

Osama Abdallah Moh'd Nashwan

Personal Information

Nationality: Jordanian
Date of Birth: April 11, 1977
Place of Birth: Amman
Marital Status: Married / 5 kids

Educational Background

- 2004 **MSc.** in Electrical Engineering (Communications- Comprehensive Examination). University of Jordan. Amman-Jordan. Average (3.04 out of 4, very good)
- 2000 **BSc.** degree in Electrical Engineering/ Electronics & Communications. Applied Science University, Amman-Jordan. Average of 84.7% (excellent) graduating 1st in class of Electrical Engineering in the Bachelor program
- Summer 2000 In 5-Sep-2000 I became a Microsoft® Certified Professional (**MCP**), I have passed the exam (Designing and Implementing Desktop Application with Microsoft® Visual Basic® 6.0)

Qualifications & Experience

- Current Aug 30 2004 till now **Applied Science University**. Amman-Jordan. **Instructor** at Electrical Engineering Department

TEACHING EXPERIENCE

- Green Energy
- Power Systems Analysis
- Building Services (Lighting and Acoustics)
- Principle of Electronics
- Optical Communications
- Wireless and Mobile Communications
- Linear Algebra and Discrete Math.
- Analog Communications
- Information Theory & Coding
- Applied Probability Theory and Stochastic Processes.
- Electromagnetic II (Advanced Electromagnetic)
- Digital Signal Processing DSP
- Engineering Applications (MATLAB)

- Special Topics in Electrical Engineering (Wave Propagations)
- Communication Systems and Networking
- C++ Programming Language
- Advanced Programming Language (JAVA Language)
- Digital Logic Design
- Calculus II for Engineering
- Electrical Circuit Lab.
- Principle of Electronics Lab.
- Digital Logic Design Lab.
- Antenna and Microwave Engineering Lab.
- Communications lab.
- Digital Communication Lab
- Engineering Application Lab.

OTHER RESPONSIBILITIES

- Effective participation in advisory committees, design and selection of low voltage electrical systems inside and outside the Faculty of Engineering.
- Participating in preparing and establishing the power and control engineering specialization.
- Responsibility for the foundation of the new labs (ETAP, power Electronics and Drive). And updating the existed labs.
- Effective contribution in many technical and administrative committees inside and outside the department
- Head of Field Training committee, Applied Science University, Oct. 2004 - present
- Member of the organizing committee for the International Conference on Tele-computing and Information Technology ICTIT2004, Applied Science University. Sep 2004

2017-2019

Part-Time lecturer

University of Petra, College of Architecture & Design, Department of Architecture, teach

- Engineering Systems (2) Mechanical and Sanitary Systems

2012-2013

Teaching MATLAB Training Course at **A+ Academy**, Amman-Jordan

2000-2004

Applied Science University Laboratory Instructor and teaching assistant at Electrical Engineering Department

MAIN RESPONSIBILITIES

- Supervising and Teaching: Electronics, Communications, Digital Communications, Antennas & Microwave, Electrical Machines, Measurements, C++ programming language, and Electrical Circuits laboratories.
- Participating effectively in the foundation of the Antennas and Microwave Lab. That involved the installation and operation of the system, testing the systems performance, and preparation of the experiments manual.

- Implementation and administration of the computer networks at the department.
- Tutorial sessions in many basic subjects such as: Electric Circuits, Electronic, Electromagnetics, and Communications.

Fall 2002 Training Course in **Microwave and Antennas**. At Electron S.R.L company. Milan-Italy

Summer 1999 Trainee at Zain (Fastlink) Company, Engineering department (**GSM** system), **BSS** construction, maintenance, and expansion. Power calibration, **VSWR** measuring. **RF** optimization, planning and measuring using drive test, during the period 14th August until 7th October.

Summer 1998 Assembly Language course with practical applications (certificate from Studies & Consultations Center in the Applied Science University), during the period 9th to 30th September.

Languages

Arabic and good command in English, reading, writing, and listening

Computer Skills

Packages:

- MATLAB
- ETAP
- Revit MEP

Operating Systems:

- Very good Knowledge in many operating systems like Windows XP, and Windows 7 installing and maintenance
- Basic knowledge in Unix
- Administration and troubleshooting computer networks.
- Intranet Implementation

Programming:

- Object and function-oriented Programming experience in many languages and tools like Microsoft Visual basic, Java., Python, C++ Language and Assembly language.
- Excellent in Microsoft Office, Ability to use a lot of computer packages and ability to maintain any new Software

References

Upon request