



**North Valley Christian  
Academy  
33655 North 27<sup>th</sup> Drive  
Phoenix, AZ 85085  
[www.NorthValleyCA.org](http://www.NorthValleyCA.org)**

**Academic Planning Guide  
Grades 9-12**

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**The NVCA Academic Planning Guide is a comprehensive list of courses available at North Valley Christian Academy. Course offerings may vary based upon available facilities, highly qualified staff, and adequate student enrollment.**

**The mission of NVCA is to prepare discerning young adults to reach their full potential in scholarship, leadership, and service in order to influence their community and the world for Christ through equipping Christ-centered students to succeed in all facets of life.**

**We establish and maintain this culture by holding the following values inviolate:**

**Excellence -- In the way, we perform our roles as leaders, teachers, and students.**

**Integrity -- In the way, we handle the truth.**

**Respect -- In the way, we treat one another.**

**Responsibility – In the way, we understand and complete our duties.**

**Reverence -- In the way, we keep God first in our lives.**

#### ***Annual Public Notification of Nondiscrimination***

North Valley Christian Academy does not discriminate on the basis of race, color, national origin, sex, age, or disability in admission to its programs, services, or activities, in access to them, in treatment of individuals, or in any aspect of their operations.

The limitation of English language skills shall not be a barrier to admission or participation in the school's activities and programs. North Valley Christian Academy also does not discriminate in its hiring or employment practices.

This notice is provided as required by Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, Title IX of the Education Amendments of 1972, the Age Discrimination Act of 1975, and the Americans with Disabilities Act of 1990.



**NORTH VALLEY CHRISTIAN ACADEMY HIGH SCHOOL GRADUATION REQUIREMENTS  
ARIZONA UNIVERSITY ENTRANCE REQUIREMENTS**

<b>Curriculum Area</b>	<b>NVCA Graduation Requirements</b>	<b>Arizona University Entrance Requirements</b>
English	4 credits	4 credits See course description book or counselor for senior level courses that meet the university entrance requirements.
Math	4 credits	4 credits Students must complete coursework through the precalculus level.
Science	3 credits	3 Lab Science credits Must include at least three of the four areas: Chemistry, Physics, Earth, and Biological sciences. Refer to specific course description for courses that meet university entrance requirements for each area.
Social Studies	3 credits	2 credits
Physical Education	1 credit	0 credit
Fine Arts	1 credits (any combination)	1 CTE or Fine Arts Credit Students must complete one credit of Fine Arts from the following areas: music, art, theater, or dance, <b>OR</b> one credit of CTE from the same program area. Refer to course description book for courses that meet this university entrance requirement
Electives	6 credits ( 1 elective credit is the Senior Capstone Project)	0 credit
Modern Language	2 Credit	2 credits Students must complete two years of the same language.
Theology	4 credits	0 credit
<b>Total Credits Required</b>	<b>28 credits</b>	<b>16 credits</b>

<i>Beginning with the 2017 cohort, students must obtain a passing score in the American Civics Act Exam to graduate.</i>	<b>SAT or ACT exam may be required</b> <b>Contact the college or university of your choice for specific entrance requirements, including GPA, rank or test scores.</b>
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Students are required to earn no less than **28 credits** in the following subject areas:

- **English** (4 credits) – This requirement will be met by completing one credit each of English I, English II, English III, and English IV or ELL English. English 105 and English 106 may also be used to satisfy the requirement for English III/IV as well as English 260 and 265.
- **Social Studies** (3 credits) – This requirement will be met by completing one credit of World Studies, one credit of American/Arizona History, one-half credit of Economics, and one-half credit of American/Arizona Government. District Economics requirement may be met from other content area courses as listed in the Course Description Book.
- **Math** (4 credits) – This requirement will be met by earning four credits in math, one of which must be Algebra II, or Algebraic Functions I, or complete a math personal curriculum plan.
- **Science** (3 credits) – This requirement will be met by earning three credits in science, one of which must be Lab Biology.
- **Physical Education** (1 credit) – This requirement will be met by successfully completing one credit of Physical Education which includes a .5 credit of Health and .5 credit of a Physical Education Class.
- **Career and Technical Education (CTE) or Fine Arts** (1 credits) – This requirement will be met by completing two credits in either CTE or Fine Arts.
- **Theology** (4 credits) – This requirement will be met by successfully completing 4 credits of theology courses. Any transferring student will only be required to have one credit for each year they have been enrolled at North Valley Christian Academy.
- **Electives** (6 credits) – This requirement will be met by successfully completing any five credits of elective course offerings. A maximum of one unit of elective credit will be allowed for teacher aide, library assistant, office assistant, and other programs of this type. One credit will be required for completion of the senior capstone project.

**NATIONAL COLLEGIATE ATHLETIC ASSOCIATION – NCAA**

Please check with the NCAA campus advisor for information regarding NCAA academic requirements or visit [www.eligibilitycenter.com](http://www.eligibilitycenter.com).

North Valley Christian Academy High School 4Year  
General Studies (Sample)

Freshmen Year:

English  
Science  
Math  
Physical Education/Health  
Elective/Fine Arts  
Modern Language  
Theology  
Elective

Junior Year:

English  
Science  
Math  
Social Studies  
Elective/Fine Arts-CTE  
Elective  
Theology  
Elective

Sophomore Year:




English  
Science  
Math  
Social Studies  
Modern Language  
Elective/Fine Arts  
Theology




Senior Year:

English  
Math  
Social Studies  
Math  
Elective  
Elective – Senior Capstone  
Theology

## CAREER PATHWAYS

It is our desire that we are assisting students in future planning and stated below are possible career pathways for our students and families to use as a guide:

Pathway	Description	Career Options	Suggested Courses
 <b>Natural Resources</b>	<p>This path includes programs related to the environment and natural resources. These may include agriculture, earth sciences, environmental sciences, fisheries management, forestry, horticulture, and wildlife management.</p>	<p>Veterinary Assistant, Game Warden, Forester, Landscaper, Farmer, Rancher, Food Scientist, Botanist, Agricultural Engineer, Economist, Entomologist, Oceanographer, Geologist, Meteorologist, Zoologist</p>	<p>Applied Biological Systems, Chemistry, Business &amp; Management, Science/Landscaping, Veterinary Science, Biology</p>
 <b>Arts, Communications, and Humanities</b>	<p>This path includes programs related to the humanities and to the performing, visual, literary, and media arts. These include architecture, creative writing, film and cinema studies, graphic design and production, journalism, foreign languages, radio and TV broadcasting, advertising, and public relations.</p>	<p>Newscaster, Teacher of the Arts, Author, Journalist, Technical Writer, Public Relations Specialist, Dancer, Motion Picture Photographer, Fashion Designer, Archeologist, Archivist and Curator (history or art museum), Musician, Jeweler, Cartoonist, Public Relations Specialist</p>	<p>Broadcasting and Video Production, Digital Communications, Photo, Digital Photo, Art and Design, Ceramics, Cartooning, Graphic Design, Metals/Jewelry, Speech, Journalism, Dance, Painting, Drawing, Music, Web Development, Drama, Design &amp; Merchandising, Various Modern Languages</p>
 <b>Business Systems</b>	<p>This path includes programs related to the business environment. These may include entrepreneurship, sales, marketing, finance, hospitality and tourism, computer/information systems, accounting, personnel, economics, and management.</p>	<p>Accountant, Financial Planner, Retail Buyer or Sales, Travel Agent, Bank Teller, Payroll Clerk, Internet Administrator, IT Auditor or Project Manager, City Manager, Economist, Programmer, Software Engineer, Real Estate Agent</p>	<p>21<sup>st</sup> Century Applications, Technology, or Business Practices, Computer Technology for College and Career Readiness, Marketing, Game Design, Computer Programming, Business or Marketing Internship, Accounting, Personal Finance, Entrepreneurship, Financial Applications</p>

 <p><b>Engineering and Industrial Education</b></p>	<p>This path includes programs related to the technologies necessary to design, develop, install, or maintain physical systems. These may include engineering and related technologies, mechanics and repair, manufacturing technology, precision production, electronics, and construction.</p>	<p>Hardware Designer, Carpenter, Architect, Roofer, Chemist, Marine Architect, Auto Mechanic, Electrician, Machinist, Welder, Communications Technician, Painter, Engineers: Automotive, Chemical, Computer, Civil, Electrical, Manufacturing</p>	<p>Technical Theatre, 3D Modeling &amp; CAD, Woodworking &amp; Construction, Electronics &amp; Robotics, Automotive, Computer Refurbishing, Engineering &amp; Design, Digital Electronics</p>
 <p><b>Health Services</b></p>	<p>This path includes programs related to the promotion of health as well as the treatment of injuries, conditions, and disease. These may include medicine, dentistry, nursing, therapy and rehabilitation, nutrition, fitness, and hygiene.</p>	<p>Chiropractor, Dentist, Hospital Administrator, Nurse, Music Therapist, Occupational or Physical Therapist, Veterinarian, Speech and Language Pathologist, Doctor, EMT, Psychologist, Nursing or Dental Assistant, Dental Hygienist, Pharmacist</p>	<p>Biomedical Sciences, Human Body Systems, Anatomy and Physiology, Chemistry, Applied Biological Systems, Sports Medicine, Physical Education, Parallel Learning</p>
 <p><b>Social and Human Services</b></p>	<p>This path includes programs related to economic, political, and social systems. These may include education, law and legal studies, law enforcement, public administration, child and family services, religion, and social services.</p>	<p>Special Education Teacher, Technology Education Teacher, Athletic Trainer, Child Care Assistant, Detective, Lawyer, Librarian, Market Research Analyst, Police Officer, Social Worker, Psychiatrist, Marriage Counselor, Librarian, Teaching Assistant</p>	<p>Child Development, Teacher Preparation, Peer Leadership/Tutoring, Teachers Aid, Sociology, Psychology, Criminal Justice, Leadership Development, Community Service, Parallel Learning, Sports Medicine, Theology courses</p>

**CAREER RESOURCES**

The Academic Advising Team are available to provide information to help students make wise and mature decisions about their futures. Information and assistance is provided in the following areas: career information, college entrance requirements, trade and technical school options, financial aid resources, military contacts with recruitment personnel, special programs and youth employment opportunities.

# **Important Information**

## **Laptop Requirements 6<sup>th</sup> Grade-12<sup>th</sup> Grade**

Students in 6<sup>th</sup>-12<sup>th</sup> grade are required to bring their own laptop to school every day. Students will use the laptops to access online textbooks, email teachers, create products using Microsoft Office tools, and to gather research. The Responsible Use of Technology Agreement should be reviewed and signed by each student and parent for the laptop to be allowed to join our Wi-Fi network.

### **Laptop specifications:**

- \*minimum 4 GB of SDRAM (8 GB preferred)
- \*Windows 10 -64 bit
- \*minimum 64 Gig HD
- \*minimum 8 hours battery life
- \* Antivirus software (Windows Defender comes with Win10)

### **Suggestions:**

The devices recommended below are suggested for school usage only. Since many of the devices below can have limited hard drive space and RAM memory they will not run high end graphic games effectively. **Under \$400**

Lenovo IdeaPad

Acer Aspire

HP EliteBook Folio or HD Notebook

Dell Inspiron

If you already own a MacBook and would like your child to bring it to school, please do. Please contact Kathy Willekens ([kathyw@northvalleyca.org](mailto:kathyw@northvalleyca.org)) with any questions or concerns.

## **ENROLLMENT**

### **DUAL ENROLLMENT**

This program is known as North Valley Christian Academy Early College Program. These classes are held on the high school campus as part of the regular school day or offered on the college campus. If students are to receive college credit, they must pay discounted college tuition through Grand Canyon University, Huntington University or the college that they are dual enrolled. The registration process will be handled in the individual courses. Upon successful completion of these courses, students may transfer the credits to other colleges or universities. Students should check transferability of their courses to in-state universities by visiting [aztransfer.com](http://aztransfer.com). Acceptance and applicability of transfer credits by out-of-state universities varies by institution.

#### **Additional Dual Enrollment Courses Offered online through Grand Canyon University**

<https://www.gcu.edu/individual-courses/dual-enrollment>

### **West-Mec**

West-MEC is a unique public school district that focuses on hands-on learning, leadership development training and industry certification to help prepare today's students for tomorrow's careers. It all started with an idea to help students acquire the skills needed to be successful in their future. Since 2003, West-MEC has grown significantly providing career and technical education across the Phoenix west valley.

<http://west-mec.org/>

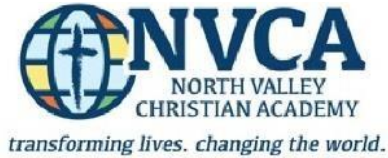
### **HONORS PROGRAM**

The high school honors curriculum is designed to provide academic acceleration and enrichment for the ambitious student. It is recommended that students maintain a "C" or better to continue in the honors sequence. *Please be aware that many universities will unweight grades for admission purposes.*

### **TRANSFER STUDENTS**

Transfer students who plan to graduate from North Valley Christian Academy will be held responsible for graduation requirements. Coursework completed outside the District will be evaluated to determine whether or not credit will be awarded. **To receive a North Valley Christian Academy diploma, a transfer student must meet graduation requirements and have earned five credits at North Valley Christian Academy. Honors courses taken in another district must correlate with North Valley Christian Academy honors courses in order for weighted credit to be awarded.**





## **NVCA Senior Capstone Projects – Required for Graduation (1 Credit)**

The Senior Capstone Project is designed to assist our students in future career interest and is a culminating learning activity that encourages critical thinking and research, promotes conversation and problem solving, and results in real life application of prior and acquired knowledge.

Students will concentrate on areas of personal interest. Using an inquiry-based method, they will connect their acquired knowledge to life experiences, thus deepening their awareness of what they learned.

The goal of this learning activity is not only to sharpen and expand the students' method of research but to develop interpersonal and communication skills and to encourage personal growth. Ultimately, the students will learn *how to learn*, and hopefully enjoy the process.

### **Phase 1: Investigation**

Each senior will select an area of interest and investigate her topic during the course of her final year at North Valley Christian Academy. Students will receive support in determining topics and forming “essential questions” about their chosen topics. Under the guidance of mentors, parents, teachers and the Senior Capstone moderator, the student will research, discuss and apply his/her knowledge. This research component requires the students to read a minimum of nine scholarly journal essays and conduct three personal interviews with professionals in their chosen fields. Assignments are due monthly in January, February, and March.

### **Phase 2: Experiential Learning**

In their senior year, the students will apply their investigated knowledge in a “real life” context. The method is determined by the student with his/her advisor’s approval. Possibilities are limitless but generally fall under one of these categories:

- **Job shadowing** experience (minimum 25 hours)
- **Service work** (minimum 25 hours)

### **Phase 3: Final Report**

All students are required to submit the following documentation, regardless of the nature of their project:

- A log book in which all work is recorded and annotated
- A 75 word summary describing the “experiential learning” activity
- A signature sheet indicating that the work was completed satisfactorily
- A two page reflection paper in which the writer considers what the experience has taught him/her and how the experience might influence his/her later thinking and behavior.
- The year will culminate in a sharing of the students’ experiences through a 5-10 minute presentation

### **NVCA High School Academy Endorsements**

North Valley Christian Academy is pleased to announce the launch of the following new Academy Endorsements beginning the 2018-2019 school year with our current sophomores:

- **Arts Academy**
- **STEM Academy (Science, Technology, Engineering and Mathematics)**
- **Ministry Academy**
- **Entrepreneurial Academy**

Serving as a school within a school, academies offer personalized learning opportunities that provide the following benefits:

- Academies will provide increased options and opportunities for student ownership and educational success in terms of achievement and personal satisfaction.
- Academies will provide students with an in-depth learning opportunity in a specific area of strength, interest, and passion.
- The rigor of Academy requirements will challenge and strengthen students while providing a balanced approach to learning and the high school experience through specific guidelines, parameters, and expectations.
- Academies will prepare students for college and career by providing an endorsement that serves as a unique distinction for their college resume and the competitive application process as well and increase their interest and knowledge in a specific career pathway.
- The endorsement announces that the student has accomplished a well-rounded and rigorous program in a specific area of concentration.
- Through internships, collaborative experiences, and capstone project requirements, Academies will assist students development and personal accountability as they are strengthened for a Christian life of service through vocation and leadership in a global society.

## **VISUAL & MEDIA/PERFORMING ARTS ACADEMY**

### Purpose:

The purpose of the Arts Academy at North Valley Christian Academy is to promote creativity and prepare students for undergraduate majors and careers in creative fields. This program is designed for students with a high level of interest in the Visual & Media Arts or the Performing Arts arena. Students who thrive in the Arts Academy will demonstrate a strong creative commitment and seek to consistently improve their work.

### Endorsement:

Students will earn a **Visual & Media Arts Academy Endorsement or Performing Arts Academy** upon successful completion of the Arts Academy program requirements. This endorsement will announce that the student has accomplished a well-rounded and rigorous program in the Visual & Media Arts Department or Performing Arts Department. Students are welcome to participate in the Academy without seeking the endorsement.

### Qualifications:

To be eligible for the Arts Academy, students must meet the following qualifications and submit an application during the Spring Semester of their Freshman or Sophomore year (exceptions will be considered for juniors and seniors through Spring 2018).

- Minimum total cumulative grade point average of 2.8
- 83% (B) or higher in Visual or Performing Arts classes

### Requirements:

1. *Submit an application*
2. *Complete a Portfolio highlighting activities and accomplishments related to the Art Academy*
3. *Maintain a minimum cumulative total grade point average of 2.8 or higher*
4. *Complete Academy Specific Requirements and earn a grade of 83% (B) or higher in all Academy classes*

### **Visual/Media Concentration Requirements:**

1. Complete at least two (2) Foundational classes.  
*NOTE: Students must earn a grade of 83% (B) or higher in all Academy classes*
  - Drawing/Painting
  - Sculpture/Ceramics 1
  - Sculpture/Ceramics 2
  - Graphic Design/Photo 1\*
  - Graphic Design/Photo 2\*
  - Video Production Course through Huntington University
  - Yearbook
2. Complete at least one (1) Advanced class: Dual Enrollment through GCU or Huntington U
3. Participate in Arts Academy events:
  - Weekly Open Studio and bi-weekly Academy meetings
  - All Art show openings & Master Class workshops
4. Verify 80 hours of "Enriching Experience" related to the field.

### **Performing Arts Concentration Requirements:**

1. Submit application and submit an audition video
2. Maintain a minimum cumulative total grade point average of 2.5 or higher • Participate in 2 or more of the following performing arts events each year:
  - Musical Theater Production
    - Concert Choir
  - Worship Team
    - Fall or Spring Play
  - Fall and Spring Fine Arts Night
    - Performing Arts Workshops
3. Complete Music Appreciation PA171W with minimum 3.0 in each class.
4. **Seniors Only Senior Recital and Showcase - 2nd Semester**

Collaborate with other Academy advisors to create, produce, and perform in a final recital. This is a culminating showcase featuring all Arts Academy Seniors.

***Every student's course path will look different. Email Mr. Mitchell with individual questions.***

## **STEM ACADEMY**

### **Purpose:**

*The STEM Academy is designed to offer students the opportunities and motivation to best use their God-given talents in science and math arena. North Valley Christian Academy's STEM Academy will inspire and prepare students for majors and careers in STEM-related fields.*

### **Endorsement:**

*Students will earn a STEM Endorsement upon successful completion of the STEM Academy requirements. This STEM Endorsement will announce that the student has accomplished a well-rounded and rigorous program in the math and science departments and has completed a STEM internship.*

### **Qualifications:**

To be eligible for STEM, students must meet the following qualifications and submit an application after the fall semester of their sophomore year. Entrance will be based on the performance in Math and Science courses, rigor of overall schedule, recommendations from Math and Science teachers, and evidence of a high degree of responsibility and personal work effort.

- Two honors or dual enrollment courses in math along with Honors Biology and Honors Chemistry with a minimum 90% in each of these courses, each of the three semesters enrolled (freshmen year, first semester of sophomore year.)

### **Requirements:**

1. *Submit an application*
2. *Complete Academy Specific Courses*

**A. Science Courses:**

- including the foundation courses of Biology, Chemistry and Physics
- At least one (1) DE Science course

**B. Math Courses:**

- including Honors Algebra 2 and Honors Geometry
- At least one (1) DE Math course

**C. One Collaborative Experience:** This experience can be accomplished through several different STEM opportunities.

**D. One Internship Experience:**

Students are required to complete an internship of approximately 125 hours. This is usually done in the summer between junior and senior years.

**STEM Internships usually occur during the summer between Junior and Senior years. Additionally, many DE courses are offered online and can greatly increase flexibility in a student's schedule as a Junior or Senior.**

## **ENTREPRENEURIAL ACADEMY**

*Purpose:*

*The Entrepreneurial Academy is designed to offer students the opportunities and motivation to best use their God-given talents in the business arena and prepare students with values and skills to be effective Christian leaders in the business world.*

*Endorsement:*

*Students will earn an Entrepreneurial Academy Endorsement upon successful completion of the Academy requirements. This Entrepreneurial Endorsement will announce that the student has accomplished a well-rounded and rigorous program in the vocational departments and has completed an Entrepreneurial internship.*

*Qualifications:*

To be eligible, students must meet the following qualifications and submit an application after the fall semester of their sophomore year. Entrance will be based on the performance in general courses, rigor of overall schedule, recommendations from teachers, and evidence of a high degree of responsibility and personal work effort and maintain a minimum of 3.0 in all courses

*Requirements:*

1. Submit Application
2. Capstone Project - Seniors will create their own business

3. Job shadowing/Internship
4. Minimum of two (2) dual credit (high school/college) online or on campus courses through Grand Canyon University, Huntington University or receive certification through a program with West-Mec in a specific vocation.

## MINISTRY ACADEMY

### Purpose:

*The Ministry Academy exists to encourage and support students through mentorship in their faith, their life, and their vocations as well as explore and discover their giftedness in ministry vocations.*

### Endorsement:

*Students will earn a Ministry Endorsement upon successful completion of the Ministry program requirements. This Endorsement will announce that the student has completed additional theological and ministry training with a specialized focus toward their giftings, passions, and calling.*

### Qualifications:

To be eligible for the Ministry Academy, students must meet the following qualifications, submit an application, and complete an interview during the Spring Semester of their Sophomore year.

1. Consistently makes lifestyle choices that are in alignment with the **LIONS** Honor Code:
2. Maintain at least a 2.5 GPA on any progress or semester report.
3. Maintains good attendance (no violations of the excessive absence or tardy policies as outlined in the Parent/Student Handbook).
4. Upholds standards of dress code outlined by the Parent-Student Handbook.
5. Upholds standards of Christian character and integrity through Social Media. Represents the school and related programs well through Social Media.
6. Actions in and outside of school represent the school well and has not incurred any disciplinary action as the result of behavioral choices.
7. Not involved in OR present where ANY illegal activity takes place (drugs, alcohol, theft, vandalism, etc.)
8. ***Previous ministry experience not required to be part of the Ministry Academy.***

### Requirements:

1. *Submit an application*
2. *Complete an interview*
3. *Maintain a minimum cumulative total grade point average of 2.5.*
4. *Complete Academy Specific Requirements*
  - A. Four years of Theology

- B. 1-2 years of additional coursework (depending on emphasis) from the following options:
  - Worship Team
  - Approved on-ground Theology dual credit
  - Approved Grand Canyon University or Huntington University dual enrollment theology classes
  - Chapel Leadership Team
- C. Attendance at Ministry Academy Workshops and meetings
- D. At least one North Valley Christian Academy Mission trip and local community service
- E. 20-hour church internship (all off-campus internships must be approved)
  - Church internship with pastor or youth pastor at local church
  - Missions internship, a Christian non-profit organization, or a local church
- F. Collaborative Teaching Experience with a Capstone Project and Presentation
  - Collaborative Teaching - Plan and lead a chapel or workshop teaching experience
  - Capstone Project options include, but are not limited to: field research project, writing lesson plans and teaching, organizing and leading a chapel/church service/praise and prayer/class lesson/outreach event, planning and giving a sermon, teaching a church youth small group

**FEES/EXPENSES**

Please see course descriptions for specific fee and expense information. Fundraising, tax credits and donations may help defray the cost of participating in extracurricular activities. Non-participation in optional activities will not affect the student's grade. Fees and expenses listed will furnish sufficient resources to successfully complete required course activities.

**GRADES**

**ALTERNATIVE GRADE (P/F) OPTION**

Secondary students will have any grade issued pursuant to an alternative grading system reflected on their report card by a Pass (P) or Fail (F). Students who earn a grade of Pass (P) will have each "P" not calculated into their Grade Point Average.

**NORTH VALLEY CHRISTIAN ACADEMY GOLDEN SCHOLARS**

Full-time students who earn high grades and demonstrate good character traits will be honored at an annual ceremony. Golden Scholars requirements are:

1. A cumulative grade point average of 3.80 or higher at the end of semester one, three, five and seven.
2. No F's or I's on transcripts.
3. Students who display strong character at leadership while at North Valley Christian Academy

**GRADING**

Students attending North Valley Christian Academy will be assessed using the following grading scales. Students must abide by the Academic Misconduct and Cheating policy as outlined in the student handbook.

<u>Grading Scale</u>	<u>GPA</u>	<u>Weighted GPA</u>
90-100= A	A = 4.0	A = 5.0
80-89 = B	B = 3.0	B = 4.0
70-79 = C	C = 2.0 / P	C = 3.0
60-69 = D	D = 1.0	D = 1.0

59-0 = F

F = No credit

F = No Credit

### **WEIGHTED COURSES**

Courses that have weighted grades are indicated in the description of the course. Weighted grades are assigned to classes that are significantly more rigorous and provide students with multiple opportunities to take greater ownership of their learning. Grades in these courses are weighted as follows: A = 5.0, B = 4.0, C = 3.0. Grades of "D" are not weighted. *Please be aware that many universities will unweight grades for admission purpose.* Weighted courses taken in another district must correlate with the North Valley Christian Academy weighted courses in order for weighted credit to be awarded.

## **GRADUATION**

### **STATE MANDATED ASSESSMENTS**

*Students must obtain a passing score on the American Civics Exam to graduate.*

### **VALEDICTORIAN/SALUTATORIAN SELECTION**

To give all students an equal opportunity to become their school's valedictorian or salutatorian, North Valley Christian Academy will use the following guidelines:

- Only students in the top 5% of the graduating class will compete for the position of valedictorian and salutatorian.
- No valedictorian or salutatorian candidate will have a grade lower than a "C" in any subject.
- Mid-year graduates will not be eligible for the valedictorian or salutatorian position.
- The valedictorian or salutatorian must have taken a minimum of twelve and one-half (12.5) credits at the North Valley Christian Academy.
- Students who have been suspended during their senior year will not be allowed to speak at graduation.

Students who are interested in competing for the valedictorian or salutatorian position are encouraged to discuss this process with their academic advisor.

### **EARLY GRADUATION**

Students who meet graduation requirements at the end of the sixth or seventh semester are eligible to graduate and will receive their diploma at the end of the school year. These students may participate in graduation exercises at that time.

### **GRADUATION DEFICIENCIES**

Any seniors with deficiencies at the end of their eighth semester must complete all course work prior to September 1st in order to receive a diploma from the previous scheduled cohort. Students who fail to meet graduation requirements at the end of eight semesters of attendance will be permitted to continue in school and carry a course load sufficient to permit them to meet graduation requirements the following year. Students who fail to meet graduation requirements will be subject to new requirements that may have been adopted. **Students with deficiencies will not be allowed to participate in graduation ceremonies.** Students will be given an opportunity up to the age of 22 to fulfill the graduation requirements and receive a North Valley Christian Academy diploma.

### **SCHOLARSHIPS AND FINANCIAL AID**

Specific information regarding college scholarships and financial aid should be obtained from the Coordinator of Academic Services and the Academic Advising Team.







# FAMILY AND CONSUMER SCIENCES

All courses in this department will meet the District requirement for Career and Technical Education Credit.

## LM110 EARLY CHILDHOOD EDUCATION I – CHILD DEVELOPMENT

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Credit
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*This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with Intro to Preschool.*

This course will examine human growth and development. It will be an in-depth study of parenting, pregnancy, and children during the first year of life. Positive parenting skills will be stressed. Students will study the importance of healthy families in today's society.

## LM111 EARLY CHILDHOOD EDUCATION II – INTRO TO Preschool

<b>Grades:</b> 9, 10, 11, 12	1 Semester	1/2 Credit
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*This course will satisfy one-half CTE credit for Arizona university entrance requirements when combined with Child Development.*

This course will address children's growth and development from one to six years of age. Emphasis will be on the development of the young child including physical, social, intellectual, and emotional development. Students will participate in preschool observation and hands-on activities.

# ENGLISH

## EN105 ENGLISH I

<b>Grade:</b> 9	1 Year	1 Credit
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This course will integrate reading, writing, speaking, listening and language skills using a thematic based approach. All students are taught strategies to effectively read both fiction and nonfiction and respond through varied writing activities.

## EN110W HONORS ENGLISH I

<b>Grade:</b> 9	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Placement may be based on application and approval.		

This course will integrate reading, writing, speaking, listening and language skills using a thematic based approach. Advanced writing skills and reading strategies will be emphasized through the use of honors curriculum, including formal writing workshops and independent reading of multiple literary genres. Honors students are expected to complete a summer reading project.

## EN205 ENGLISH II

<b>Grade:</b> 10	1 Year	1 Credit
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This course will emphasize the universal themes in world and multicultural literature with an emphasis on critical reading skills. The writing skills of drafting, revising, and proofreading will be emphasized.

## EN210W HONORS ENGLISH II

<b>Grade:</b> 10	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Placement may be based on application and approval.		

This course will develop the essay and language skills required for entry into advanced placement programs in English. World literature will be used as the basis for the reading and writing activities. Composition skills will be emphasized.

### EN305 ENGLISH III

<b>Grade:</b> 11	1 Year	1 Credit
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This course will cover American themes, authors, and literary movements with an emphasis on combining analytical thinking skills with essay writing.

### EN310W HONORS ENGLISH III – LANGUAGE AND COMPOSITION

<b>Grade:</b> 11	1 Year	1 Credit-Weighted Grade
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The course is designed to help students become skilled readers of prose written in a variety of rhetorical contexts and to become skilled writers who compose for a variety of purposes. Both their writing and their reading should make students aware of the interactions among a writer's purposes, audience expectations, and subjects as well as the way generic conventions and the resources of language contribute to effectiveness in writing.

### EN301/SS301 ENGLISH III/AMERICAN/ARIZONA HISTORY

**TWO-HOUR BLOCK**

<b>Grade:</b> 11	1 Year	2 Credits
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This course will combine the curriculum of American/Arizona History and American Literature into an interdisciplinary, cross-curricular program of study. This course will be taught by two teachers, one from each discipline. Students will be involved in simulations, research, and other special projects. Composition skills will be emphasized.

### EN405 ENGLISH IV

<b>Grade:</b> 12	1 Year	1 Credit
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This course will develop students' writing and critical reading skills for both work force and college-level application. Students will write arguments, expository/informative texts and narratives on various, real-world topics. Students will develop their critical reading skills as they apply to both literary and informational texts. Readings selected by the teacher will be relevant to the students' current and future lives, both at the collegial/work-force level and as active citizens.

### EN417 COLLEGE ENGLISH COMPOSITION 05

<b>Grade:</b> 11, 12 <i>Must be taken for dual credit</i> <i>College tuition fee required</i> <i>*Must receive an appropriate level score on college placement exam</i>	1 Semester	1/2 Credit -Weighted Grade
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This course will cover the grammatical and rhetorical structure as it applies to effective writing. Frequent writing assignments will be an integral part of this course.

### EN418 COLLEGE ENGLISH COMPOSITION 06

<b>Grade:</b> 11, 12 <b>Prerequisite:</b> Grade of "C" or better in College English Composition 05 <i>Must be taken for dual credit</i> <i>College tuition fee required</i> <i>Must receive an appropriate level score on college placement exam</i>	1 Semester	1/2 Credit -Weighted Grade
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This course will emphasize rhetoric and composition with a focus on persuasive, research-based writing and understanding writing as a process. Students will develop advanced college-level writing skills and strategies.

### EN419 COLLEGE ENGLISH 60

<b>Grade:</b> 11, 12 <b>Prerequisite:</b> Grade of "C" or better in College English 60 <i>Must be taken for dual credit</i> <i>College tuition fee required</i>	1 Semester	1/2 Credit -Weighted Grade
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This course will provide students the opportunity to obtain additional instruction in key math concepts needed for success in current and future math courses.

## ES400 CENTER FOR SUCCESS

**Grades:** 9, 10, 11, 12

1 Semester

1/2 Credit

**Prerequisite:** Recommendation by a counselor or an administrator

The Center for Success will be available to those students who have failed a core class and need the additional math, science, social studies or English credits necessary for graduation. All course work will be a combination of computer lessons, assignments, and tests based on the District curriculum.

# FINE ARTS-PERFORMING

*All courses in this department will meet the District requirement for Fine Arts Credit.*

**NOTICE:** Students competing in any Fine Arts-Performing course are subject to and governed by the District *eligibility* rules.

**NOTICE:** *Performing arts classes may have additional program costs which are listed as maximum costs within each course. Please contact the teacher to determine the actual amount required. Additional program costs will be due according to a schedule provided by the teacher.*

## VOCAL

### PA120 CHORALE

**Grades:** 9, 10, 11, 12

1 Year

1 Credit

*Additional program costs may be incurred for optional activities related to the program, not to exceed \$75.00.*

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This beginning, mixed choir course will provide students the opportunity to study literature of all style periods, vocal techniques and musicianship skills. Concert performances will be every 9 weeks. Appropriate performance attire will be required.

### PA135 CONCERT CHOIR

**Grades:** 9, 10, 11, 12

1 Year

1 Credit

**Prerequisite:** Audition, application and approval, performance experience

**Fee:** \$40.00

*Additional program costs may be incurred for optional activities related to the program, not to exceed \$800.00.*

Every three or four years, other expenses may be incurred for travel to significant performances.

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This advanced, mixed choir will provide students the opportunity to study literature of all style periods, advanced vocal techniques and musicianship skills. It will involve a rigorous performance schedule, and travel and competition in state and local events. Appropriate performance attire will be required.

### PA140 ADVANCED VOCAL ENSEMBLE

**Grades:** 9, 10, 11, 12

1 Year

1 Credit

**Prerequisite:** Concurrent enrollment in Concert Choir, audition, application and approval

*Additional program costs may be incurred for optional activities related to the program, not to exceed \$650.00.*

*This course will satisfy one fine arts credit for Arizona university entrance requirements. This course may be repeated for credit but not for grade change.*

This advanced, mixed ensemble will provide students the opportunity to study chamber choir literature and vocal jazz. It will involve advanced vocal techniques and musician skills, a rigorous performance schedule, and travel and competition in state and local events. Appropriate performance attire will be required.

**PA155 JAZZ WORSHIP BAND I**

<b>Grades:</b> 9, 10, 11, 12	1 Semester 1 Year	1/2 Credit 1 Credit
<b>Prerequisite:</b> Concurrent enrollment in Concert Band I or Concert Band II or Symphonic Band or Wind Ensemble or comparable orchestra class, and audition, application and approval		
<i>Additional program costs may be incurred for optional activities related to the program, not to exceed \$350.00. This course will satisfy one or one-half fine arts credit for Arizona university entrance requirements.</i>		
<i>This course may be repeated for credit but not for grade change.</i>		

This course will examine techniques as they relate to instrumental and contemporary jazz literature. Topics will include literature of contemporary and traditional jazz and pop styles. Other aspects of this course will include participation in concerts and community activities. Appropriate performance attire will be required.

**PA156 JAZZ/ WORSHIP BAND II**

<b>Grades:</b> 9, 10, 11, 12	1 Semester 1 Year	1/2 Credit 1 Credit
<b>Prerequisite:</b> Jazz Band I		
<i>Additional program costs may be incurred for optional activities related to the program, not to exceed \$800.00.</i>		
<i>This course will satisfy one or one-half fine arts credit for Arizona university entrance requirements.</i>		
<i>This course may be repeated for credit but not for grade change.</i>		

This course will be an in-depth study of advanced instrumental techniques as they relate to instrumental and contemporary jazz literature. Topics will include literature of contemporary and traditional jazz and pop styles. Other aspects of this course will include participation in local concerts, regional and non-regional festivals and community activities. Appropriate performance attire will be required.

## PA171W MUSIC APPRECIATION

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Performance Based Group experience <i>Can be taken for dual credit</i> <i>Elective credit will be issued for this course.</i>		

This course enables highly motivated students to do college level work in the areas of reading and analyzing notated music and aural training. Particular emphasis will be placed upon developing listening skills, sight singing ability, and knowledge of rhythm, melody, harmony, form, and other compositional devices. The successful student will be endowed with the skills necessary to function intelligently in any musical situation. It is strongly encouraged, but not required, that the music theory student be concurrently enrolled in a performance ensemble for the purpose of applying the skills learned in the class to an active musical environment.

## THEATRE

### PA175 BEGINNING THEATRE ARTS

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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*Additional program costs may be incurred for optional activities related to the program, not to exceed \$20.00.*  
*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

This course will provide students with a study of the various aspects of theatre performance. Topics will include acting, movement, pantomime, improvisation, theatre history, and play production. Students will have the opportunity to participate in class performances.

### PA176 INTERMEDIATE THEATRE ARTS

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
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**Prerequisite:** Beginning Theatre Arts, audition, application and approval  
*Additional program costs may be incurred for optional activities related to the program, not to exceed \$20.00.*  
*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

This course will provide students with the experience necessary for promotion into the Advanced Theatre Arts course. Topics will include acting, voice and movement, improvisation, directing, monologue study and audition techniques, and production. Students will have the opportunity to observe professional play performance, participate in class performances, and perform their work outside of class. After-school, evening and weekend commitments may be expected.

### PA177 ADVANCED THEATRE ARTS

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
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**Prerequisite:** Intermediate Theatre Arts, audition, application and approval  
*Additional program costs may be incurred for optional activities related to the program, not to exceed \$20.00.*  
*This course will satisfy one fine arts credit for Arizona university entrance requirements. This course may be repeated for credit but not for grade change.*      *Can be taken for dual credit*

This course will explore acting and play performance including auditioning techniques, voice and diction, dialects, movement specialties, period acting, method acting, improvisation, and performance. Students will have the opportunity to observe professional play performances, do class performances, perform in community outreach programs, and in various competitions. After-school, evening and weekend commitments may be expected.



## PA178 PERFORMANCE THEATRE ARTS

**Grade:** 9,10,11, 12

1 Year 1 Credit

**Prerequisite:** Successful completion of Advanced Theatre Arts, audition, application and approval

*Additional program costs may be incurred for optional activities related to the program, not to exceed \$20.00.*

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This course will further develop and apply the concepts and objectives introduced in Advanced Theatre Arts and to refine performance skills as they relate to various productions and outreach projects. Emphasis will be placed upon performance, producing one-act plays, participating in acting festivals, and community/school outreach projects. After-school, evening and weekend commitments may be expected.

## FINE ARTS-VISUAL

All courses in this department will meet the District requirement for Fine Arts Credit

### VA100 ART & DESIGN I

**Grades:** 9, 10, 11, 12

1 Year

1 Credit

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

This course will introduce students to the basic elements and principles of design. Students will learn drawing techniques emphasizing line, positive/negative space, perspective, value, texture, lettering, and portrait proportion by utilizing black and white media. Students will also explore studies in color and advanced drawing and painting techniques.

### VA102 ART & DESIGN II - PAINTING

**Grades:** 10, 11, 12

1 Year

1 Credit

**Prerequisite:** Art & Design I *Can be taken for dual credit*

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

This course will provide students the opportunity to learn the tools, techniques, and processes of watercolor, acrylic, oil and other various painting media. Historical and current artists will be studied to learn about style, subject matter, and composition. Students will concentrate on student-generated subject matter based on independent student-teacher contracts. Students will work on thematic development, in-depth media exploration and/or student generated problems and solutions.

### VA103 ART & DESIGN II - DRAWING

**Grades:** 10, 11, 12

1 Year

1 Credit

**Prerequisite:** Art & Design I

*This course will satisfy one fine arts credit for Arizona university entrance requirements.*

This course will provide a comprehensive understanding, appreciation, and exploration of drawing, using both wet and dry media in perspective, landscape, portrait, still life, and figure drawing. Historical aspects, contemporary trends, and art criticism will be studied.

## VA121 CERAMICS I

**Grades:** 9, 10, 11, 12

1 Semester

1/2 Credit

*This course will satisfy one-half fine arts credit for Arizona university entrance requirements.*

This course will provide students with basic clay hand-building methods and decorative techniques. Basic glaze application and various firing techniques will be explored. Students will focus on elements and principles of design with an emphasis on 3-D aspects. Students will further understand their own creative process through art criticism.

## VA122 CERAMICS II

**Grades:** 9, 10, 11, 12

1 Semester

1/2 Credit

**Prerequisite:** Ceramics I or application and approval

*This course will satisfy one-half fine arts credit for Arizona university entrance requirements.*

This course will provide students with basic wheel throwing techniques. Students will focus on creating cylinderformed objects and bowls, and numerous decorative techniques. Exploration of glazing methods and firing techniques, the elements and principles of design, and critique will continue.

## VA123 CERAMICS III

**Grades:** 10, 11, 12

1 Semester

1/2 Credit

**Prerequisite:** Ceramics II or application and approval

*Can be taken for dual credit*

*This course will satisfy one-half fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This course will provide students with an in-depth study of ceramics, including more advanced throwing and handbuilding techniques. This course will also introduce glaze formulation and decoration. Students will continue advanced study of the elements and principles of design and critique.

## VA124 CERAMICS IV

**Grades:** 10, 11, 12

1 Semester

1/2 Credit

**Prerequisite:** Ceramics III or application and approval

*Can be taken for dual credit*

*This course will satisfy one-half fine arts credit for Arizona university entrance requirements.*

*This course may be repeated for credit but not for grade change.*

This course will provide students with a continued in-depth study of ceramics through more advanced throwing, hand building and sculpting techniques. There will be additional studies of the elements and principles of design and critique, focusing on the development of individual expression. Students will assist in mixing both old and new glazes and participate in glaze test firings, as well as loading and unloading kilns.

# GUIDANCE & COUNSELING

## GC105 COMMUNITY VOLUNTEER SERVICE

**Grades:** 11, 12

1 Semester

1/2 Credit

*This course may be repeated for credit but not for grade change.*

This course will allow students to explore careers in business, social service, and volunteerism. Students receive 1/2 credit for 90 hours per semester. Students will attend class on campus once a week and the rest of the time is spent at the volunteer site. Students must complete a log prior to receiving credit. A grade of Satisfactory/Unsatisfactory will be assigned at the completion of the course.

## GC110 PEER LEADERSHIP/TUTORING

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Application and approval, parent permission required. <i>This course may be repeated for credit but not for grade change.</i>		

This course will provide training to students to be sensitive listeners and to use communication skills to encourage positive problem solving and behavior. Peer counselors will act as role models, peer tutors, big brothers and sisters to elementary and junior high students, as well as encourage and monitor students with attendance problems. A grade of Satisfactory/Unsatisfactory will be assigned at the completion of the course.

# MATHEMATICS

To advance from first to second semester in any yearlong course or to continue in a series of successive mathematics courses, a grade of "C" or better is strongly recommended.

## MA200/201 ALGEBRA IA/ALGEBRA IB

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> This course must be taken to fulfill math graduation requirements. <i>This course fulfills Arizona university entrance requirements.</i>		

This course will include the study of properties of the real number system and operations, evaluating rational algebraic expressions, solving and graphing first degree equations and inequalities, translating word problems into equations, operations with and factoring of polynomials, and solving simple quadratics.

## MA205W/206W HONORS ALGEBRA IA/ALGEBRA IB

<b>Grades:</b> 9	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Placement may be based on application and approval. <i>This course must be taken to fulfill math graduation requirements.</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

This class will have an in-depth focus on measurement, geometry, data analysis, algebra patterns and relations, and analytic reasoning with an emphasis on communication, problem solving, and application through the use of technology.

## MA300/301 GEOMETRY A/GEOMETRY B

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Algebra IB <i>This course must be taken to fulfill math graduation requirements.</i> <i>This course fulfills Arizona university entrance requirements.</i>		

This course will focus on the study of transformations, proofs, and constructions. These tools will be used throughout the course as students formalize geometric concepts such as congruence and similarity. Modeling, problem solving and proofs will be woven throughout the course.

## MA305W/306W HONORS GEOMETRY A/GEOMETRY B

<b>Grades:</b> 9, 10	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Completion of Honors Algebra IB <i>This course must be taken to fulfill math graduation requirements.</i> <i>This course fulfills Arizona university entrance requirements.</i>		

The course will conduct an in-depth study of transformations, proofs and constructions. These tools will be used throughout the course as students formalize geometric concepts such as congruence and similarity. Modeling, problem solving and proofs will be woven throughout the course.

### MA400/401 ALGEBRA IIA/ALGEBRA IIB

<b>Grades:</b> 10, 11, 12	1	Year	<b>Prerequisite:</b>	1 Credit
Geometry B				
<i>This course, Algebraic Functions I or a Math personal curriculum plan must be successfully completed as part of Math graduation requirements.</i>				
<i>This course fulfills Arizona university entrance requirements.</i>				

This course will focus on the study of algebraic concepts. Topics will include an introduction to sequence and series, exponents and logarithms, and trigonometry as well as developing the analysis of data through the use of technology. This course will be comparable to a second year high school algebra course.

### MA405W/406W HONORS ALGEBRA IIA/ALGEBRA IIB

<b>Grades:</b> 9, 10, 11, 12		1	Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Completion of Honors Geometry B				
<i>This course fulfills Arizona university entrance requirements.</i>				

This course will have an in-depth study of algebraic concepts. Topics will include sequence and series, exponents and logarithms, and trigonometry, as well as developing the analysis of data through the use of technology. This course will be comparable to a second year high school algebra course.

### MA409 COLLEGE ALGEBRA

<b>Grades:</b> 12		1	Year	1 Credit
<b>Prerequisite:</b> Algebra IIB				
<i>Can be taken for dual credit</i>				
<i>This course fulfills Arizona university entrance requirements</i>				

This course will cover analysis and interpretation of the behavior and nature of functions including polynomial, rational, exponential, logarithmic, power, absolute value, and piecewise-defined functions, as well as systems of equations, modeling and solving real world problems.

### MA410 PRE-CALCULUS

<b>Grades:</b> 11, 12		1	Year	1 Credit
<b>Prerequisite:</b> Algebra IIB				
<i>Can be taken for dual credit</i>				
<i>This course fulfills Arizona university entrance requirements</i>				

This course will focus on the study of algebra, trigonometry, and analytic geometry.

### MA415W HONORS PRE-CALCULUS

<b>Grades:</b> 9, 10, 11, 12		1	Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Completion of Honors Algebra IIB				
<i>Can be taken for dual credit</i>				
<i>This course fulfills Arizona university entrance requirements.</i>				

This course will be a concentrated study of algebra, trigonometry, and analytical geometry.

## MA416W HONORS CALCULUS AB

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Pre-Calculus or application and approval.		
<i>Can be taken for dual credit</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

This course will examine calculus with analytic geometry as it relates real numbers, limits, continuity, differential and integral calculus of functions in one variable with an emphasis on technology.

## MA417W HONORS CALCULUS BC

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Honors Pre-Calculus or application and approval		
<i>Can be taken for dual credit</i>		
<i>This course fulfills Arizona university entrance requirements.</i>		

This course will examine calculus with analytic geometry as it relates real numbers, limits, continuity, differential and integral calculus of functions in one variable with an emphasis on technology. Topics will include methods of integration, applications of calculus, and elements of analytical geometry.

## MA500 FINANCIAL APPLICATIONS FOR LIFE I

<b>Grades:</b> 11, 12	1 Semester (1st)	1/2 Credit
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This course will introduce valuable financial management skills. Topics will include the principles of savings, the effect money has on relationships, budget/cash flow planning, dangers of debt, consumer awareness, and bargain shopping.

## MA501 FINANCIAL APPLICATIONS FOR LIFE II

<b>Grades:</b> 11, 12	1 Semester (2nd)	1/2 Credit
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This course will further examine valuable financial management skills. Topics will include career choices, taxes, investment principles and options, funding your retirement, college funding, credit bureaus and collection practices, insurance, real estate and mortgages.

# MISCELLANEOUS

## SG100 LEADERSHIP DEVELOPMENT

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> None		
<i>Elective or CTE/FA4 credit will be issued for this course.</i>		
<i>This course may be repeated for credit but not for grade change.</i>		

This course will emphasize leadership skills.

## TA100 TEACHER'S AIDE

<b>Grades:</b> 11, 12	1 Semester	1/2 Credit
<b>Prerequisite:</b> Administrator/Instructor approval and a cumulative GPA of 2.5 or better		
<i>Students may earn a maximum of one Teacher's Aide credit towards graduation.</i>		

This course will be available to students who want to work with individual staff members to support the educational process. Students will assist the instructor or office staff in tasks relevant to the job. Students will be issued a grade of satisfactory/unsatisfactory at the completion of the course.

## **MODERN LANGUAGES**

### **FL109 SPANISH I**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
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This course will introduce the basic skills necessary to gain a solid foundation in the Spanish language. Major emphasis will be placed on speaking, oral comprehension, reading, writing, grammar and spelling. Students will study social customs, history, culture and music of the Spanish-speaking countries and their people.

### **FL110 SPANISH II**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Spanish I		

This course will be an in-depth study of Spanish, requiring the student to think about the culture. Grammar and help students become more fluent in the language while continuing to learn.

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### **FL113W HONORS SPANISH III**

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Spanish II or application and approval		
<i>Can be taken for dual credit</i>		

This course will examine basic grammar, pronunciation, vocabulary, listening, speaking, reading and writing skills of the Spanish language, and the study of Spanish-speaking cultures.

### **FL112W HONORS SPANISH IV**

<b>Grade:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Spanish III or application and approval		
<i>Elective or CTE/FA4 credit will be issued for this course</i>		

This course will include reading literature and studying the history and civilization of Spain and Latin American countries. ***Only students planning to take the Advanced Placement Exam should take this course.***

### **FL115 SPANISH FOR SPANISH SPEAKERS**

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Spanish speaking		
<i>This course may be repeated for credit but not for grade change.</i>		

situations. Students will also enhance skills acquired in Spanish Communication I, as well as develop additional communication skills along with intermediate-level grammar and vocabulary. This course will balance speaking, comprehension, reading and writing skills.

This course will review previously learned grammar, reading and comprehension, and conversational French. This college French preparatory course will include conversational topics current in the French culture, a study of the civilization, and an in-depth learning of vocabulary useful in France.

# PHYSICAL EDUCATION

## PE105 BEGINNING DANCE

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> Leotard, dance/athletic pants, shoes, combination lock		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		

This course will include an introduction to various dance styles. Emphasis will be placed on awareness of technique/skill, history, knowledge, improvisation, and aesthetics of each dance style. Students will participate and relate dance as a lifetime fitness and health-related activity. Students will be offered the opportunity to perform in a dance concert.

## PE106 INTERMEDIATE DANCE

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Supplies Needed:</b> Leotard, dance/athletic pants, shoes, combination lock		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements.</i>		
<i>This course may be repeated for credit but not for grade change.</i>		

This course will provide advanced study of the skills acquired in Beginning Dance. Students will gain experience with background knowledge, physiological training and conditioning, psychomotor skills, and artistic concepts at a higher level. Emphasis will be placed on choreography, production, and performance in a concert setting. Students will be required to choreograph and perform in a dance concert.

## PE107 ADVANCED DANCE

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Audition, application and approval		
<b>Supplies Needed:</b> Leotard, dance/athletic pants, shoes, combination lock <i>Costume costs may be incurred, not to exceed \$200.00.</i>		
<i>This course will satisfy one fine arts credit for Arizona university entrance requirements. This course may be repeated for credit but not for grade change.</i>		

This course will focus on advanced skills, knowledge of dance as an art, and choreographic artistry. Performance in concerts and after-school rehearsals will be required. Students will work on aspects of concert production including: choreography, group projects, stage productions/techniques, and performance.

## PE220 INTRODUCTORY WEIGHT/FITNESS TRAINING (Male) PE221 INTRODUCTORY WEIGHT/FITNESS TRAINING (Female)

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform <i>This course may be repeated for credit but not for grade change.</i>		

This course will introduce resistance training and include a variety of exercises, techniques and programs. Students will learn and apply health-related concepts, proper nutrition and physiology. Students will learn and demonstrate correct techniques of core lifts, which may include squat and power clean. Cardiovascular conditioning and individual fitness assessments will be included.

## PE225 ADVANCED WEIGHT TRAINING

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Introductory Weight Training or Introductory Sports Training <b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform <i>This course may be repeated for credit but not for grade change.</i>		

This course will further examine resistance training and include a variety of exercises, techniques and strength programs. Students will learn and apply individualized routines and programs to emphasize bodybuilding, powerlifting and individual fitness objectives. Students will learn and demonstrate correct techniques of core lifts, which may include squat and power clean.

## PE229 INTRODUCTORY SPORTS TRAINING/TEAM SPORTS

<b>Grades:</b> 9, 10, 11	1 Year	1 Credit
<b>Prerequisite:</b> Application and approval <b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform <i>This course may be repeated for credit but not for grade change.</i>		

This course will implement sport-specific lifting, cardiovascular conditioning, and fitness programs to improve athletic performance and injury prevention. A health-related curriculum including nutrition, physiology and health concepts will be incorporated.

## PE230 ADVANCED SPORTS TRAINING/TEAM SPORTS

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Application and approval <b>Supplies Needed:</b> Combination lock, appropriate Physical Education uniform <i>Elective or CTE/FA4 credit will be issued for this course.</i> <i>This course may be repeated for credit but not for grade change.</i>		

This course will provide training for students who want to improve their strength and power for interscholastic sports. Sport-specific lifting and fitness will be emphasized to improve individual fitness, athletic performance, and injury prevention.

# SCIENCE

## SC120 LAB BIOLOGY

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit
<i>This course will satisfy one biological lab science credit for Arizona university entrance requirements.</i>		

This course will be an inquiry and laboratory-based study of living organisms and their interactions with their environment. Topics will include cells, molecular basis of heredity, interdependence of organisms, biological evolution, matter, energy and organization of living systems and comparative anatomy/biodiversity.

## SC121W HONORS LAB BIOLOGY

<b>Grades:</b> 9, 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Placement may be based on application and approval. <i>This course will satisfy one biological lab science credit for Arizona university entrance requirements.</i>		

This course will expose students to an accelerated introductory biology program and provide a high degree of enrichment. Critical reading, writing, and problem-solving skills will be applied to inquiry-based studies. Major topics will include cells, molecular basis of heredity, interdependence of organisms, biological evolution, matter, energy and organizations in living systems, and comparative anatomy.



### SC130 ECOLOGY AND ENVIRONMENTAL SCIENCE

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<i>This course will satisfy one earth science credit for Arizona university entrance requirements.</i>		

This course will examine ecology and the environment. Issues such as Arizona wildlife, endangered species, populations, environmental health, pollution, alternative energy sources, and new technologies will be discussed.

### SC131W HONORS ENVIRONMENTAL SCIENCE

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Concurrent enrollment in Algebra II, Earth Science, Chemistry, Physics or Ecology		
<i>Can be taken for dual credit</i>		
<i>This course will satisfy one earth science credit for Arizona university entrance requirements.</i>		

This course will address the fundamentals of ecology and the environment and the impact of humans on the Earth. Topics will include ecosystems, endangered species, geology, population dynamics, environmental law, energy resources, global warming, environmental toxins, human health, water conservation, and pollution.

### SC135 CHEMISTRY

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Algebra I		
<i>This course will satisfy one chemistry science credit for Arizona university entrance requirements.</i>		

This course will examine general inorganic chemistry for the university-bound student. Experimental method and critical thinking will be emphasized.

### SC136W HONORS CHEMISTRY

<b>Grades:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Geometry B		
<i>This course will satisfy one chemistry science credit for Arizona university entrance requirements.</i>		

This course will provide a challenging study of inorganic chemistry. Major emphasis will be on the experimental method, critical thinking, and enrichment research activities.

### SC145 ANATOMY AND PHYSIOLOGY

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Geometry B, Lab Biology, and Chemistry		
<i>Can be taken for dual credit</i>		
<i>This course will satisfy one biological lab science credit for Arizona university entrance requirements.</i>		

This course will focus on the structure and function of the human body. Topics include an in-depth exploration of the organ systems and mechanisms for maintaining homeostasis. Careers in the medical and healthcare fields are also investigated.

### SC146W HONORS ANATOMY AND PHYSIOLOGY

<b>Grades:</b> 11, 12	1 Year	1 Credit-Weighted Grade
<b>Prerequisite:</b> Geometry B, Lab Biology, and Chemistry		
<i>Can be taken for dual credit</i>		
<i>This course will satisfy one biological lab science credit for Arizona university entrance requirements.</i>		

This course will focus on the structure and function of the human body. Topics include an in-depth exploration of the organ systems and mechanisms for maintaining homeostasis. Careers in the medical and healthcare fields are also investigated.

## SC150 PHYSICS

<b>Grades:</b> 11, 12	1 Year	1 Credit
<b>Prerequisite:</b> Two years of Lab Science and concurrent enrollment in Algebra II		
<i>This course will satisfy one physical science credit for Arizona university entrance requirements.</i>		

This course will explore physics, problem solving, experimentation, and design. Topics will include kinematics, forces, energy, momentum, electricity and waves.

## SC151W HONORS PHYSICS

<b>Grades:</b> 11, 12	1 Year	1 Credit Weighted Grade
<b>Prerequisite:</b> Two years of Lab Science and concurrent enrollment in Algebra II or higher <i>Can be taken for dual credit</i>		
<i>This course will satisfy one physical science credit for Arizona university entrance requirements.</i>		

This course will provide the equivalent to the first semester of algebra based college physics. Major emphasis will include kinematics, forces, momentum, energy, rotation, sound, light, the fundamentals of electricity, and extensive laboratory work.

## ST995 STEM INTRODUCTION TO RESEARCH

<b>Grades:</b> 9,10,11, 12	1 Year	1 Credit
<b><i>Elective credit will be issued for this course.</i></b>		

This course will provide students with the necessary tools to complete a research project. This includes selecting a topic, performing a literature search/review, and tools for collecting data such as Arduino microprocessors, sensors, CAD, 3d printing, and Internet of Things technology. Students will participate in question and answer sessions regarding their project. Students will submit their research projects to various STEM organizations and fairs.

# SOCIAL STUDIES

## SS100 WORLD STUDIES

<b>Grade:</b> 10	1 Year	1 Credit
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This course will emphasize the development of the civilized world. This course will examine the major historical events that shaped world cultures including various government and economic systems, ethical and religious beliefs, and major geographical features.

## SS101W HONORS WORLD HISTORY

<b>Grade:</b> 10, 11, 12	1 Year	1 Credit-Weighted Grade
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This course will provide an overview of World History sufficient in scope and depth to prepare a student for the Advanced Placement Exam. This course will cover relationships between various societies throughout the world and compares political, economic, religious, and social issues.

## SS105 AMERICAN/ARIZONA HISTORY

<b>Grade:</b> 11	1 Year	1 Credit
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This course will examine American and Arizona history from 1900 to the present. Special emphasis will focus on history since the Great Depression and events that affect current issues. A short review of the major historical events of the 17<sup>th</sup>, 18<sup>th</sup>, and 19<sup>th</sup> Centuries will be included.

## SS301/EN301 AMERICAN/ARIZONA HISTORY/ENGLISH III

**TWO HOUR BLOCK**

<b>Grade:</b> 11	1 Year	2 Credits
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This course will combine the curriculum of American/Arizona History and American Literature into an interdisciplinary, cross-curricular program of study. This course will be taught by two teachers, one from each discipline. Students will be involved in simulations, research, and other special projects. Composition skills will be emphasized.

## SS106W HONORS UNITED STATES HISTORY

<b>Grade:</b> 11, 12	1 Year	1 Credit-Weighted Grade
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*Can be taken for dual credit*

This course will provide an overview of American History sufficient in scope and depth. This course will cover colonial times to the present day.

## SS110 ECONOMICS

<b>Grade:</b> 12	1 Semester	1/2 Credit
<b>Prerequisite:</b> American/Arizona History or United States History		

This course will explore microeconomics and macroeconomics, which prepare the student for decision-making within the American Marketing System. Students will study supply and demand, competition, monetary and fiscal policies and economic growth.

## SS111 THE STOCK MARKET

<b>Grade:</b> 12	1 Semester	1/2 Credit
<b>Prerequisite:</b> American/Arizona History or AP United States History <b>Fee:</b> \$18.00		

*This course will meet the District graduation requirement for Economics.*

*This course **will not** meet the NCAA requirements for Social Studies.*

This course will explore the American economic system through an examination of the components and operation of the stock market. The major concepts of macro and microeconomics will be taught, and some attention will also be given to current economic trends and events. Students will compete in teams against other high schools in the "Stock Market Game," sponsored by the *Arizona Republic* and the National Council for Economic Education. Topics will include supply and demand, profit and loss, capital, business cycles, productivity, circular flow, market economy, saving, unemployment and the Federal Reserve Bank.

## SS115 AMERICAN/ARIZONA GOVERNMENT

<b>Grade:</b> 12	1 Semester	1/2 Credit
<b>Prerequisite:</b> American/Arizona History or United States History		

This course will introduce the basic institutions and practices of the American and Arizona systems of government. This course will focus on the rights and the responsibilities of an active and informed citizen.

## SS116W HONORS AMERICAN/ARIZONA GOVERNMENT

<b>Grade:</b> 12	1 Semester	1/2 Credit-Weighted Grade
<b>Prerequisite:</b> American/Arizona History or Honors United States History		

This course will include an overview of government. Topics will include constitutional government, political parties, civil liberties and rights and interest groups will be studied. **Only students planning to take the Advanced Placement Exam should take this course.**

## SS117W HONORS ECONOMICS

<b>Grade:</b> 12	1 Semester	1/2 Credit-Weighted Grade
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This course will include an overview of economics. An emphasis on microeconomics and macroeconomics will be included. **Only students planning to take the Advanced Placement Exam should take this course.**

# THEOLOGY COURSES

## THEO100 SURVEY OF OLD TESTAMENT

<b>Grades:</b> 9, 10, 11, 12 <i>Theology Credit Given</i>	1 Year	1 Credit-Weighted Grade
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The Old Testament Survey reviews the books of the OT, the author of each book, the categories of OT literature, reviewing the major themes, authors, original intended audience of each book and the various Christian view of origins, original sin, rise and fall of the nation of Israel.

## THEO101 SURVEY OF NEW TESTAMENT

<b>Grades:</b> 9, 10, 11, 12 <i>Theology Credit Given</i>	1 Year	1 Credit-Weighted Grade
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The New Testament Survey covers the history between the Old and New Testament, an overview of each of the books of the NT, the development of the early church, social conflicts in the early church, reviews the major themes, authors, original intended audience and the major theological doctrines found in the NT such as salvation, restoration, forgiveness, mercy, baptism, communion, the resurrection of the dead, heaven and hell.

## CWV101 CHRISTIAN WORLD VIEW

<b>Grades:</b> 11, 12 <i>Theology Credit Given – This course is available to be taken as Dual Enrollment</i>	1/2Year	1/2 Credit-Weighted Grade
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It is a course that covers the basics of contemporary worldviews and compares them with a Christian worldview. This includes the basics of Christianity, formation and reliability of the Bible, restoration, the historical Jesus, salvation, Trinity, ethics and more.

In this course, students explore the big questions that make up a worldview, questions like “Why are we here?” and “What is my purpose?” Students examine how Christians answer these questions and work on exploring their own worldviews, as well as learning how worldview influences one’s perceptions, decision making, and everyday life.

### **IWR244 INTRODUCTION TO WORLD RELIGION**

<b>Grades:</b> 11, 12	1/2 Year	1/2 Credit-Weighted Grade
<i>Theology Credit Given– This course is available to be taken as Dual Enrollment</i>		

This course is a study of the major contemporary religions of the world including Abrahamic religions, Eastern religions, and other religions. The course covers religious texts, historical background, and current beliefs and practices. Emphasis is given to the ideological foundations of a Christian worldview, a comparison of worldviews, and the application of worldviews within a global society. This course is accepted by most universities as a humanities course.

### **THEO105 THEOLOGY OF CS LEWIS**

<b>Grades:</b> 11, 12	1/2 Year	1/2 Credit-Weighted Grade
<i>Theology Credit Given</i>		

This course examines the literature of CS Lewis's books *Mere Christianity*, *A Grief Observed* plus others. The topics of faith, love, moral responsibility, Trinity, authentic Christianity, death, suffering and others will be examined.

### **PHIL103 PHILOSOPHY**

<b>Grades:</b> 11, 12	1/2 Year	1/2 Credit-Weighted Grade
<i>Theology Credit Given</i>		
(Dual Enrollment Credit Available)		

This course is an introduction to the discipline of philosophy through a study of representative philosophical problems. Students are introduced to analytic tools that enable them to practice critical thinking, evaluate knowledge claims, and establish a rationale and justification for other academic disciplines. Topics to be considered include logic, epistemology, metaphysics, and ethics.