



Career and Technical Education Instructional Program Information

Program Name: AgriScience	Program CIP Code: 01.0100.40
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Description: The **AgriScience** program is designed to prepare students for employment in the Agriculture, Food and Natural Resources career cluster. Students completing this program will possess the appropriate cluster technical knowledge and skills associated with the production, processing, marketing, distribution, financing, and development of agricultural commodities and resources including food, fiber, wood products, natural resources, horticulture, and other plant and animal products/resources. In addition to the required technical skills, students will also develop leadership, advanced employability, critical thinking, applied academic, and life management skills. The program utilizes a delivery system made up of three essential and required components: formal instruction, experiential education through Supervised Agricultural Experiences (SAE), leadership and personal development through the Career and Technical Student Organization, FFA.

GPS Comprehensive High School Sites Offering the Instructional Program:				
Campo Verde HS	Desert Ridge HS	Gilbert HS	Highland HS	Mesquite HS
Yes	Yes	Yes	Yes	Yes

Program Technical Standards and Measurement Criteria:
<http://www.azed.gov/cte/agriscience-01-0000-00/>

Program Information:		
Career and Technical Student Organization Affiliation	Carnegie Units Required (Number of Credits to Complete Program)	Non-Traditional Designation (Gender comprise less than 25% of the individuals employed in the workforce.)
FFA	3	Female

Course Offerings:		
Sequence of Instruction	Course Code (CIP)	Gilbert Schools Course Title
1	01.0100.10	AG100 APPLIED BIOLOGICAL SYSTEMS or AG120 AG ENGINEERING AND FABRICATION I
2	01.0100.20	AG201 AG SCIENCE-ANIMAL or AG205 AG SCIENCE – PLANT I or AG221 AG ENGINEERING AND FABRICATION II
3	01.0100.25	AG208 AG SCIENCE-VETERINARY SCIENCE or AG306 AG SCIENCE – PLANT II
4	01.0100.30	AG310 AG BUSINESS AND MANAGEMENT
Optional 3 or 4	01.0100.30	AG315 AGRICULTURAL PROCESSING (Taught at GHS)

Student Industry Certification(s):	
Certification Title	Link to Certification Information
Beef and/or Pork Quality Assurance and/or	https://extension.arizona.edu/quality/resources/related-websites.html
Arizona Certification for Nursery Professionals (ACNP) and/or	https://azna.org/certifications/
Arizona Landscape Contractor Association (ACLA) (A-F CCRI eligible) and/or	https://www.azlca.com/aclp
Arizona Agriculture Skills & Competencies Certificate (A-F CCRI eligible)	https://www.azfb.org/Article/HS-Industry-Certificate

Teacher Certification(s) Requirements:	
Certification Title	Link to Certification Information
Career and Technical Education Agriculture	http://www.azed.gov/educator-certification/forms-and-information/certificates/