

David Sanders
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Education:

B.S. Electrical Engineering, Tennessee Technological University, 1977
Concentrations: Power Distribution, Mathematics
Master of Mathematics Education, Georgia Southern University, May 2013
Doctor of Education, Georgia Southern University, Expected July 2019

Experience:

Instructor K-13 Mathematics, Mathnasium Rockwall TX 2017-current

Teacher High School mathematics, Fulton School Heath TX 2016-2017

Instructor: 2009-2016
East Georgia State College
Course: Learning Support Mathematics and College Algebra

Instructor: 2009-2010
David Emanuel Academy
Course: 12th-grade mathematics

Business Executive: 1984-2008
Detroit Automotive Industry
Principal Positions: EVP Horizons Unlimited; President & C.O.O. Taylor Machine Products
Tier 1 auto suppliers for Ford, GM, and Chrysler

Engineering Manager: 1979 -1984
Hand Tool Industry
Manufacturers of Craftsman Hand Tools

Research Skills:

Six Sigma Green Belt, Lear Corporation, 2003
Edwards Deming Statistical Process Control and the 14 Point Plan, March 1984
Strategic Business Planning, Michigan State University, 1985
Financial Business Planning, Wharton School, 1979.

Presentations:

The Design of Craftsman Socket Wrenches, 1988

The Introduction of IBM MAPICS to the manufacturing floor, 1985

The Conversion of Socket Manufacturing from Hot Forge/Screw Machine base to Cold Forming & Extrusion, 1981

The conversion of Hydraulic Valve Spool Manufacturing from Automatic Bar Machines to CNC Centered Products, 1979

Publications:

Quality Control Manual for Taylor Machine Products 1990

Quality Operating System Manual for Taylor Machine Products 1996

Quality Operating System Manual for Kongsberg Automotive 2008

Awards and Honors:

Ford Motor Company Q1 Award 1989, 1990

Chrysler Pentastar 1987, 1988

ISO Certifications 1999, 2002, 2004

Skills and Qualifications:

Microsoft Office

Business Operating Systems: MAPICS, QAD, PRMS, CMS

Online Mathematics Learning Systems, Pearson's Course Compass, and Hawks Learning System

TI 84 and 89 graphing calculator operation and instruction,

D2L Brightspace learning platform,

Banner Web Student information system

Mathnasium Instructor