ARROYO VALLEY HIGH SCHOOL
COLLEGE & CAREER ACADEMIES

LINKED LEARNING

ACADEMY LEAD CONTACT INFORMATION

ANIVATION TECH ACADEMY
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VAPA ACADEMY
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BUSINESS & LOGISTICS ACADEMY
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CORE ACADEMY
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ELEVATE ACADEMY
DUAL ENROLLMENT PROGRAM SPECIALIST
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DIGITAL MEDIA ARTS ACADEMY
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EDUCATORS FOR TOMORROW ACADEMY
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FOLLOW AND STAY UP TO DATE!

ARROYO VALLEY HS ACADEMIES

AVHS ACADEMIES HOME PAGE

@AVHSACADEMIES

ARROYO VALLEY HIGH SCHOOL
ANIVATION TECH ACADEMY

INDUSTRY SECTOR: INFORMATION AND COMMUNICATION TECHNOLOGIES

CTE COURSE SEQUENCE

9TH GRADE
APPLIED CYBER TECHNOLOGY

This course will help students better understand their relationship with technology from an educational, historical, and professional point of view.

10TH GRADE
CYBER TECH I

This course focuses on a deep dive in both hardware and software on both the client/host level and systems level.

11TH GRADE
CYBER TECH II

The course focuses on current skills and trends to prepare students for internships with work based learning in both project design and development.

ITC INTERNSHIP

This course is designed to transition students from the classroom to professional technical environments.

12TH GRADE
WEB DESIGN & DEVELOPMENT

Students will have extensive hands-on lab experience designing, developing, and maintaining websites and supporting materials

ICT CERTIFICATION

Students engage in structured preparation for advanced industry certifications including CompTIA, Skill Struck and ESRI

ARTICULATED COLLEGE CREDIT
UNIVERSITY OF REDLANDS
- GIS 110: INTRO TO GIS

ARTICULATED COLLEGE CREDIT
CRAFTON HILLS COLLEGE
- WKEXP 099: GEN WORKSITE EXPERIENCE

OVERVIEW

Ani-Vation Tech Academy, a Gold Certified Linked Learning Academy, aims to "Re-Imagine Education in San Bernardino" by connecting high school, college, and careers in technology. Students develop skills in IT support, cybersecurity, coding, web and software development, GIS, data analysis, and esports through hands-on projects and work-based learning. Partnerships with Esri and the University of Redlands provide opportunities for college credit, industry certification preparation, and exploration of emerging technology careers.

CERTIFICATIONS

- CompTIA ITF+
- CompTIA A+
- CompTIA Network+
- CompTIA Security+
- ESRI GIS Foundations
- Skill Struck ITS Python
- Skill Struck HTML & CSS Coding Specialist

CAREERS

- Cybersecurity Analyst
- IT Support Specialist
- Network Administrator
- Web Developer
- Data Analyst
- Software Developer
- Information Security Analyst
- GIS / Geospatial Technician

PRE-APPRENTICESHIP & INTERNSHIP
- MECHATRONICS
- IE CONNECT/SBCSS

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ARROYO VALLEY HIGH SCHOOL
BUSINESS & LOGISTICS ACADEMY

INDUSTRY SECTOR: BUSINESS, BANKING AND FINANCE/MARKETING, SALES AND SERVICE, SUPPLY CHAIN & LOGISTICS MANAGEMENT

CTE COURSE SEQUENCE

9TH GRADE

BUSINESS COMMUNICATION

This course applies the principles of ethical and effective communication to the creation of letters, memos, emails and written and oral reports for a variety of business situations.

10TH GRADE

INTRO TO BUSINESS

This course introduces students to key business concepts found in the Business Management, Financial Services, and International Business pathways.

11TH GRADE

BANKING & FINANCE

They receive training in Financial Literacy, banking operations, including teller duties, finance terminology, check cashing, deposits, communication skills, and customer sales and service.

12TH GRADE

SUPPLY CHAIN MANAGEMENT

Students will learn the basics regarding logistics & how they are applied to the modern world, learn how companies manage to move products and materials around the world in the most efficient way possible.

ARTICULATED COLLEGE CREDIT CHAFFEY COLLEGE

- **BUSMGT-45:** Small Business Ownership and Management
- **BUS-10:** Intro to Business
- **BUSMGT 13:** Supply Chain Management
- **BUSMGT 436:** Intro to Logistics Management

ARTICULATED COLLEGE CREDIT CAL STATE SAN BERNARDINO

- **ADMN 1500:** Introduction to Administration
- **FIN 1001:** Financial Choices in Life

OVERVIEW

Our Business & Logistics Academy focuses on Business Essentials, Financial Literacy, and Supply Chain Logistics Management, preparing students to become strategic thinkers, skilled analysts, effective communicators, and team leaders. Students develop practical skills in managerial accounting, budgeting, business operations, and financial decision-making. A new partnership with Future Business Leaders of America (FBLA) expands leadership and career opportunities, while six articulated college courses—four with Chaffey College and two with CSUSB—connect high school learning to college and careers.

CERTIFICATIONS

- Forklift Operator
  - Three Certifications
- OSHA 10 & OSHA 30
- Financial Literacy
- Entrepreneurship
- Stukent CTE Certifications
  - Social Media
  - Marketing

CAREERS

- Banking & Financial Services
- Accountant / Certified Public Accountant (CPA)
- Supply Chain & Logistics Manager
- Business Operations Manager
- Marketing Specialist
- Entrepreneur / Business Owner

Chaffey College · Cal State San Bernardino · Stukent · Chase · Thinkwise Credit Union · Certiport Authorized Testing Center · Arrowhead credit union · SchoolsFirst Federal Credit Union

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ARROYO VALLEY HIGH SCHOOL

CORE ACADEMY

CONSTRUCTING OPPORTUNITIES IN RENEWABLE ENERGY

INDUSTRY SECTOR: ENERGY, ENVIRONMENT AND UTILITIES & BUILDING AND CONSTRUCTION TRADES

CTE COURSE SEQUENCE

9TH GRADE

TECHNICAL CALCULATIONS

This course will introduce students to career opportunities and the Number and Quantity, Functions, Algebra, Geometry, and Statistics in preparing students for the Energy, Construction and Utilities Industry.

10TH GRADE

GREEN URBAN DESIGN

The course covers concepts and principles of environmental resources, regulation & management of natural resources/environment, water/land use, including efficiency, quality, scarcity, and waste management.

11TH GRADE

MULTICRAFT CORE (MC3)

This course integrates skills and concepts from the Building and Construction Trades, as related to Green Technologies. This is also a certified Pre-Apprenticeship program.

PRE-APPRENTICESHIP

Pre-apprenticeship opportunities through San Bernardino County/IE Connect and the San Bernardino Carpenters Union.

12TH GRADE

PHOTOVOLTAICS

Students learn about energy efficiency and storage, regulations that apply to energy use, our efforts at producing energy sustainability, the impact and work with each other and with solar energy industry mentors.

ARTICULATED COLLEGE CREDIT
SBVC COLLEGE
- TECALC 087: TECHNICAL CALCULATIONS

PRE-APPRENTICESHIP
- CONSTRUCTION
- LAUNCH/CARPENTERS UNION

OVERVIEW

CORE (Constructing Opportunities for Renewable Energy) Academy, a California Distinguished Partnership Academy, prepares students for careers in construction, renewable energy, and the building trades through hands-on training and industry certifications. Pre-apprenticeship opportunities through IE Connect and the San Bernardino Carpenters Union, along with a partnership with GRID Alternatives, connect students to industry experience. An articulation agreement for Technical Calculations with San Bernardino Valley College provides a pathway to college credit.

CERTIFICATIONS

- Green Technology Training
- GIS/GPS Mapping
- LEED Building Retrofitting & Habitat Restoration
- Launch Pre-Apprenticeship
- NABTU Pre-Apprenticeship
- OSHA 10 & 30

CAREERS

- Carpenter
- Electrician
- Plumber
- Solar Photovoltaic Installer
- Construction Manager
- Renewable Energy Technician
- Architect
- Urban Planner

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ARROYO VALLEY HIGH SCHOOL
DIGITAL MEDIA ARTS ACADEMY

INDUSTRY SECTOR: ARTS, MEDIA AND ENTERTAINMENT DESIGN/VISUAL AND MEDIA ARTS

CTE COURSE SEQUENCE

9TH GRADE — CONTEMPORARY MEDIA

The Contemporary Media Design course is a beginning level art course that teaches the use of art elements and principles of design to communicate visual ideas in the 21st century.

10TH GRADE — DIGITECH I

Emphasis is placed on the elements of art, illustration, design and advertising layout, production development, web page design, computer graphics, as well as a fundamental knowledge in photography and film.

11TH GRADE — DIGITECH II / VIDEO PRODUCTION I / DIGITAL PUBLISHING I

- Extends the learning from Digitech I
- Elements of Photography, Software, Equipment
- Elements of Video Production, Software, Equipment
- Graphic design, journalism & project management

12TH GRADE — DIGITECH III / VIDEO PRODUCTION II

- Advanced Elements of Digital Media and Arts
- Advanced Photography, Software, Equipment
- Advanced Video Production, Software, Equipment

ARTICULATED COLLEGE CREDIT SBVC COLLEGE

- ART 148: FUNDAMENTALS GRAPHIC DESIGN PRINCIPLES
- ART 145: INTRO TO DIGITAL APPLICATIONS FOR GRAPHIC DESIGN

ARTICULATED COLLEGE CREDIT CRAFTON HILLS COLLEGE

- WKEXP 099: GEN WORKSITE EXPERIENCE

OVERVIEW

Students in the Digital Media Arts (DMA) Academy develop skills in media design, film and video production, photography, and broadcast journalism through hands-on projects using Adobe Creative Cloud, including Illustrator, Photoshop, After Effects, and Premiere Pro. Students strengthen creativity, problem-solving, critical thinking, and professional communication. Articulation agreements for two courses with San Bernardino Valley College and one with Riverside City College, plus an internship articulation through Crafton Hills College, connect classroom learning to college credit and creative industry careers.

CERTIFICATIONS

- Adobe — Photoshop
- Adobe — Illustrator
- Adobe — InDesign
- Adobe — Premiere Pro
- Stukent CTE Certifications
  - Social Media
  - Marketing

CAREERS

- Graphic Designer
- Digital Media Specialist
- Photographer
- Video Editor
- Film / Video Producer
- Broadcast Technician
- Content Creator
- Production Assistant

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ARROYO VALLEY HIGH SCHOOL
EDUCATORS FOR TOMORROW ACADEMY

INDUSTRY SECTOR: EDUCATION, CHILD DEVELOPMENT AND FAMILY SERVICES EDUCATION

CTE COURSE SEQUENCE

9TH GRADE

CHILD DEVELOPMENT

The course provides students with the skills and knowledge they need to pursue careers in child care and related fields, and emphasizes the preparation of students to become teachers.

10TH GRADE

TEACHER TRAINING I

Students study human development, positive guidance and counseling techniques, age-appropriate and grade appropriate learning strategies, learning theories and curriculum and instructional design.

11TH GRADE

TEACHER TRAINING II

Students explore teaching concepts in greater depth. Through the Reading Buddies Program, they apply concepts, analyze real-life situations, and reflect on their own teaching practices.

PRE-APPRENTICESHIP

Pre-apprenticeship Early Childhood Education opportunities through San Bernardino County/IE Connect

12TH GRADE

TEACHER TRAINING III

This course prepares students for professional or learning support positions in education. Students will create lesson plans using all forms of technology for both instruction and to support learning, also participating in an Internship

ARTICULATED COLLEGE CREDIT
CRAFTON HILLS COLLEGE
- WKEXP 099: GEN WORKSITE EXPERIENCE

DUAL ENROLLMENT
CAL STATE SAN BERNARDINO
- LBST 2970: LIBERAL STUDIES FOUNDATION SEMINAR
- EDMS 2301: INTRODUCTION TO EDUCATION

OVERVIEW

For students who want to inspire others and make a meaningful difference, Educators for Tomorrow provides an early start toward a rewarding career serving children, families, and communities. A California Distinguished Partnership Academy, the program prepares students for careers in education, child development, and family and social services through hands-on classroom experiences across multiple grade levels. Students can earn articulated college credit through San Bernardino Valley College and Crafton Hills College while participating in an Early Childhood Education pre-apprenticeship program with IE Connect and LAUNCH.

CERTIFICATIONS

- CPR, First Aid and AED
- OSHA-10
- Mandated Reporter Training
- Google Certified Educator
- Early Childhood Education Pre-Apprenticeship
- Child Development Associate preparation

CAREERS

- Preschool Teacher
- Elementary or Secondary Teacher
- Special Education Teacher
- Paraeducator or Instructional Aide
- School Counselor or Psychologist
- Social Worker or Family Services Specialist
- Child Development Center Director
- School or District Administrator

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ARROYO VALLEY HIGH SCHOOL
THE ELEVATE ACADEMY

A DUAL ENROLLMENT EARLY COLLEGE PROGRAM PARTNERSHIP WITH SAN BERNARDINO VALLEY COLLEGE

EARLY COLLEGE SCHEDULE

ADVANCED CORE ACADEMICS

4 YEARS OF ADVANCED CORE ACADEMIC SUBJECTS

- MATH
- SCIENCE
- SOCIAL SCIENCE
- ENGLISH LANGUANGE ARTS

THE AVID PROGRAM

4 YEARS OF AVID

- Student-Centric Instruction & SUPPORT
- Helping students who are traditionally underrepresented in higher education become college and career ready.

SUPPORT SYSTEMS

THE PILLARS OF STUDENT SUPPORT

- AVHS College Interns
- AVHS/SBVC Counselors
- AVHS/SBVC Tutoring
- Elevate Academy Lead & AVHS Dedicated Certificated Educators

DUAL ENROLLMENT

A STRUCTURED AND INTEGRATED PROGRAM, SPANNING GRADES 9-12.

- 2 College Courses in 9th Grade
- Minimum of 2 College Courses per Semester 10th-12th Grades.
- Students can achieve an Associate's Degree under a highly monitored and a specialized academic program.

OVERVIEW

The Elevate Academy stands out as more than just a dual enrollment program. It is an integral part of a lively and comprehensive high school environment, offering a rich mix of academic challenges and extracurricular activities. Our unique Elevate Academy is crafted to serve a diverse student body, with a thirst for advanced academic pursuits.

All AVHS Elevate Academy scholars who complete the program will have earned significant college and CAL-GETC credits upon high school graduation.

POTENTIAL CREDENTIALS AND ACADEMIC MILESTONES

- Cal-GETC Completion or Progress
- Transferable SBVC College Credits
- Official College Transcript
- Associate Degree Progress
- AVID Program Completion
- AP Exam Credit
- California State Seal of Biliteracy
- Pathway-Specific Industry Certifications

CAREER OPPORTUNITIES

- Teacher or School Administrator
- Nurse or Healthcare Professional
- Engineer or Research Scientist
- Software Developer or IT Specialist
- Business or Financial Analyst
- Attorney or Public-Service Professional
- Psychologist or Social Worker
- Creative Arts or Media Professional

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ARROYO VALLEY HIGH SCHOOL
GLOBAL LEADERSHIP ACADEMY

INDUSTRY SECTOR: PUBLIC SERVICES/LEGAL PRACTICES AND EDUCATION/HUMAN SERVICES

MYP & DP COURSE OFFERINGS

SOCIAL STUDIES
- AP HUMAN GEOGRAPHY
- AP WORLD HISTORY
- IB HISTORY OF AMERICAS I & II
- AP GOVERNMENT
- AP ECONOMICS

ENGLISH LANGAUGE ARTS
- MYP LANG & LIT I
- MYP LANG & LIT II
- IB LANG & LIT I
- IB LANG & LIT II
- AP LANGUAGE
- AP LITERATURE

SCIENCES
- MYP BIOLOGY
- MYP CHEMISTRY
- IB PHYSICS
- IB SPORTS EXCERCIZE HEALTH SCIENCE
- AP & IB BIOLOGY

MATHEMATICS
- MYP MATH I
- MYP MATH II
- TRIG PRE CAL HONORS
- IB PRE CALCULUS
- IB MATH ANALYSIS
- AP CALCULUS AB

WORLD LANGUAGES
- MYP SPANISH I
- MYP SPANISH II
- MYP FRENCH I
- MYP FRENCH II
- IB FRENCH HL
- IB SPANISH SL
- IB SPANISH HL
- AP SPANISH 3,4 & 5

VISUAL & PERFORMING ARTS
- MYP DRAW/PAINT
- MYP SCULPTURE
- ART DESIGN IB SL
- ART DESIGN IB HL
- VISUAL ART IB SL& HL
- MUSIC IB SL
- THEATRE IB SL
- THEATRE IB HL
- MYP DIGITECH I

OVERVIEW

The Global Leadership Academy develops curious thinkers, confident communicators, and globally minded leaders through International Baccalaureate (IB) and Advanced Placement (AP) coursework. Students explore diverse perspectives, connect learning across subjects, and strengthen research, critical-thinking, and leadership skills. Through challenging academics, community service, and opportunities to earn college credit, students prepare for university study and meaningful careers.

POTENTIAL CREDENTIALS AND ACADEMIC MILESTONES

- IB Diploma or individual IB subject examination results
- MYP Personal Project
- Extended Essay and Theory of Knowledge (TOK)
- Creativity, Activity, Service (CAS)
- College credit or advanced placement through qualifying IB/AP examination scores
- College credit through approved dual-enrollment coursework

CAREER OPPORTUNITIES

- Law & Government: Attorney, diplomat, public policy analyst
- Medicine & Behavioral Sciences: Physician, psychologist, public health professional
- Education & Research: Teacher, professor, academic researcher
- Business & International Affairs: Entrepreneur, business analyst, international business manager
- Communications & Media: Journalist, writer, public relations specialist
- Community & Nonprofit Leadership: Community organizer, nonprofit director, social services leader

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ARROYO VALLEY HIGH SCHOOL
VISUAL & PERFORMING ARTS ACADEMY

INDUSTRY SECTOR: ARTS, MEDIA AND ENTERTAINMENT DESIGN/PRODUCTION & MANAGERIAL ARTS

VAPA COURSE OFFERINGS

TWO DIMENSIONAL ART

- ART 1
- ART 3
- ADV STUDIO ART AP
- MYP DRAW/PAINT
- ART DESIGN IB SL
- ART DESIGN IB HL

THREE DIMENSIONAL ART

- SCULPTURE 1
- SCULPTURE 2
- CERAMICS 1
- CERAMICS 2
- CERAMICS 3 AP
- VISUAL ART IB SL& HL

MUSIC AND CHOIR

- SYMPHONIC BAND 1-3
- WIND ENSEMBLE 1-4
- MUSIC IB SL
- STRING ENSEMBLE 1-2
- CHAMBER ORCHESTRA 1-2
- GUITAR 1
- PIANO 1-2
- CONCERT CHOIR 1-2
- ADVANCED CHOIR 1
- ADVANCED CHOIR 2
- ADVANCED CHOIR 3

THEATRE AND FASION DESIGN

- THEATRE 1
- THEATRE 2
- THEATRE 3
- THEATRE IB SL
- THEATRE IB HL
- FASHION DESIGN 1-2

DANCE AND DANCE PRODUCTION

- CTE DANCE 1
- CTE DANCE 2
- CTE DANCE 3
- CTE DANCE 4
- AVHS DANCE COMPANY

OVERVIEW

The Visual and Performing Arts Academy helps students discover, develop, and share their voices as artists through 2D and 3D art, music, dance, theatre, and fashion design. Our award-winning programs have earned recognition at the local, state, and national levels while providing students with opportunities to create, perform, compete, exhibit their work, and prepare for college and creative-industry careers. VAPA is also home to one of California's few CTE Dance pathways, combining professional dance training with choreography, production, leadership, and career-connected learning.

CERTIFICATIONS

- Adobe Photoshop
- Adobe Illustrator
- Adobe Premiere Pro
- Adobe After Effects
- CPR, First Aid and AED
- OSHA-10 Stage and Production Safety
- Social Media Marketing
- Professional Portfolio or Performance Reel

CAREERS

- Visual Artist, Sculptor or Ceramicist
- Illustrator or Graphic Designer
- Fashion or Costume Designer
- Actor, Director or Theatre Technician
- Dancer or Choreographer
- Musician, Vocalist or Conductor
- Stage or Production Manager
- Arts Educator or Arts Administrator

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ARROYO VALLEY
HAWKS

