Sunnyside Unified School District

Transforming a Community -
THE ACADEMIES AT SUNNYSIDE
Preparing Students for the 21st Century and the World

ACTE Region V Leadership Conference
April 7, 2017
Rapid City, South Dakota
The Academies at SUSD

The Academies at Desert View High School
- Aerospace i-STEM and Digital Technology
- International Hospitality, Tourism and Culinary Arts
- Visual and Performing Arts

The Academies at Sunnyside High School
- Business, Entrepreneurship, Software, Technology and Transportation (BEST²)
- Law, Public Safety and Security
- Medical and Allied Health Sciences

Sunnyside Online Success Academy

Desert View Freshman Academy
Sunnyside Freshman Academy
The Academies at SUSD - Connected Learning

- **Career Focus Area**
  - English
  - Math
  - Social Studies
  - Science

- **Industry Credentials and/or Certificates**
- **Internships & Community Partnerships**

- **Economic Development & Community Transformation**

- **Digital Learning & One to One Computing**

- **Anywhere, Anytime, Online Learning**

- **Support Services**
  - Global Classes
  - Career Academy Focus Area
  - Athletics
  - Fine Arts
  - Social Studies
  - Science
  - AZ CCRS

- **AZ CCRS**
The Academies at SUSD—Guiding Principles Based on Rigorous Program of Study Pathways:

**COLLABORATIVE**
- Partnerships
- Professional Development
- Internships, Service Learning, Job Shadowing and School-Based Enterprises
- Industry Credentials and/or Certifications
- Embedded Academic Credit
- Dual College Credit

**SYSTEMIC**
- Wall-to-Wall Academies
- Accountability and Evaluation Systems
- College and Career Readiness Standards
- Course Sequences
- Credit Transfer Agreements
- Technical Skill Assessments
- AVID strategies school-wide (WICOR Wednesdays)

**STUDENT-CENTERED**
- Broad Academy Clusters Offering Multiple Choices of Program Focus Pathways Offering High Wage and High Opportunities for Future Employment
- Anywhere-Anytime Online and Blended Learning Options
- Guidance Counseling and Academic Advisement
- Teaching and Learning Strategies Focused on Student Development and Portable Outcomes

*Adapted, POS Design Framework, OVAE, U.S. Department of Education, 2010*
The Academies at Desert View High School

AEROSPACE i-STEM AND DIGITAL TECHNOLOGY
• Precision Manufacturing
• Drafting & Design (Mechanical 3-D)
• Engineering Sciences-Mechatronics Focus
• Software Development/Computer Science
• Aviation & Military Science (AFJROTC)
• Sports Medicine

INTERNATIONAL HOSPITALITY, TOURISM & CULINARY ARTS
• Hospitality/Tourism
• Culinary Arts
• Business Operations and Support Services
• Agri-Business-Plant Science (Aquaponics/Greenhouse/Water Harvesting)

VISUAL AND PERFORMING ARTS
• Technical Theater
• Film/TV
• Digital Photography
The Academies at Sunnyside High School

MEDICAL AND ALLIED HEALTH SCIENCES CAREERS
- Emergency Medical Services
- BioScience-U of A Molecular Cellular Biology 102, 102
- Sports Medicine

LAW, PUBLIC SAFETY, SECURITY & HUMAN SERVICES CAREERS
- Law, Public Safety & Security
- Digital Photography

BUSINESS, ENTREPRENEURSHIP, SOFTWARE, TRANSPORTATION & TECHNOLOGY (BEST²)
- Business Management and Administrative Services
- Digital Printing
- Film/TV
- Marketing/Entrepreneurship
- Software Development/Computer Science
- Auto Body Collision Technology
- Automotive Technology
Desert View High School Aerospace i*-STEM

- PRECISION MANUFACTURING-
  - NIMS CNC Operator and Mastercam Certification

- DRAFTING AND DESIGN-
  - 3-D Design-SolidWorks Certification

- ENGINEERING SCIENCES-
  - NIMS Mechatronics Certification

- SOFTWARE DEVELOPMENT/COMPUTER SCIENCE-
  - Java and AP Computer Science Principles

- SPORTS MEDICINE-
  - Athletic Training Internships and EMR Certification
Sunnyside High School
Medical and Allied Health Sciences

- **EMERGENCY MEDICAL SERVICES** - EMR Certification, EMT Pathway

- **BIOSCIENCE** - U of A Molecular Cellular Biology Dual Credit in MCB 102, 102 and Kino Heritage Trees Project with U of A and AZ Sonora Desert Museum Researchers, Native Seeds SEARCH research projects, Biotility-Bio-LabTech Certification

- **SPORTS MEDICINE** - Athletic Training Internships and EMR Certification

[Logos and images from The University of Arizona, BIO5 Institute, and Raytheon]
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