



Faculty Name: Ervin M Emanuel, P.E. **Work Address:** P.O. Box 519; MS 1060
 Prairie View, TX 77446

Position Title: Adjunct Instructor

Office Location: New Engineering Building, Room NENR 349

Office Phone: 936-261-9919

Email Address: ememanuel@pvamu.edu

Education:	Degree and Area of Study	Institution Name	Degree Date
	Master of Science, Electrical Engineering, Electrical Power, and Control Systems	Iowa State University, Ames Iowa	August, 1976
	Bachelor of Science, Electrical Engineering	Prairie View A&M University Prairie View Texas	May, 1972

Teaching Experience	Position Title	Institution Name	Position Dates (Beginning and End)
	Assistant Professor of Electrical Engineering	Prairie View A& M University, Prairie View Texas	8/1976—5/1987
	Adjunct Instructor, Department of Electrical and Computer Engineering	Prairie View A& M University, Prairie View Texas	2/2023--Present

Professional Publications:

Digital Readout of Polyphase Induction Motor Test Values", M S Thesis, Iowa State University, Ames Iowa, 1976

A Digital Instrumentation System for Test and Control of AC Machines, Midwest Power Symposium, University of Nebraska, Lincoln Nebraska, 1978

Apparatus for testing the performance of electric motors United, States Patent 4091622, and 4091662 A · Issued May 30, 1978

Apparatus and method for testing the performance of electrical. Machines, United States Patent 4348892, Issued Sep 14, 1982

An IBM PC Based Math Model for Space Station Solar Array Simulation",
NASA ASEE Research Fellow, NCR 171931, August 1985.

A Microprocessor Based Solar Voltage Array", Final Report, Johnson Space
Center, Houston Texas, December 1986.

Space Station Electrical Power Distribution Analysis Using a Load Flow
Approach", NASA ASEE, Research Fellow, August, 1986.

Space Shuttle Kapton wiring insulation susceptibility to arc Tracking
empirical analysis ,1989.

**Additional
Trainings/Skills:**

Certified Information System Security Professional (CISSP) certificate
of training Boot Camp, 11/2019

Certificate of completion, Texas Executive Education Program,
Leading Change, The University of Texas | Austin, 11/2020

Certified Accident/ Incident Investigator, NASA, DOE, 1988