

**ABET Curriculum Vitae of:**  
Mohammed Ahmed Alghassab

DEGREE	DISCIPLINE	INSTITUTION	YEAR
Ph. D.	Electrical & Computer Engineering	Oakland University	2018
M. Sc.	Electrical & Computer Engineering	Gannon University	2013
B. Sc.	Applied Electrical Engineering	Ha'il University	2007

**Academic Rank: Associate Professor**

**Academic Experience:**

**Institution:** Shaqra University

**Rank:** Assistance Professor

**Title:** (Member of Electrical Department)

**Dates:** June 2018 – present

**Full Time or Part Time:** Full Time

**Institution:** Oakland University

**Rank:** Teaching Assistance

**Title:** (Taught undergrad level engineering classes including Advanced Math and Circuits)

**Dates:** Jan2017 – Aug2017

**Full Time or Part Time:** Full Time (for Oakland University)

**Institution:** Shaqra University

**Rank:** Teaching Assistance

**Title:** (Collaborated with professors to create coursework to meet accreditation requirements)

**Dates:** 2010– 2011

**Full Time or Part Time:** Full Time

**Institution:** Shaqra University

**Rank:** Teaching Assistance

**Title:** (Acting Vice Dean for Academic Affairs)

**Dates:** 2010 – 2011

**Full Time or Part Time:** Full Time

**Certifications or Professional Registrations:**

**Professional Training**

**“Fundamentals of Automotive Functional Safety Control Systems using ISO 26262” SAE**

**Certificate of Mastery Course** Nov 17 – Dec 17

- Automotive Functional Safety Training: Intro to controls using ISO-26262
- Certification CAN Communications(J1939)
- Code Generation Training
- Engineering Process Training
- Controls Theory and Application
- Gasoline Engine Controls Training (Speed Governing, Controls Model, System Diagrams, Wiring and CAN)
- Business Etiquette, Agile SCRUM, Leadership, Budgeting, Stress, Conflict Management, Communication, Teamwork.

**Membership in Professional Organizations:**

Member of IEEE Society.

**Service Activities:**

VP of Saudi Student Organization, May 16 – Sep 17.

**Principal Publications and Presentations of the Last Five Years:**

- [1]. **Alghassab, M.** and Zohdy, M. A. (2016) [Modelling of a Residential Solar Energy Recuperation System Setup](#). Open Journal of Energy Efficiency, 5, 135-147.
- [2]. **Alghassab, M.**, Mahmoud, A. and Zohdy, M.A. (2017) [Nonlinear Control of Chaotic Forced Duffing and Van der Pol Oscillators](#). International Journal of Modern Nonlinear Theory and Application, 6, 26-37.
- [3]. **Alghassab, M.** and Zohdy, M.A. (2017) [Investigation and Analysis of the Lyapunov Control of Zohdy/Harb Nonlinear Oscillator](#),7, 56-63, IESC, NY-IEEE.