

Eduardo Galvan

Engineering Training Instructor - Arizona Public Service

Las Cruces, NM - Email me on Indeed: [indeed.com/r/Eduardo-Galvan/dc4860e11ed3027c](https://www.indeed.com/r/Eduardo-Galvan/dc4860e11ed3027c)

Willing to relocate

Authorized to work in the US for any employer

WORK EXPERIENCE

Engineering Training Instructor

Arizona Public Service - Tonopah, AZ - June 2014 to Present

Arizona Public Service

Palo Verde Nuclear Generating Station - Tonopah AZ Palo Verde Nuclear Generating Station -Tonopah AZ

June 2014 - Present position September 2006- June 2014

Job Title: Engineering Training Instructor

Database Designer/Materials Testing

NASA - Las Cruces, NM - June 2001 to August 2003

Las Cruces NM General Products Division Facility - Tucson AZ

June 2001 - August 2003 August 98 - January 2001

Job Title: Database Designer/Materials Testing

Research Assistant

New Mexico State University - Las Cruces, NM - January 1998 to August 2000

New Mexico State University

Main Campus - Las Cruces, NM Main Campus - Las Cruces, NM

January, 1998-August, 2000 June, 1995-August, 1998

Job Title: Research Assistant Job Title: Research Assistant

Engineering Dept. Virtual Tour Project Astronomy Dept. Binary Star Research

EDUCATION

Bachelor of Science in Electrical & Computer Engineering

New Mexico State University - Las Cruces, NM

December 2005

SKILLS

Access 97 (Less than 1 year), Database (2 years), Instructor (3 years), Testing (2 years), Training (3 years)

ADDITIONAL INFORMATION

Skills and Qualifications

Nuclear Engineering Training Instructor: Maintain and implement the stations accredited nuclear training program using the Systematic Approach to Training (SAT process). Develop training materials as requested to meet

the needs of the site engineering population, changing technology, and identified performance gaps.

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EDUARDO GALVAN

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Program Manager: Responsible for the development and implementation of the federally regulated Motor Operated Valve (MOV) and Air Operated Valve (AOV) Programs at Palo Verde. Duties include ensuring programs

meet all federal regulations and requirements as governed by ASME Code Case OMN-1, Generic Letters 89-10 & 96-05.

Responsibilities Include: Maintaining and developing Design Basis Documentation, Procedures, Studies, and Calculations. Performing Diagnostic testing, trace analysis and trending of more than 312 Safety Related MOVs

using Teledyne Quiklook and MIDAS Hardware/Software. Perform Failure Analysis Evaluations, Root Cause Analysis Evaluations, Operability Evaluations. Develop and maintain strategic Preventative and Predictive Maintenance Programs. Develop instructions for Inspection and repair of actuators and valve internals. Provide

support to In Service Testing (IST), Check Valve and Relief Valve Programs.

KEPNER-TREGOE: Problem Solving & Decision Making Course [...]

Valve Trace Analysis/Modeling: Teledyne MIDAS, APSTEST, Quiklook, CRANE VIPER, KVAP

Other Relevant Courses: Nuclear and Atomic Physics, Plant Systems, Integrated Plant Operations

Circuit Analysis/Design: Power World, Lab View, B-2 Logic, Top Spice, Mathcad, Matlab

Programming: C/C++, Perl, Java, FORTRAN

OS: Unix, Linux, MacO/S, DOS, VM, OS2, VXWorks, Windows

Image Processing: IRAF, Binary Maker 5.0, Freelance Graphics

Fibre Optics: FINISAR Fibre Channel Analyzer, RAID Controller Unit

Database Design: Access 97, Visual Basic, Excel

Electromagnetics

Modeling input impedance of a microstrip antenna using simple transmission line theory

Implementation and testing of antennas in Anechoic Chamber

The study of S-parameters, Transmission Line Analysis & Circuit Simulation using ANSOFT Designer.

Public Speaking:

Presented research at several professional and academic conferences/ symposiums nationally and internationally

Present Program Health Reports to Board of Directors and Plant Managers

Served as a member on the Alliance for Minority Participation board of professionals in engineering at NMSU

Speak to undergraduates on the Role of the Engineer and the importance of math and science - STEM [...]
Bilingual: Spanish

Public Service

APS Habitat for Humanity Volunteer, Phoenix AZ, IBM United Way Volunteer, Tucson AZ
Big Brothers Big Sisters NMSU Program Coordinator, Washington Elementary Las Cruces, NM
Served as NMSU Alliance for Minority Participation ambassador to the National Science Foundation 97-98
Give presentations to Elementary, Middle school, and High School students about STEM.
Serve on the Board of Professionals for AGUILA, talking to High School students about STEM.