

## **Vitae**

# **ALBERT N. ZUO**

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Grayson College  
Director, Electrical Engineering Technology  
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### **Education**

Certificate, Electronics Trade, Polytechnic University (Formerly Institute of Vocational Training), Tokyo, Japan  
A.A.S, Electronic Telecommunications, Eastfield College, Mesquite, Texas  
A.A.S, Electronics/Computer Technology, Eastfield College, Mesquite, Texas  
A.S, Mathematics, Richland College, Dallas, Texas  
A.S, Electrical Engineering, Richland College, Dallas, Texas  
B.S, Electrical Engineering, 2014, University of Texas at Dallas, Richardson, Texas  
M.S, Electrical Engineering, 2020, University of Texas at San Antonio, San Antonio, Texas

### **Teaching Experience**

- August 9, 2023 – Present, Grayson College, Director, Electrical Engineering Technology (EET)
- 8/2021 –9/2023, Adjunct Professor, Collin College, Technical Algebra and Trigonometry, Allen TX
- 10/2018 – 5/2021, Substitute Teacher, North East ISD, San Antonio TX
- 8/2016 – 6/2018, Teacher, Career & Technical Education (CTE) , Amarillo ISD, Amarillo TX

### **Courses Taught:**

- Principles of Applied Engineering
- AC/DC Electronics
- Solid State Electronics
- Electronic Soldering
- Robotics
- Technical Algebra and Trigonometry
- DC Circuits
- AC Circuits
- Solid State Circuits
- Programmable Logic Controllers
- Semiconductor Manufacturing Technology
- Process Troubleshooting
- Vacuum Technology
- Introduction to Engineering
- Engineering Mechanics: Statics

I am prepared to teach the following courses:

- Electrical Circuits I
- Electrical Circuits I Laboratory

I am presently teaching the following courses this fall 2025:

- CETT 1403 – DC Circuits – Fall 1 2025
- CETT 1425 – Digital Fundamentals – Fall 1 2025
- ELPT 2319 – Semiconductor Manufacturing Technology – Fall 1 & 2 2025
- CETT 1405 – AC Circuits – Fall 2 2025
- CETT 1441 – Solid State Circuits – Fall 2 2025
- ENGR 1201 – Introduction to Engineering – Fall 2 2025

### **Professional Experience**

- Volunteer Project Coordinator, UV Water Purification Systems, PHPC, Dallas, TX - 01/2020 to present.
- Advanced Engineering Technician Adecco/Applied Materials, Austin TX - 06/2021 to 08/2021.
- Sr. Communications Technician, Roberts International Airport, Liberia - 1988 to 07/2001.

### **Honors and Awards**

- Outstanding achievements in UT Dallas Senior Design Project, 12/2014
- Excellence in Service Performance (Securitas Service Heroes), 3/2011
- Phi Theta Kappa Society (Psi Eta Chapter, Eastfield College), 10/2004

### **Association Memberships**

- Phi Theta Kappa Society societies (Psi Eta Chapter Eastfield) Dallas College 10/2004
- Fiber Optics Associations 8/2005

### **Languages** English

### **Professional Development**

- NC3/FESTO Certified - Fundamentals of Robotics – May 22, 2025
- NC3/FESTO Certified - Fundamentals of Electricity – AC, May 20, 2025
- NC3/FESTO Certified - Fundamentals of Electricity – DC, May 19, 2025
- Child Abuse Prevention and Awareness, November 2024
- Family Educational Rights and Privacy Acts (FERPA), November 2024
- UR Robots -Teacher Certification Training, Certificate of Participation, December 15, 2023
- UR Robots - Core Training Simulator-Based, Certificate of Participation, December 13, 2023
- UR Robots- e-Series Core Track, Certificate of Participation, December 11, 2023
- Harassment Prevention for Employees, October 8, 2023.
- FERPA for Staff in Higher Education, October 8, 2023
- Child Abuse Awareness and Prevention for Texas, October 8, 2023.
- Preventing Phishing, October 8, 2023.
- Title IX, The Clery Act, and VAWA for Faculty and Staff, October 8, 2023.
- Bloodborne Pathogens, October 7, 2023.
- CyberSecurity Training, October 7, 2023.
- Texas Cybersecurity Awareness Training, May 27, 2023
- TEA Continuing Professional Education (CTE Work-Based Learning), June 2022.
- 2022 DIR CSA Annual Cyber Security Training, April 2022.
- Preventing Harassment & Discrimination, March 2022.
- FERPA Basics Certificate of Completion, March 2022.
- 2021 DIR CSA Cyber Security Training, April 2021.
- TEA Module 1 — Active Monitoring, March 2018.
- TEA Module 2 — Distribution of Test Materials, March 2018.
- TEA Module 3 — Proper Handling of Secure Materials, March 2018.