

Roberto Sanchez

Curriculum Vitae

Name: Roberto Sanchez

Work Address: Stafford Campus

Office Telephone Number: 713-718-6888

College Email Address: roberto.sanchez2@hccs.edu

Education

- Bachelor of Science in Industrial Engineering, University of Lima 1981
- Certificate in Basic Structural Welding, Houston Community College 1990
- Certificate in Computer Programming, Control Data Institute 1988
- Certificate in Banking and Financing, Pacific University of Lima 1981
- National Institute for Metal Working Skills NIMS: Eight certificates 2013
- CPT 4.0 + Certified Production Technician by MSSC (Manufacturing Skills Standards Institute) 2021

Teaching Experience

- Instructor, August 2010 – Present
Houston Community College
Professor of Manufacturing Engineering: CNC for Vertical Machining and CNC for Turning Centers, Hydraulics & Pneumatics, Technical Mathematics, Math for Machinist, Lean-Six Sigma, Safety & Ergonomics, Manufacturing Processes.
- Assistant Professor, 1978 - 1981
University of Lima
Courses: Mathematics I

Professional, Technical, and Work-related Experience and Skills

- Twenty years of experience in Manufacturing serving the oil and petrochemical Industry.
- Plant Manager, overlooking three manufacturing divisions.
- Implemented hardware and structured packing automated divisions.
- Implemented a thermoplastic welding line.
- Fluent in Spanish.

Professional Achievements and Publications

- Co Inventor of a Pocket Vane Particle & Droplet Eliminator, Patent No US 6,852,146 B2.
- Designed and implemented a stamping die to form three corrugations per stroke.
- Graduated in the top 20% of his Engineering class.
- Author of a Mist Eliminator Installation Manual for refinery towers.
- Author of the Quality Control Manual for ACS Industries.