

Instructor records

1- Ajman University: 2019-present

- Spring 2019, Spring 2020: Devices I/ Electronics I, Devices II/Electronics II,
- Fall 2020: Digital logic Design, Design with ICs,
- Fall 2020, 2021: Circuit Analysis, Selected topics of electronics

2- Zewail University: 2012-2019

- Spring 2018: Solid state Devices (NANENG-408),
- Fall 2017: Advanced Semiconductor devices (NANENG-520), Digital Logic Design (NANENG 308)
- Summer 2017: Solid state Devices (NANENG-408),
- Spring 2016: Electric Circuit (ENGR 207), Solid state Devices (NANENG-408)
- Fall 2016: Electronic circuit Design (NANENG 322), Computer Archt.
- Spring 2015: Digital Logic Design (NANENG 308)
- Fall 2015: Solid state Devices (NANENG-408), Physics of semiconductor devices (NANEG 305)
- Spring 2014: Digital Logic Design (NANENG 308)

3- British University in Egypt, 2009-2010)

- 2010-2012 - Computer Interfacing, Power Amplifier, Digital Logic Design, Analog Electronics,
- Measurements and Instrumentations

4- McMaster University, Canada, 2007-2009)

- 2007-2009 - Series classes on Nanoscale devices modeling, simulations and charcterizations

TEACHING INTERESTS _____

Lectures: Introduction to semiconductor devices, Physics of semiconductor devices, advanced semiconductor devices (nano-devices), Digital Logic design, Electronic Circuit design, Computer Architectures and computer Interfacing, Analog design, introduction to ICs design, Energy harvesting sources.