

ABDULLAH BINMAHFOOZ

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Education

- New Jersey Institute of Technology (NJIT) August 2011- May 2013
Newark, New Jersey, USA
MS in Power and Energy Systems
GPA: 3.7/4.0
- Widener University, January 2008- August 2011
Chester, Pennsylvania, USA
Academic Honors Spring 2009, Fall 2010
Bachelor of Science in Electrical Engineering
GPA: 3.1/4.0

Current Academic Position

- Faculty Member at Institute of Public Administration (IPA), June 2015- present
Engineering and Project Management Sector

Current Administrative Positions

- Director of Operations& Maintenance Dept. August 2015- present
- IPA's Eastern Region Branch Projects Coordinator January 2017- present
- .Director of Engineering and Projects Management Training Programs Sector January 2017- present

Committee membership:

- Member of Continuous Improvement team, December 2015- present
Standard of Facilities and Equipment
- Member of the Standing Committee of Engineering and Projects February 2017- present
Management Training Programs Sectors
- Member of the Direct Purchase Study Committee at IPA December 2017- Present
Dammam Branch
- Member of the Repository Warehouse Study Committee at IPA November 2017- Present
Dammam Branch

Training Courses Attended

- Certificate Of Attendance: Practical Course in August 18-20, 2015
Development Trainers' Skills
- Certificate Of Attendance: The 6th Safety And November 9-10,2016
Fire Protection Conference

- Certificate Of Attendance: Workshop In The Task Of Engineers For The 2030 Vision
- Certificate Of Attendance a Course: Effective Consultation Skills August 6-10, 2017
- Professional Certification: Engineering Arbitration and Contracts of Construction in the Consideration of FIDIC:
 1. Level I: Passing Certificate in The Nature of the Arbitration Task and the Terms of the Contracts of the Contracting January 28-31/2018
 2. Level II: Passing Certificate in FIDIC Contracts, Terms, Claims and Settlements February 11-14/2018
 3. Level III: Passing Certificate in Practical Workshops i Resolving Disputes of Building and Construction Contracts March 4-7/2018
 4. Passing Certification of Engineering Arbitration and Contracts of Construction in the Consideration of FIDIC (48 hours)

Teaching and Training the Government Employees the Following Courses

- Maintenance Management
- Writing Engineering Reports
- Central Supervision of Construction Projects
- Site Supervision of Construction Projects
- Applying the Key Performance Indicator (KPI) on Maintenance Management
- Dispute Resolution in Construction Projects

Areas of Specialization

Linear Systems, Steady state Analysis of Power Systems, Transients in Power Systems, Circuit Analysis, Discrete and Continue Signal Systems, Logic Design, Electronics, Analog Communication, Electrical machines, Power Electronics, Electronics, Automation Systems, Renewable Energy, Project management, Health and Safety Engineering, Management of Technology, Optimization for Communication and Networks, Computer Networks Design and Analysis, Random Signal Analysis, Internet and Higher-Layers Protocols, Wireless Network, High Performance Routers and Switches, Computer Communication Networks.

Projects/Thesis

Senior Project: “Medical Surveillance: Automatic indoor Slip-Fall Detection”
I had designed a system to detect fall of patients and elder people in a medical or any other vicinity using MATLAB. Logic involves triggering of alarm if the person lies below a certain height for more than five seconds.
I have written a Turn Paper on **Transient Voltage Resulting from Current Chopping**.

Affiliations

- IEEE-member, USA
- IEEE-member, KSA
- Saudi Council of Engineers- member, KSA

Skills

- **Electrical Engineering Software:**
ATP Draw, Power World Simulator, ETAP, Multisim, PSpice, Design and simulation using ISE Simulator, Design Implementation on FPGA chip and VHDL design
- **Computers:**
Microsoft Office, MS Project, Adobe
- **Languages:**

English	Spoken Language
Arabic	Native Language

Other Activities

- Member of Saudi Student's Club at Widener University
- Member of Saudi Student's Club at New Jersey Institute of Technology
- Volunteered for OIL7 (Career fair organized at Washington D.C by the Saudi Govt.)
- Volunteered for Italian Festival in Philadelphia