
- Scholars wishing to drop a class must do so within the first four weeks of the semester without penalty

#### **EDUCATION AND CAREER ACTION PLAN**

In accordance with Arizona Administrative Code R7-2-302-.05, effective for the 2013 graduation class each scholar in grades 9-12 will participate in the development of an individual Education and Career Action Plan (ECAP). The ECAP will encompass each scholar's high school graduation plan, post-secondary education opportunities (admissions requirements, applications, and financial assistance), and career aspirations in an effort to help each scholar reach their fullest potential. To ensure that each student is developing and progressing with his/her plan a *College Coach* is available and working with the scholars semi-annually.

#### ADMISSION TO COLLEGES AND UNIVERSITIES

Scholars planning to attend four-year colleges or universities should determine the entrance requirements of the particular school they wish to attend. Scholars applying to Arizona universities must meet the following general requirements:

- For unconditional admission, a student must rank in the top 25 percent of his/her graduating class, have an overall grade point average of 3.0 or higher, and have a minimum score of 22 on the ACT or 1040 on the SAT test, and complete the course requirements
- For conditional admission, a student must rank in the upper 50 percent his/her graduating class, have an overall minimum grade point average of 2.5 with an ACT score of 22 or an SAT score 1040.

#### GRADUATION REQUIRMENTS AND UNIVERSITY ADMISSION STANDARDS

The following table illustrates the course requirements for completion of a high school diploma at Heritage Academy, as well as recommendations for satisfying in-state university and college competencies. University and college competencies may vary by institution; therefore, scholars should carefully examine admission requirements in college catalogs and specific college websites. Scholars should consult with parents and school advisors in regards to course selections and credits.

Heritage Academy Curriculum	General Graduation Requirements	Honors Classes Available	Dual Enrollment Courses	In-State University / College Competencies
ENGLISH	4 credits	2	2	4 credits (composition and literature based)
МАТН	4 credits		2	4 credits 1 year each of: Algebra I, Geometry, Algebra II, and an advanced class where Algebra II is prerequisite
SCIENCE	4 credits  Must complete 1 credit each of 3 different sciences. (Bio, Chemistry, Physics, Anatomy & Physiology)		2	3 credits 1 credit each of 3 different lab sciences selected from the following: Chemistry, Physics, or Biology, Earth Science
HISTORY	<b>3 credits</b> World His, Am His, Economics & Gov.		2	<b>2 credits</b> Am. Hist. and 1 other
FOREIGN LANG.	2 credits		1	2 credits 2 years of same language
FINE ARTS	1 credit			1 credit
PE	1 credit			
REQUIRED CORE COURSES	21 credits			16
ELECTIVE COURSES	7 credits		2	4
TOTAL REQUIRED	26 credits			20

# STATE OF ARIZONA HIGH HONORS TUITION WAIVER SHOLARSHIP

Graduates from an Arizona high school may be eligible for a 25 % in-state university tuition waiver. Additional information, qualifications, and scholarship criteria can be found at <a href="http://www.azed.gov/endorsement-tuition-scholarship">http://www.azed.gov/endorsement-tuition-scholarship</a>/ or by contacting the Arizona Department of Education.

#### **QUALIFICATIONS (CLASS OF 2013 & BEYOND)**

Students must have Arizona residency with lawful immigration status AND meet the following academic criteria:

#### Part 1 (Core Competency)

Complete all 16 Core Competency Courses by graduation with a B\* or better or receive an acceptable score (\*See Table I) on the Advance Placement (AP) or a 4 on the International Baccalaureate (IB) exam for that subject matter.

The **16 Core Competency Courses** as defined by the Arizona Board of Regents Tri-University Admission requirements are: 4 units English; 4 units Math; 3 units Lab Science; 2 units Social Science; 2 units Foreign Language; and 1 unit Fine Arts.

\* A "C" in a weighted course (Honors or Advance Placement course) does not convert to a "B". The grade is as reflected on the student's transcript.

If a student receives a "C" in any unit of credit of a core course (weighted or unweighted), he/she must complete one of the following options to remain eligible: 1) Retake the unit of credit and receive a "B" or better; 2) Take an additional unit of credit in that subject matter and receive a "B" or better; 3) Receive an acceptable score (\*See Table 1) on the Advance Placement (AP) exam or a 4 on the International Baccalaureate (IB) exam for that subject area.

#### AND

#### Part 2 (GPA/Class Rank)

Students must meet at least one of the following academic requirements:

**Option 1: GPA:** A minimum **core** GPA of 3.50 in the 16 competency courses on an un-weighted 4.00 scale **OR** for those districts which use a 5.00 scale for IB/AP/Honors courses, an equivalent **core** GPA on a weighted scale that meets or exceeds the value in \*Table 2.

Option 2: Class Rank: Student is in the top 5% of their high school graduating class.

#### AND

# Part 3 (AIMS Exams)

Students must meet at least one of the following assessment options:

Option 1: EXCEED Standards on all 3 of the AIMS HS exams by the end of their junior year.

Option 2: EXCEED Standards on 2 of the AIMS exams and MEET Standards on 1 of the AIMS HS exams by the end of their junior year. Additionally, student would need to receive a minimum score of 3 on two Advanced Placement exams or a minimum score of 4 on two International Baccalaureate exams. AP/IB exams may be taken during the senior year.

#### AND

<u>Part 4</u> (ACT/SAT1) Students must meet at least one of the following admissions test options and submit scores to the universities they apply to:

- Option 1: At least 28 on the ACT test.
- Option 2: At least 1300 on the SAT1 test (critical reading & math, excluding essay).
  - \* Table 1 & Table 2 are on the website (<u>www.azed.gov/asd/tuitionwaiver</u>).

# HIGH SCHOOL GRADUATION REQUIRMENT PLAN

4 Year - 26 Credit High School Graduation Program				
Student Name: Student ID#:				
	21 Core Cı	ırriculum Credits		
4 English Credits:				
4 Mathematics Credits:				
4 Science Credits: Three must	contain a laboratory component			
☐ Conceptual Science	Biology			
3 credits History: Must include	one credit in each World History & A	American History. Half cre	edit each of Gov. and Economics	
☐ World History ☐	American/U.S. History	U.S. Governm	ment/Constitution   Economics	
2 Foreign Language Credits:	credits need to be two years of same	e language		
2 Fine Arts Credits: Four Seme	ster Courses			
2 Physical Education: Four Ser	mester Courses		•	
	5 Elec	tive Credits:		
Signa	atures	Passing	ng Score on AIMS:	
Student:		☐ Rea	eading Math	
Parent/Guardian:		☐ Wri	riting Science*	
Date:		(* curre	rently not a graduation requirement)	

# **POLICIES AND PROCEDURES**

#### **CREDITS**

Course credits will be 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. Junior High scholars are required to take four credit hours per semester. Freshman, sophomores, and juniors are required to take a minimum of three credit hours per semester. Seniors should review credits to ensure that all graduation requirements are fulfilled prior to registration and course selection.

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	Quality Points
97 & above	A+	4.33	77-79	C+	2.33
93-96	Α	4.00	73-76	С	2.00
90-92	A-	3.67	70-72	C-	1.67
87-89	B+	3.33	67-69	D+	0.00
83-86	В	3.00	63-66	D	0.00
80-82	B-	2.67	60-62	D-	0.00

#### REPEATING A COURSE

High School scholars failing a core class will be required to retake the course.

If the course is taken as a correspondence course, the scholar will need to complete the <u>Permission to Substitute a</u> <u>Class</u> 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 will not apply to seventh and eighth grade students.

In nearly every case, a student fails a class because of not doing the required work. Students will want to seriously consider the consequences of not doing the required work during the regular school semester/year. It is much easier to do the work when assigned than to choose not to do the work and then have to make it up during the summer. Summer school classes cost money and take time from family and vacation time.

#### TRANSFERABLITY OF CREDITS

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

# 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 in order to participate in athletics, musicals/plays, concerts, dance performances, school trips, and clubs:

- Scholars must maintain a minimum grade of C- (70%) the week of event 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:
  - o Parent Consent and Emergency Contact Information Form
  - o Athletic Participation and Fee Form
  - o <u>Transportation Permission Form</u>
  - o Current physical examination form completed by an MD or DO

# 7<sup>TH</sup> AND 8<sup>TH</sup> 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 of our scholars to strive for excellence, so that the foundation that is laid in junior high becomes a stepping stone to further success. In order to assist our scholars in this pursuit, we offer classes in classical languages, reading, and writing to supplement the basic course work.

#### **CLASSICAL LANGUAGES**

#### 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 SAT 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

# **MATHEMATICS**

Each student is placed in a math class based on the score of their entrance placement exam. On the first day of class, another assessment is given to help determine if the placement is the right place for the student. If a change is recommended, 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. If parents or scholars feel the placement is not a good fit, feel free to contact the teacher. Jr. High level math courses are as follows:

#### **GENERAL MATH**

This is the 7<sup>th</sup> grade math class. The curriculum is based on the AZ state **7**<sup>th</sup> **grade** math standards found at <a href="http://www.azed.gov/azccrs/mathstandards/">http://www.azed.gov/azccrs/mathstandards/</a>. 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 <a href="https://www.classzone.com">www.classzone.com</a>.

Requirements: Scientific calculator
Textbook: McDougal Littell, Math Course 2

#### PRE-ALGEBRA

This course is for 7<sup>th</sup> and 8<sup>th</sup> grade scholars. The curriculum is based on the AZ state math standards for **both 7<sup>th</sup> and 8<sup>th</sup> grade**. These can be found at <a href="http://www.azed.gov/azccrs/mathstandards/">http://www.azed.gov/azccrs/mathstandards/</a>. 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 <a href="https://www.classzone.com">www.classzone.com</a>.

Requirements: Scientific calculator
Textbook: McDougal Littell, Pre-Algebra

# READING AND WRITING

All 7th grade scholars who do not pass the reading/writing Heritage Academy placement test will be enrolled in a Reading/Writing Skills Class, unless they have demonstrated proficiency in a Heritage Academy reading/writing summer school class. All 7th and 8th graders will be enrolled in yearly English classes, and all 8th graders will be enrolled in a one semester class, Library Science, in addition to the regular English class. Scholars will focus on improving skills in research and writing in Library Science.

7th and 8th grade English classes offer challenging curriculums focused on literature, grammar, speaking, and writing skills. The studies of classic literature from a variety of genres include critical thinking and follow up writing experiences. The composition program emphasizes writing as a process: prewriting, rough drafts, revising, editing, and publishing of final copies.

Scholars will write friendly and business letters, five-paragraph expository essays, literary analysis essays, personal narrative essays, creative narrative essays, and persuasive essays. Writing is scored according to a rubric based on traits of good writing, and scholars will learn how to critique their own writing. Scholars will also write responses to literature, nonfiction and poetry, and will write their own poetry. The focus in grammar is on parts of speech, spelling, punctuation, capitalization, and sentence structure.

# **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 7<sup>th</sup> grade scholars need to be enrolled in a choir, instrumentals, or general music class; all 8<sup>th</sup> grade scholars need to be enrolled in an art, choir, general music, or an instrumentals class. All scholars wishing to join the symphony orchestra will audition will be placed according to skill level. Classes are available from beginning to advanced levels.

Scholars are also encouraged to develop their physical abilities. All junior high scholars are required to take at least one P.E. class each year. Heritage Academy offers P.E. classes and competitive team sports which include after school programs.

Girls' P.E. classes include: Kenpo, PE, and any sport.

Girls' team sports include: volleyball (fee required), basketball (fee required), soccer (fee required), softball (fee required), and golf (fee required – non-refundable once semester starts). The team sports will involve league competition in the Canyon Athletic Association (CAA).

Boys' P.E. classes include: Kenpo, PE, and any team sport

Boys' team sports include: flag football (fee required), basketball (fee required), baseball (fee required), soccer (fee required), and golf (fee required). Team sports will compete in the Canyon Athletic Association. (CAA) For course descriptions please see the Course Curriculum guide below.

# JUNIOR HIGH COURSE ELECTIVES

Elective	Fee	Boys	Girls
Basketball	\$125	✓	✓
Baseball	\$100	✓	
Flag Football	\$75	✓	
Soccer	\$75	✓	✓
Volleyball	\$100		<b>√</b>

Elective	Fee	Boys	Girls
Golf	\$75	✓	✓
Dance	\$25	✓	✓
Kenpo I-II	N/A	✓	✓
Fitness	N/A	✓	
Swimming	\$150	<b>~</b>	<b>✓</b>

# RECOMMENDED 7<sup>TH</sup> AND 8<sup>TH</sup> GRADE COURSE SCHEDULE

The Junior High School student 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	
Classic Languages	Classic Languages	
Reading or Elective	Reading or Elective	
Choir, Band or Orchestra	Choir, Band or Orchestra	
Kenpo, Dance, Fitness or Team Sports	Drama, Art or Team Sports	

8th Grade		
1st Semester	2nd Semester	
English	English	
Math	Math	
History	History	
Science	Science	
Classic Languages	Classic Languages	
Library Science or Elective	Library Science or Elective	
Art, Choir, Band or Orchestra	Art, Choir, Band, Orchestra or Elective	
Computers, Drama or Team Sports	Kenpo, Dance, Fitness or Team Sports	

# JR. HIGH CLASS SCHEDULE

# Jr. High (7 & 8 Grades)

Day	Period 1	Period 2	Jr. High Lunch	Citizenship	Period 3	Period 4
A (Mon & Wed)	7:30 – 9:03	9:11 – 10:48	10:48 – 11:17	11:17 – 11:42	11:42-1:15	1:23-3:00
<b>B</b> (Tues & Thu)	7:30 – 9:03	9:41 - 11:18	10:48 – 11:17	11:17 – 11:42	11:42-1:15	1:23-3:00

# 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. Additionally, scholars are encouraged to achieve excellence beyond the requirements for graduation. Those who go beyond the requirements for graduation may enroll in one or more honors classes. Scholars who plan on attending a 4-year college or university should pay particular attention to the requirements below. Those attending a junior college will also need to satisfy all the entrance requirements of the Arizona universities, either in high school or at the junior college level before advancing.

Heritage Academy Curriculum	General Graduation Requirements	Honors Classes Available	Dual Enrollment Courses	In-State University / College Competencies
ENGLISH	4 credits	2	2	4 credits (composition and literature based)
MATH	4 credits		2	4 credits 1 year each of: Algebra I, Geometry, Algebra II, and an advanced class where Algebra II is prerequisite
SCIENCE	4 credits  Must complete 1 credit each of 3 different sciences. (Bio, Chemistry, Physics, Anatomy & Physiology)		2	3 credits 1 credit each of 3 different lab sciences selected from the following: Chemistry, Physics, or Biology, Earth Science
HISTORY	3 credits World His, Am His, Economics & Gov.	1	2	2 credits Am. Hist. and 1 other
FOREIGN LANG.	2 credits		1	2 credits 2 years of same language
FINE ARTS	2 credits	Teacher Approval		1 credit
PE	2 credits	Teacher Approval		
REQUIRED CORE COURSES	21 credits			16
ELECTIVE COURSES	5 credits		2	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 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 Canyon Athletic Association. (CAA) For course descriptions please see descriptions as listed in the High School Curriculum guide below.

#### HIGH SCHOOL COURSE ELECTIVES

Elective	Fee	Boys	Girls
Basketball	\$125	✓	✓
Baseball	\$100	✓	
Tackle Football	\$225	✓	✓
Soccer	\$75	✓	✓
Volleyball	\$100		✓
Softball	\$75		✓
Swimming	\$150	✓	✓

Elective	Fee	Boys	Girls
Golf	\$75	✓	✓
Dance or Ballet	\$25	✓	<b>&gt;</b>

Elective	Fee	Boys	Girls
Kenpo I-V	N/A	✓	✓
Ballroom Dance I-	N/A	✓	✓
Weight Training	N/A	✓	✓
Physical Education	N/A	✓	✓

# 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.

<u>Subject</u>	Grade course is taken	<u>Credits</u>
History – (4 credits required)		
World History	9 <sup>th</sup>	1
American History (Dual Enrollment option)	10 <sup>th</sup> or 11 <sup>th</sup>	1
Economics (Dual Enrollment option)	11 <sup>th</sup> or 12 <sup>th</sup>	.50
American Government	12 <sup>th</sup>	.50
English – (4 credits required)		
American Literature I	9 <sup>th</sup>	1
American Literature II	10 <sup>th</sup>	1
British Literature / World Literature	11 <sup>th</sup> and 12 <sup>th</sup>	1
ENG 101 / ENG 102 (Dual Enrollment option)	11 <sup>th</sup> and 12 <sup>th</sup>	1
Mathematics – (4 credits required)		
Algebra I	9 <sup>th</sup>	1
Geometry	10 <sup>th</sup>	1
Algebra II (Dual Enrollment option)	11 <sup>th</sup>	1
Pre-Calculus	12 <sup>th</sup>	1
Science – (4 credits required)		
Conceptual Science (required)	9 <sup>th</sup>	1
Biology (required)	10 <sup>th</sup>	1
Recommended Science Courses		
Chemistry	11 <sup>th</sup>	1
Physics	11th-12 <sup>th</sup>	1
Anatomy	11 <sup>th</sup> -12 <sup>th</sup>	1
Foreign Language – 2 credits required	9 <sup>th-</sup> 12 <sup>th</sup>	2
**Must have 2 credits in the same language**		
Fine Arts – 2 credits required	9 <sup>th-</sup> 12 <sup>th</sup>	2
P.E./Health – 2 credits required	9 <sup>th-</sup> 12 <sup>th</sup>	2

# RECOMMENDED HIGH SCHOOL COURSE SEQUENCE

9th Grade	10th Grade	11th Grade	12th Grade
American Literature I	American Literature II	British or World Lit	World or British Lit
Geometry	Algebra II	Pre-Calculus	Calculus
Conceptual Science	Biology	Chemistry	Physics
World History	American History	American History (Dual Enrollment option)	Government
1st Year Foreign Language	2nd Year Foreign Language		

## High School (9 - 12 Grades)

Day	Period 1	Period 2	Citizenship	HS Lunch	Period 3	Period 4
A (Mon & Wed)	7:30 – 9:03	9:11 – 10:48	10:48 – 11:17	11:17 – 11:42	11:42 – 1:15	1:23 – 3:00
B (Tues & Thu)	7:30 – 9:03	9:11 – 10:48	10:48 – 11:17	11:17 – 11:42	11:42 – 1:15	1:23 – 3:00

# **COURSE OFFERINGS**

S = Semester Class (meets every other day)

Y = Yearlong Class (meets every other day)

\* = Required Class

# **ENGLISH**

#### Subject area goals:

- To introduce scholars to a variety of literary works, instilling 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.

Note: **English classes for Juniors and Seniors** will be offered in alternating years World Literature will be offered in the 2016-2017 calendar school year, and British Literature will be offered in the 2017-2018 school year.

#### **131 AMERICAN LITERATURE I\***

S - 1 CR

Scholars will focus on early American literature from the Indians & Puritans to the middle of the 19<sup>th</sup> century with an emphasis on defining parts of literature as well as identifying the movements that influenced these authors/poets in their time periods. Students will be challenged to analyze/interpret various novels, short stories, and poems through discussion and projects. The following classics will be studied: *The Crucible* by Arthur Miller, *Huckleberry Finn* by Mark Twain, *Shane* by Jack Schaefer, *Out of the Dust* by Karen Hesse, and *The Giver* by Lois Lowry \*9th Grade English Literature Class – One semester Prerequisite: None

#### **167 HONORS AMERICAN LITERATURE I**

S – 1 CR

Accelerated 131 course scholars will be challenged to be more independent and be prepared to discuss the classics on a deeper level. Higher expectations and extra projects required.

9th Grade English Literature Class Prerequisite: Teacher approval

#### **141 AMERICAN LITERATURE II\***

S - 1/2 CR

An integrated language arts course focusing on 19<sup>th</sup> and 20<sup>th</sup> century authors/poets in American Literature. Students will develop organizational and group skills through projects and presentations. Evaluating literary elements and developing reading strategies will be accomplished through an in-depth study of the following classics: *The Scarlet Letter* by Nathaniel Hawthorne, *To Kill a Mockingbird* by Harper Lee, *The Wave* by Todd Strasser, and *Tuesdays with Morrie* by Mitch Albom.

\*10th Grade English Literature Class – One semester Prerequisite: None

#### 167B HONORS AMERICAN LITERATURE II S – 1 CR

Accelerated 131B course scholars will be challenged to be more independent and be prepared to discuss the classics on a deeper level. Higher expectations and extra projects required.

10th Grade English Literature Class Prerequisite: Teacher approval

#### **133 BRITISH LITERATURE\***

Y - 1 CR

An integrated language arts course focusing on a survey of British Literature studied in the context of the religious, social and political influences on the authors. Evaluation of literary elements and critical analysis through writing will be stressed as scholars study the following classics: *Ivanhoe* by Sir Walter Scott, *Pride and Prejudice* by Jane Austen, *Macbeth* by William Shakespeare, *The Time Machine* by H.G. Wells, *Dr. Jekyll and Mr. Hyde* by Robert Louis Stevenson, and *The Screwtape Letters* by C.S. Lewis.

\*Offered every other year. (2015-2017)

Prerequisite: American and Heroes in Literature

#### **133 HONORS BRITISH LITERATURE\***

Y - 1 CR

Accelerated 133 course students will be challenged to be more independent and be prepared to discuss the classics on a deeper level.

Offered every other year. (Current 2015-2017 year) Prerequisite: Teacher approval

#### 148 YEARBOOK/JOURNALISM

Y - 1 CR

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** 

#### **132 WORLD LITERATURE\***

Y-1 CR

This course integrates writing for a variety of audiences with a study of literature. Universal themes in literature are explored in the fiction, nonfiction, poetry, drama and short stories of many cultures and many eras. Composition emphasizes research skills, multi-paragraph exposition, critical analysis and thesis development and defense.

\*Offered every other year. (2015-2017)
Prerequisite: American Literature

# 147 HONORS WORLD LITERATURE\*

Y - 1 CR

Accelerated 132 course scholars will be challenged to be more independent and be prepared to discuss the classics on a deeper level.

\*Offered every other year. (2015-2017) Prerequisite: Teacher recommendation

#### **DUAL ENROLLMENT ENGLISH**

#### **ENG101 FIRST-YEAR COMPOSITION**

S – ½ CR

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

Prerequisites: Appropriate writing placement test score,

or a grade of C or better in ENG091 or ESL097.

May be substituted for either World or British Literature

#### **ENG102 SECOND-YEAR COMPOSITION**

S – ½ CR

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.

Rio Salado College: 3 credits

Prerequisites: Grade of C or better in ENG101

May be substituted for either World or British Literature

#### **EN110 INTRODUCTION TO LITERATURE**

S – ½ CR

Scholars will place more emphasis and study various types of literature and their application today.

Rio Salado College: 3 credits

Prerequisites: Grade of C or better in ENG101/ENG 102

May be substituted for either World or British Literature

#### **FOREIGN 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.

#### 410 SPANISH I

Y - 1 CR

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.

**Prerequisites: None** 

#### 411 SPANISH II Y – 1 CR

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.

Prerequisites: Spanish I or a Native Speaker

#### 412B SPANISH III

Y - 1 CR

This course provides further refinement of the skills acquired in the first and second year. Level 2 skills are reviewed and new skills are added in the areas of reading, writing and speaking. Appropriate cultural components are studied.

Prerequisites: Spanish II

#### **AP SPANISH LANGUAGE**

Y - 1 CR

This elective is recommended for college bound scholars This course is taught mostly in Spanish and scholars will be required to speak, read, listen, and write in Spanish using correct grammar. Field trips and additional cultural activities will be a part of the curriculum. This course will include the reading and study of a classic in Spanish.

Prerequisites: Spanish 1 & 2 or teacher approval

#### 420 FRENCH I

Y - 1 CR

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.

# **421 FRENCH II**

Y - 1 CR

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.

Prerequisites: French I

# 422 FRENCH III

Y – 1 CR

This course provides further refinement of the skills acquired in the second year. Level 2 skills are

reviewed and new skills are added in the areas of reading, writing and speaking. Appropriate cultural components are studied.

Prerequisites: French II

#### **HISTORY**

#### Subject Area Goals:

- To instill into the minds and hearts of the scholars knowledge and respect for the ideals and values of the great men and women of history, including those who founded the American nation.
- Scholars will also prepare to be ready to provide selfless service to their country to assist in restoring America's greatness.
- Scholars must complete 3 years of history. Scholars must complete American History, World History, American Government/U.S. Constitution & Economics.

#### 043 WORLD HISTORY/GEOGRAPHY\*

Y - 1 CR

This course will begin with the Fertile Crescent down to the beginning of written history. Scholars will then study migrations, geography, cultures and peoples from ancient, medieval, and modern history. Scholars will learn to compare, contrast and analyze civilizations and cultures with their own and draw lessons from the past which will aid them in knowing what Americans must do to enjoy lasting peace, prosperity and freedom. This course will provide the opportunity for discussion, debate and argument among and between the scholars themselves concerning the great ideas and principles of history.

#### 044 AMERICAN/ARIZONA HISTORY\*

Y - 1 CR

Having previously studied American History, including Arizona History and Economics in a sequential format, the high school scholars will now study it through the "eyes" of people who made significant contributions to the development of the nation. Ideas and concepts of government and human relations will be discussed and debated among and between the scholars. These discussions will be guided by reading selections from great classics such as <u>Washington's Farewell</u>, and A Tale of Two Cities, by Dickens.

Prerequisite: None

#### 044B AMERICAN/ARIZONA HISTORY II

Y - 1 CR

A continuation on American History, including Arizona History and Economics in a sequential format, the high school scholars will now study it through the "eyes" of people who made significant contributions to the development of the nation. Students will spend more time understanding the American History Era post 1800's.

Prerequisite: American History Juniors and Seniors Only

#### 042 AMERICAN GOV / U.S. CONSTITUTION\* S - ½ CR

Scholars will experience their own freedom trail by studying the lessons learned from Jamestown in 1607 through the Constitution in 1787. Scholars will learn how the trials, efforts, failures and eventual triumphs of the Founders make them true American heroes.

This course also includes the study of the substance and meaning of the U.S. Constitution in its original form together with the amendments since added. The course emphasizes original intent 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.

In conjunction with American Government this course will integrate the study of economics. Focus will be on the choices that individuals and societies make in the production, distribution and consumption of goods and services. Scholars will learn when these choices are made in an atmosphere of freedom, with a minimum of government involvement in the marketplace, prosperity results.

Prerequisite: American History & World History

#### ECONOMICS

This course will give the students a greater understanding of economics ranging from the viewpoint of the individual consumer or small business owner to the global economy. The course will study the law of supply and demand, forms of business, labor unions, government finances and influence on the economy, money and prices, inflation and deflation cycles. The course relates history and politics to the study of economics.

**Prerequisites: Junior or Seniors only** 

# **DUAL ENROLLMENT/AP HISTORY**

#### **HIS 110 - AP WORLD HISTORY THEMES**

Y - 1 CR

This course surveys global civilizations from Africa and the Americas to Eurasia as an overview of the principal cultural, political, and economic themes that shaped world civilization.

**Prerequisites: Teacher Recommendation** 

#### HIS 144 - AP U.S. HISTORY THEMES

Y - 1 CR

This course provides an overview of the principal political, economic, and cultural, themes that shaped the United States from the Colonial period into the 20<sup>th</sup> century.

**Prerequisites: Teacher Recommendation** 

#### **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.
   Beginning with the class of 2013, all scholars must complete Algebra I, Geometry, Algebra II and either Pre-Calculus or Trigonometry.

#### 630 ALGEBRA I\*

Y - 1 CR

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.

Prerequisites: Pre-Algebra.

#### 645 GEOMETRY\*

Y - 1 CR

This course will review and extend the skills and topics mastered in Algebra 1. It places emphasis on

S - 1/2 CR

plane geometry and also 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.

Prerequisites: Algebra I. Requirements: Protractor, Ruler, Compass and Scientific Calculator.

#### 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 and for Pre-Calculus.

Prerequisites: Algebra I.

**Requirements: Graphing Calculator** 

#### 652 TRIGONOMETRY

In-depth student of Algebra II and Trigonometry for students not taking Calculus

Prerequisites: Algebra II.

**Requirements: Graphing Calculator** 

#### 651 PRE-CALCULUS Y – 1 CR

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 similar to that of a college freshman or sophomore math course. Scholars who excel in mathematics or are preparing to pursue an engineering or scientific degree in college are strongly encouraged to take this course. Successful completion of this course qualifies a student for a Math Distinction on his or her diploma. Graphing calculator required.

Prerequisites: Algebra II.

Requirements: Graphing Calculator

#### 670 CALCULUS Y – 1 CR

In this course topics that were introduced in Pre-Calculus will be further defined. A definition of derivatives, integrals, three-dimensional coordinates, multi-variate systems, and alternate coordinate systems will be introduced and explored.

Prerequisites: Pre=Calculus.
Requirements: Graphing Calculator

#### **651 FINANCIAL ALGEBRA**

Y-1 CR

An in-depth review of credit cards, mortgages, loans, banking, investment strategies, and other financial principles to help scholars be successful after school with their finances.

Prerequisites: Algebra II and Senior only.

#### 619 MATH LAB

Y - 1 CR

Y - 1 CR

S - 0 CR

Study lab for math; tutors are available to provide assistance.

#### **DUAL ENROLLMENT**

#### **MATHEMATICS**

## MAT151 COLLEGE ALGEBRA / FUNCTIONS Y-1 CF

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems.

Additional topics may include matrices, combinatorics, sequences and series, and conics.

Prerequisites: Grade of "C" or better in MAT120, or MAT121, or MAT122, or equivalent, or satisfactory score on District placement exam.

Course Notes: <u>Scholars may receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187.</u>

#### **659 AP STATISTICS**

Y - 1 CR

This course will introduce students to the major concepts and tools for collecting, analyzing and drawing conclusions from data. Students are

exposed to exploring data, sampling and experimentation, anticipating patters, and statistical inference.

Prerequisites: Algebra II.

#### **SCIENCE**

#### Subject area goals:

- Scholars will discover the processes of the world around them and begin lifelong experiences in science.
- Scholars are required to take Conceptual Science, Biology plus two other science courses.
- College track scholars should have Biology, Chemistry and Physics.

#### 212 CONCEPTUAL SCIENCE\*

S-1 CR

All ninth-graders take this conglomerate course which was specially designed by teachers at Heritage to prepare Heritage scholars for high school and college-level science classes. A strand of scientific inquiry through the OHEC model weaves throughout the course. Universal critical thinking and problemsolving strategies are also introduced and strengthened throughout the course. The Pre-Physics and Pre-Chemistry topics covered in this course are combined with Thermodynamics and Meteorology to form a foundation for better understanding of topics in Biology and Anatomy, as well.

Prerequisite: None

#### 220 BIOLOGY\*

Y - 1 CR

Scholars explore movement of energy through biological systems, population dynamics, cell structure and how nutrients are used by the cell for life, bimolecular structures including lipids, proteins, sugars and DNA/RNA, genetics and heredity, evolution, classification, plants and comparative anatomy (dissections). Daily activities reinforce learning including frequent group presentations to assess learning (modeling in biology) to report findings and reflect learning. This course includes topics of human reproduction and evolution. Prerequisite: none

AP BIOLOGY

Y - 1 CR

Accelerated 220 course requirements taught through inquiry methods that expect scholars to take more control of their personal learning.

Prerequisite Biology & Teacher Recommendation

#### 230 CHEMISTRY

Y-1 CR

Energy changes affect matter through both physical (thermal and interaction energies) and chemical (breaking and reforming bonds). 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

#### **AP CHEMISTRY**

Y-1 CR

Course includes accelerated 230 Biology course requirements while going deeper into the history and scope of science in today's world.

Prerequisite: Chemistry and teacher recommendation

#### 215 ANATOMY & PHYSIOLOGY

Y - 1 CR

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 of 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.

231 PHYSICS Y-1 CR

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, Vectors, and Optics. Once scholars master the concepts of rectilinear motion, they are introduced to curves, satellites and orbits. A capstone unit on harmonic motion, waves, sound and light finishes this course of study.

Prerequisite: Biology & Algebra II Recommended for Seniors (12<sup>th</sup> grade)

#### **COMPUTERS**

# 820 COMPUTERS S – ½ CR

Scholars will increase their word-processing skills and learn presentation skills. They will learn how to use the spreadsheet software (Excel) from Microsoft. They will learn to make computer slide type presentations utilizing animation, scanned photos and sound (Microsoft PowerPoint). Scholars will also use Internet and other resources to build interesting presentations. Specific individual or group assignments may be given to enhance technological skills. Scanners, digital cameras, printers and CD burners may be utilized in this class.

Prerequisite: Keyboard I or II

# 830 ADVANCED COMPUTERS S – ½ CR

Specific individual or group assignments will be given to enhance technological skills. Scholars will be exposed to computer parts, spreadsheets, and web page design. Scholars will build presentations using clipart, photos, videos, and Internet resources. Scholars will exhibit self-starting skills to initiate projects utilizing the latest technology.

Prerequisite: Teacher approval

# DUAL ENROLLMENT COMPUTER SCIENCE COURSES

# CIS105 SURVEY OF COMPUTER INFORMATION SYSTEMS $S-\frac{1}{2}$ CR

This course is an overview of computer technology, concepts, terminology, and the role of computers in business and society. Discussion of social and ethical issues related to computers. Use of word processing, spreadsheet, database, and presentation software, uses of application software and the Internet for efficient and effective problem solving as well as exploration of relevant emerging technologies.

Rio Salado College: 3 credits Prerequisites: None.

# FINE ARTS/MUSIC

#### **565 SENIOR ART**

S - ½ CR

Senior Art has required art projects that give the student a foundation in the elements and principles of art. It also allows for projects of choice in which the student can explore different art medias and art forms. Medias used are pencil, charcoal, pen and ink, scratch art, soft pastels, acrylic, watercolor, and block printing. Art history and culture are incorporated extensively.

Prerequisite: None

Course can be repeated for additional credit

#### **565 ADVANCED SENIOR ART**

S − ½ CR

Advanced Senior Art has required art projects that give the student a further understanding of elements and principles of art. It also allows for projects of choice in which the student can explore different art medias and art forms. Medias used are pencil, charcoal, pen and ink, scratch art, soft pastels, acrylic, watercolor, and block printing. Art history and culture are incorporated extensively.

Prerequisite: Two years of Art and Teacher Approval Course can be repeated for additional credit

#### **AP MUSIC THEORY**

Y - 1 CR

Course includes a deep look into music theory components. Scholars must have a previous music class and basic background before taking the course. Prerequisite: Any music course or background

# DRAMA / PERFORMANCE

#### **534 DRAMA FUNDAMENTALS**

S - 1/2 CR

Included is a brief study of the history of theatre from the ancient Greeks through the Renaissance and contemporary theatre. One play by William Shakespeare may be read and studied each semester. Drama scholars will perform scenes and monologues, improvisation and pantomime. Focus will be given to the "actor's instrument", developing stage technique and basic performance skills.

Prerequisite: None

#### **537 HONORS DRAMA**

S - ½ CR

Honors Drama scholars will be challenged to excel in all facets of theater. Scholars will perform scenes and monologues from classic plays, and scholars might rehearse and perform in a full-length play. The craft of acting will be studied in depth. A classic film will be viewed and analyzed. A classic play may be studied during the semester.

Prerequisite: Teacher Recommendation. Graduating seniors will have priority.

#### **538 STAGE CRAFT**

S-1/2 CR

This class will cover most aspects of the technical side of a stage production, including set design and construction, lighting, sound, backstage crew, curtain operation, stage management, etc. Prerequisite: High School students only

# ORCHESTRA/ BAND / GUITAR

#### 110 SYMPHONTY ORCHESTRA

Y - 1 CR

Audition required Class size: maximum of 65 scholars consisting of winds, brass, percussion, and strings. This class performs HS level music. Scholars will perform classical repertoire. Scholars will work with clinicians/professional artists, attend professional concerts, and perform in the community and at festivals. 30 min/day practice required (5 days/week). Playing tests, written assignments, etc. will be given as necessary.

**Prerequisite: Audition Required** 

#### 320 CONCERT ORCHESTRA

Audition required. Maximum of 30 scholars. Scholars must have completed a Method Book 1 in a previous school or with a private teacher and must understand the basics of 1 octave scales and/or 1st position notes. Basic theory such as reading notes,

rhythms, and basic musical terms is also required.

**Prerequisite: Audition Required** 

#### 330 CONCERT BAND

Y-1 CR

Y - 1 CR

Audition required. Maximum of 30 scholars must have completed a Method Book 1 in a previous school or with a private teacher and must understand the basics of 1 octave scales and/or 1st position notes. Basic theory such as reading notes, rhythms, and basic musical terms is also required. **Prerequisite: Audition Required** 

# **335 GUITAR**

S - 1/2 CR

This is a course designed to help students learn the basics of playing guitar. Students will learn a variety of different styles of guitar music. The class will cover learning tablature and sheet music.

Required: Guitar

#### **CHOIR**

#### 343 WOMEN'S CHOIR

S - 1/2 CR

This Junior High ensemble is for 7-8th grade girls. They will learn a diverse repertoire of music and focus on vocal production and part singing. They will perform at least one concert each semester and a concert uniform will be required.

Prerequisite: None

#### 346 MEN'S CHOIR

S - 1/2 CR

This Junior High ensemble is for 7-8th grade boys. They will learn a diverse repertoire of music and focus on vocal production and part singing. They will perform at least one concert each semester and a concert uniform will be required.

Prerequisite: None

#### **344 CONCERT CHOIR**

S - ½ CR

This High School ensemble is for 9-12<sup>th</sup> grade men and women. They will learn a diverse repertoire of music from many time periods, including madrigals, oratorio selections, motets, and spirituals, as well as contemporary music such as jazz and Broadway. They will perform at least one concert each semester and a concert uniform will be required. Participation in AMEA North-Central Region Solo and Ensemble Festival and Regional Choir auditions is required. This ensemble will also travel to off campus events in the city, state and, occasionally, out of state. Participation for a full year is required.

**Prerequisite: Teacher Approval** 

Audition: Required Regionals Fee Required.

#### **525 BALLROOM DANCE**

S - 1/2 CR

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

Prerequisite: None.

Performance fee may be required

#### **526 BALLROOM DANCE II**

S - 1/2 CR

This class introduces the student 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 student will learn to both lead and follow the basics in each dance and will be tested on both. There is one written assignment, two outside class activities and one required performance. The pace and skill level will be higher than that of Ballroom I.

Prerequisite: Teacher approval.
Performance fee may be required.

#### **727 BALLROOM DANCE III**

S - 1/2 CR

This class is an advanced ballroom class with a focus on technique and higher level dance patterns. It is for scholars with a serious interest in Ballroom Dance. Enrollment will be limited.

Prerequisite: Audition Required. Performance fee may be required.

#### **501 DANCE I - BEGINNING DANCE**

S - 1/2 CR

This class will answer the question, "What is dance?" with special focus on basic dance technique,

terminology, history and overall purpose. Various dance styles will be introduced and explored along with the elements of dance: time, space and energy. Specific dance attire required.

Prerequisite: None (For scholars without previous dance

experience.)

Performance Fee: \$25.00 per semester

#### **502 DANCE II - INTERMEDIATE DANCE**

S − ½ CR

This class builds upon fundamentals gained in Beginning Dance and answers the question, "Why do we dance?" Practical and written exams are given to prove dancers' knowledge and technical skill. Choreographic principles are introduced and practiced. Specific dance attire required.

Prerequisite: At least two semesters of Beginning Dance

and/or Teacher approval

Performance Fee: \$25.00 per semester

#### **503 DANCE III - PRE ADVANCED DANCE**

S - 1/2 CR

This class continues to build upon the knowledge gained in both Beginning and Intermediate Dance with particular emphasis on technique and performance quality. Practical and written exams are given to prove dancers' knowledge and technical skill. Specific dance attire required.

Prerequisite: At least four semesters of Intermediate

Dance and/or Teacher approval
Performance Fee: \$25.00 per semester

#### **504 DANCE IV - ADVANCED DANCE**

S – ½ CR

This class continues to build upon the knowledge gained in both Beginning and Intermediate Dance with particular emphasis on technique and performance quality. Practical and written exams are given to prove dancers' knowledge and technical skill. Specific dance attire required.

Prerequisite: At least four semesters of Intermediate

Dance and/or Teacher approval
Performance Fee: \$25.00 per semester

# **506 BALLET**

S – ½ CR

This class focuses on beginning and advanced components of ballet.

Prerequisite: At least four semesters of Intermediate

Dance and/or Teacher approval

Performance Fee: \$25.00 per semester

#### PHYSICAL EDUCATION

#### **Subject Area Goals:**

- Scholars will learn to enjoy and 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.
  - \* Some PE classes have fees that accompany them. ECA Tax credit money may be used to pay for PE class fees

**701 KENPO I** 

S – ½ CR

This course is the first step in the Duke Kenpo System. This system is structured from Mr. Duke's years of training in the martial arts of: Kenpo, Hakutsuru, Kobudo and Kali. The scholar is introduced to the protocol and discipline to foster respect and insure safety. The physical portion consists of learning basic skills including blocks, strikes and stances. These are then incorporated into eleven basic situational self- defense techniques designed to thwart common everyday attacks. The successful completion of a written and physical examination will earn the scholar a yellow belt. Prerequisite: None.

#### **702 KENPO II**

S − ½ CR

This course is a continuation of the Kenpo 1 course with more emphasis placed on practical application of previous learned basic skills. Self-defense techniques are moved to a more physical level. Twenty-eight additional self- defense techniques are introduced, bringing the responsible number to thirty-nine. Scholars will be introduced to self-defense against grabs, hugs, locks, chokes, tackles, and basics of ground defense. The scholar must take two semesters to complete the course. Upon completion of this beginning course the scholar can earn orange and purple belts.

Prerequisite: Successful completion of Kenpo 1.

#### **703 KENPO III**

S- 1/2 CR

The scholar will be introduced to an additional twenty-three self- defense techniques against punches, kicks and combinations; bringing the responsible number to sixty-two. Additionally the

concept of the "Technique line under stress" is introduced. The scholar must take two semesters to complete this intermediate course. The completed course can earn the scholar blue and green belts. Prerequisite: Successful completion of Kenpo I & II, Purple Belt; 9th grade & above with teacher approval.

#### **708 FITNESS**

S - 1/2 CR

This class 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.

Junior High

#### 750 P.E.

S - 1/2 CR

This class 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.

Prerequisite: None. No Fee.

**High School** 

#### **755 WEIGHT TRAINING**

S − ½ CR

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.

Prerequisite: None. No Fee.

#### 912 SPORTS MANAGEMENT/NUTRITION

S - 1/2 CR

This is a study opportunity for scholars wanting to assist one of the Heritage Academy sports teams. Duties may include scoring, keeping statistics, managing equipment, in addition to duties assigned by coaches. Scholars need to be in attendance at all games and functions as set forth by the coach. Student does not need to be enrolled in the class unless otherwise agreed. Students will also learn about first aid and how to treat sports related injuries. This course will introduce the scholars to the nutritional value of carbohydrates, protein, fats and help them understand how their body utilizes these nutrients. We will also go over various vitamins and minerals.

#### **INDIVIDUAL SPORTS**

The following are individual sports and may be taken for fun or to compete against other schools

754 GOLF S – ½ CR

This class is for those with an interest in learning and improving their golf skills. Scholars will receive instruction and have an opportunity to test their skills. Lessons will be at the driving range and players will play every Friday on the golf course. The top five players may compete against other teams and schools.

Prerequisite: Teacher approval

Required Fee: \$75

#### 760 SWIMMING S – ½ CR

This course is designed to help students develop skills useful or necessary in an aquatic environment. Focus will be on swimming and competitive strokes; such as freestyle, butterfly, and so on. Course will also focus on water safety and lifesaving skills as related to aquatic safety.

Prerequisite: None. Required Fee: \$150 Fall: High School Spring: Junior High

#### **TEAM SPORTS**

The following sports are team sports and participants will compete in the CAA against other Canyon schools. Those scholars enrolling in any of the following will be enrolled in the last hour team sports class. All participants in team sports 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 help cover sport class fee.

#### **GIRL'S SCHEDULE**

The fall sports classes include volleyball and basketball. The spring classes include basketball, softball and soccer.

Required Fee: Fees required (see course descriptions)

#### **BOY'S SCHEDULE**

The fall team sports classes include tackle football & basketball, and the spring classes include basketball, baseball and soccer.

Required Fee: Fees required (see course descriptions)

#### **752 BOYS BASKETBALL**

Y - 1 CR

This class is planned for those 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 Canyon Athletic Association (CAA) against other schools.

Required Fee: \$125

#### 756 SOCCER

S - 1/2 CR

This class is planned for those 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 Canyon Athletic Association Required Fee: \$75

#### **757 BASEBALL**

S - 1/2 CR

This class is planned for those 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 Canyon Athletic Association (CAA) against other schools.

Required Fee: \$100

#### **758 TACKLE FOOTBALL**

S − ½ CR

This class is planned for those scholars with a high level of interest and skill. Training will begin prior to the beginning of school; all interested scholars should contact a coach for full details. Athletes will compete in the Canyon Athletic Association (CAA) and have an opportunity to compete against other teams and schools.

Required Fee: \$225

#### **761 GIRLS VOLLEYBALL**

S- 1/2 CR

This class is planned for those scholars with a high level of interest. The class provides training in fundamentals of volleyball, and prepares athletes for competition in the Canyon Athletic Association.

Required Fee: \$100

# **762 GIRLS BASKETBALL**

S- 1/2 CR

This class is planned for those scholars with a high level of interest. The class provides training in fundamentals of basketball, and prepares athletes for competition in the Canyon Athletic Association Required Fee: \$125

#### **763 GIRLS SOFTBALL**

S- 1/2 CR

This class is planned for those scholars with a high level of interest. The class provides training in fundamentals of softball, and prepares athletes for competition in the Canyon Athletic Association

**Required Fee: \$75** subscription.

# COLLEGE FAST TRACK PROGRAM - DUAL ENROLLMENT/AP

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. Progress at the right speed
- 5. Better prepared for college
- Credits transfer to 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, which is now approved for college credit. Courses will be offered through partnerships with Rio Salado Community College and Grand Canyon University.

#### Who can participate?

- Scholars enrolled at Heritage grades 9-12
- Must pass Reading Placement Test by Rio Salado Community College or score with a PSAT > 92, SAT > 929, or ACT > 21, or have meet or exceeds on AIMS testing
- 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 and Grand Canyon University.

Contact the Rio Salado Financial Aid Office at 480-517-8310 for additional information.

Contact Grand Canyon University at 602-639-6808 for additional information.

# How many credits can I earn?

That's up to you! An Associate's 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 more achievable by highly motivated scholars. Even taking a few college classes will give you a *fast start* into college.

#### How Do I Get Started?

Assess your college interests and the subjects you would like to study. Also study the graduation requirements for Heritage Academy. With this information, make a plan for each year of high school. Once you have identified your courses, work with your advisor or teacher to register for either Rio Salado Community College or Grand Canyon University depending on the course. Make arrangements with Rio Salado Community College to take placement exams.

# DUAL ENROLLMENT CHECK LIST- RIO SALADO CC

\*\*Student MUST complete ALL steps to receive dual enrollment credit\*\*

Determine if Dual Enrollment Classes are the best fit for you ■ Enroll in corresponding Heritage Dual Enrollment Course(s) Obtain Maricopa Enterprise ID (MEID)/MCCCD ID ☐ Know Social Security Number ☐ Log onto my.maricopa.edu and create user account MEID User: \_\_\_\_\_ Password: □ 8-digit College ID # <u>3</u> \_\_ \_ \_ \_ \_ \_ \_ \_ \_ ☐ Take Accuplacer Placement Exam ☐ Will need Photo ID and 8-Digit College ID # ■ PRINT and SAVE results **Rio Salado Class Registration / Enrollment** ☐ Login to Rio Salado Dual Enrollment ☐ Watch Instructional Video for New or Returning Scholars ☐ Complete "High School Registration Forms" ☐ Complete Registration Process ☐ Enroll for both semesters (spring classes payments are not due until January) ☐ Print "Dual Enrollment Packet" at end of registration process ☐ Registration Request Summary Designated Official Form ■ Payment Options ☐ Copy of Pre-Approval Tuition letter if approved ☐ Return <u>ALL REQUIRED</u> documents to Heritage Academy by \_\_\_\_\_ ☐ Dual Enrollment Registration Packet ☐ Signed by both parent and student □ Copy of Accuplacer test scores ☐ Proof of citizenship/legal residency - A photo copy of either your driver's license/permit, birth certificate, or passport ■ Make payment to Rio Salado – Deadline for payment is \_\_\_\_\_\_

# DUAL ENROLLMENT ADMISSION AND TESTING GUIDELINES

To enroll in a Dual Enrollment class, scholars must meet admission requirements or have completed the prerequisites for the course.

#### **ENG101** and most math classes require an ACCUPLACER skills test:

- 1. Writing test for ENG101 course
- 2. Math test for math courses

To enroll in classes other than ENG 101 or math, scholars must have one of the following to qualify for admittance into the Dual Enrollment Program:

- 1. Preliminary Scholastic Aptitude Test (PSAT) composite score greater than 92
- 2. Scholastic Aptitude Test (SAT) composite score greater than 929
- 3. American College Test (ACT) composite score greater than 21
- 4. Arizona's Instrument to Measure Standards Test (AIMS) score of Meets or Exceeds on the Reading portion of the test.
- 5. Completed ACCUPLAER Reading placement skills test for courses other than ENG101 or math.

Most beginning classes require an admissions test score or qualifying placement score and advanced classes require the completion of prerequisite coursework.

#### **General Placement Testing Information**

- Assessment tests are provided at <u>no charge</u> to scholars.
- All testers **ARE REQUIRED** to present valid and current picture identification before testing. Valid forms of picture identification: School ID Card, Driver's License, State issued identification card, or Passport.
  - o Rio Salado also requires that scholars' have an 8 digit Maricopa Student ID number before they can test. <u>Click here</u> for instructions on obtaining a Student ID number. If you get an error message, call the Rio Salado Registration Help Desk at (480) 517-8540. Tell them you need to be "Quick Admitted Only" and are experiencing problems obtaining your student numbers.

#### **Testing at a Rio Salado Testing Center**

Tempe: 2323 W 14<sup>th</sup> Street Tempe, AZ 85281 480-517-8000

Thomas: 3631 W Thomas Rd. Phoenix, AZ 85019 480-377-4300

#### **ENGLISH**

#### **ENG101 FIRST-YEAR COMPOSITION**

S - 1/2 CR

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

Prerequisites: Appropriate writing placement test score, or a grade of C or better in ENG091 or ESL097.

#### **ENG102 SECOND-YEAR COMPOSITION**

S - 1/2 CR

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.

Rio Salado College: 3 credits

Prerequisites: Grade of C or better in ENG101

#### **EN110 INTRODUCTION TO LITERATURE**

S − ½ CR

Scholars will place more emphasis and study various types of literature and their application today.

Rio Salado College: 3 credits

Prerequisites: Grade of C or better in ENG101/ENG 102

May be substituted for either World or British Literature

#### **MATHEMATICS**

#### MAT151 COLLEGE ALGEBRA / FUNCTIONS Y-1 CR

Analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions; systems of equations, modeling and solving real world problems.

Additional topics may include matrices, combinatorics, sequences and series, and conics.

Rio Salado College: 4 credits

Prerequisites: Grade of "C" or better in MAT120, or MAT121, or MAT122, or equivalent, or satisfactory score on District placement exam.

Course Notes: <u>Scholars may receive credit for only one of the following: MAT150, MAT151, MAT152, or MAT187.</u>

#### **COMPUTERS**

# CIS105 SURVEY OF COMPUTER INFORMATION SYSTEMS S – ½ CR

This course is an overview of computer technology, concepts, terminology, and the role of computers in business and society. Discussion of social and ethical issues related to computers. Use of word processing, spreadsheet, database, and presentation software, uses of application software and the Internet for efficient and effective problem solving as well as exploration of relevant emerging technologies.

Rio Salado College: 3 credits Prerequisites: None.

#### **GENERAL ELECTIVE**

# **AJS109 SUBSTANTIVE CRIMINAL LAW**

S – ½ CR

Covers philosophy of legal sanctions and historical development from the common law to modern American criminal law, classifications of crimes, elements of and parties to crimes, general definition of crimes, common defenses utilized. Includes specific offenses and the essential elements of each offense

Rio Salado College: 3 credits Prerequisites: None.

#### **HISTORY**

# HIS 110 – WORLD THEMES

S − ½ CR

Overview of entrepreneurship. Includes the entrepreneurial process and the skills required to be successful, including starting, planning, financing, marketing, and managing a business.

Rio Salado: 3 credits Prerequisites: None

#### **HIS 114 – U.S. THEMES**

S – ½ CR

Principles and practices of personal and family financial planning, includes savings, budgeting, credit, buying versus renting and general principles of consumerism.

Rio Salado: 3 credits

Prerequisites: Completion of Algebra I with "C" or better