

**Morteza Sameei**  
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**Education:**

- Master's of Science Computer Applications (Concentration in Computer Engineering), University of Houston Clear Lake, May, 1982.
- Bachelor of Science Electronic Engineering Technology, University of Houston Central Campus, December 1980.

**Instructional Leadership Experience (1980-present):**

- Provide leadership to the 5 programs of the Global Energy Institute: Process, Petroleum, Instrumentation, Electronics and Drafting Engineering Technologies 2009-present
- Faculty Member at Houston Community College, Electronic Engineering Tech, Process Tech and Petroleum Engineering Tech 1984-Present  
Courses: Teaching courses in Engineering, Electronics Engineering Tech, Process Tech and Petroleum Engineering Technology programs
- Adjunct faculty, University of Houston, Central Campus, College of Engineering Technology, 1980-1983.  
Courses: Courses related to Computer Architecture and Digital System
- Adjunct Instructor, San Jacinto College, Department of Technology, 1980-1983.  
Courses: Courses related to Computer Architecture and Digital System.
- Adjunct Instructor, University of Houston at Clear Lake City, College of Science and Technology, 1982-1983.
- Provide leadership in revising, developing, and adjusting the technical programs and courses to respond to changes in industry, 1999-present, (all AAS and Certificates in Global Energy Institute programs are aligned with industry requirements based on advisory board recommendations)
- Provide leadership for faculty engineer members in maintaining curriculum to secure ABET accreditation for all programs in Global Energy Institute at HCC-NE, 1999-present (Electronics Engineering Technology is ABET accredited. Process Technology, Petroleum, and Instrumentation are in the process of applying for ABET accreditation)
- Maintain credit transfer with all area 4-year University Technology programs such as TSU (2+2), UH, Prairie View A&M University, etc.

- Provide leadership for faculty engineers/coordinators to evaluate curriculum currency for all programs in Global Energy Institute at HCC
- Foster dual-credit programs at area High Schools and maintain enrollment for Global Energy Institute programs
- Provide leadership for faculty engineers to advise students and enhance delivery of instruction
- Provide leadership for faculty engineers in scheduling of program offerings in their respective technical areas to promote successful completers in the Global Energy Institute programs in a timely manner (steady increase of program completers)
- Provide leadership for faculty engineers to maintain latest technology lab equipment in their respective technical areas to insure quality of instruction and growth in the Global Energy Institute programs
- Provide leadership for all faculty engineers to implement and assess program and course learning outcomes to ensure adherence to goals and objectives of institution, college, and their respective programs in Global Energy Institute and to make changes to the curriculum as needed to enhance teaching and learning
- Provide leadership in creating opportunities for all faculty engineers/coordinators to promote and market their respective programs in Global Energy Institute for student enrollment, advisory committee membership, industry partnerships, etc

**Administrative/Management Experience (with increase in management responsibilities 1999-present):**

- Manage day to day operation of 5 programs in the Global Energy Institute at HCC-NE as Dean/Director and Division Chair
- Hire qualified professional engineers to lead Electronics, Process, Petroleum and other programs at HCC-NE
- Design strategies to maintain quality and train engineers to increase retention rate in Global Energy Institute-senior engineers handle entry level and advanced level courses to ensure quality of instruction, team work, oral/written communication and engineering ethics are well covered in the curriculum
- Manage Dual-Credit enrollment, ECHS, and develop HILZ (Futures Academy) Technical programs for High Schools
- Provide leadership for faculty engineers to increase enrollment for all programs at Global Energy Institute through course offering in response to market demands while insuring quality of instruction delivery
- Manage articulation between HCC and TSU, UH and other 4 year university technical Institutes by holding yearly meetings
- Manage NSF Grants and completed grant projects between HCC-UH College of Technology
- Facilitate program advisory boards for all programs to represent companies in the Greater Houston
- Train lead engineers to manage programs day to day operations in the Global Energy Institute, on-going division in-service and faculty meetings
- Train engineers to teach Global Energy Institute courses in multi-campus arrangements to maintain consistency and quality of instruction

- Maintain ABET Accreditation for Electronics Engineering Technology at HCC-NE for the past 30 years as a faculty, Chair, Associate Chair and Director
- Manage/Coordinate all reports required by SACS, THECB, and HCC Workforce District Office required of the Global Energy Institute programs
- Train engineers to coordinate program reports required by THECB and HCC Workforce Office for all programs at the Global Energy Institute
- Manage financial and secure funds to cover Global Energy Institute Division expenses:
- Secure funds to build new programs in the Global Energy Institute
- Secure internship opportunities to promote placement of graduates of technical programs
- Modify technical programs in Global Energy Institute Division to respond to market demand while maintaining the highest quality in training
- Manage all aspects of personnel in the Global Energy Institute Division, 1999-present
- Evaluate performance of all faculty and staff of the Global Energy Institute
- Provide leadership in identifying and encouraging participation in professional development opportunities for all faculty/staff in Global Energy Institute

#### **Professional, Technical, and Industrial Work Experience and Skills:**

- Director, Division Chair, Chair, Program Coordinator, Lead Engineer Faculty, HCC-NE, 2009-Present
- Department Chair, Program Coordinator, Program Manager, HCC-NE, 1999-2009
- Department Chair Associate, Lead Engineer Faculty, HCC, 1984-1999
- Senior Electronic Engineer, University of Texas Medical Branch, 1983-1984.
- Systems Hardware Quality Engineer, Schlumberger Well Services, Product Quality, 1980 - 1983.

#### **Process Technology and Oil Field Responsibilities/Services/Field Experience in Oil and Gas Quick Fix Shops**

Run day-to-day technical operation of Down-Hole Tools used in the Well Logging Services, and perform Quality/Safety Assurance in Electro-Mechanical Quick Fix Shops

Manage Operators and Technical teams to do well site testing, Log Wells on board Schlumberger Well Services Trucks. Install, test, repair, troubleshoot, maintain Actuators, Sensors, Transducers, LVDTs in Process control Instruments, including temperature, pressure, flow, and level controls on site.

Design, Install, test, maintain, troubleshoot, and repair Pumps, Pressure Vessels, Tanks, Compressors, Heaters, Coolers, and other equipment used in Oil and Gas Field Service and Process Instrumentation. Work in and run a 13-person team shop of Process Operators on Well Logging Simulation including reservoir data simulation, Gamma Ray Radiation, Sonic-SOND Tool System, Flow meter Tool System, Cable Making/Testing Tools, Megger-Insulation testers, Winch Drives, and other Electro-Mechanical equipment used in the field. Work as Certified Safety Engineer and enforce safety and health related policies in the shop and in the field relating to heavy mechanical equipment, lifters, fork-lift trucks, Gamma ray Radiations, Optical film Units, Chemicals used in the Process Instrumentation, and Electro-

Magnetic equipment carrying Hi-Temperature Chemicals, Hi-Pressure Liquid and Gases, Hi-Voltage Electrical System, Shake-and Bake Testers.

- Owner/President/Manager, Computer & Electronic Engineering Consultant, Samtech Computer Electronics and Samtech Enterprise, 1980-Present  
**Process Technology and Oil Field** Responsibilities/Services/Field Experience in Oil and Gas--Design, Install, test, maintain, troubleshoot, and repair Computer Systems that control Pumps, Pressure Vessels, Tanks, Compressors, Heaters, Coolers, and other equipment used in Oil and Gas Field Services and Process Instrumentation. Run Electro-Mechanical and small engine repairs shops to service Oil/GAS Fields, refineries Big 3 Industries, Air Liquid Gas, and Military Industrial Supplies. Repair compressors, Heat Exchangers, Coolers, Distillation equipment and other Process Instrumentation equipment in refineries.

### **Professional Certifications:**

- Certification in Electrical, Plumbing, and Air Conditioning
- Certification in Automotive and Small Engine Repairs
- Safety Certificate, Schlumberger Well Services
- Fork Lift Certificate, Schlumberger Well Services
- Certified CISCO Networking Instructor 1999-present
- Certified Distance Education Eagle Online Instructor
- Certified HP Laser Printer Technologist (Laser IC Level Certificate)

### **Professional Development (1984-Present):**

- Chair Excellence Institute Graduate 2009-2010
- Chair Academy Training Graduate 1999
- Annual conferences of Texas Community College Teachers Association (TCCTA)
- CISCO Networking Workshops
- Offshore Technology Conferences
- Conferences of IEEE (Institute of Electrical Electronic Engineers)
- HCC Professional Development Series TLE, CIT, PeopleSoft Student Registration, Finance, HR/Personnel Management Series
- WECM training workshops (Workforce Education Course Manual) to represent HCC in Texas
- ABET Technical Program Evaluator Seminars and represent HCC-NE in evaluating Two Year Colleges in the USA, 1980-Present
- Accounting Corporate Tax Training seminars 1980-Present

### **Membership:**

- Member of Texas Community College Teachers Association (TCCTA)
- Member of Institute of Electrical Electronic Engineers (IEEE)

### **Awards:**

- NISOD Excellence Award recipient 1996
- NISOD Excellence Award recipient 2013

