

Assist. Lecturer Hiba Hussein Marza

Department of Computer Engineering

**Assistant Head of Computer Engineering
Department**

Email: hiba.hussein@alfarabiuc.edu.iq



Education:

MSc, University of AL-Nahrain, Year 19/4/2017

BSc, University of AL-Nahrain, Year 2011

Profile:

1. Data entry at Independent Electoral Commission in Iraq.
2. Training Course in GSM Mobile Systems. In Zain Company, Al-Mansour 14 Ramadan. From 1/7/2010 to 1/8/2010.
3. Lecturer at Al - Khwarizmi College of Engineering / department of information and communication engineering.
4. Lecturer at AL-Farabi college / department of computer engineering.
5. Cisco Certified Network Associate (CCNA) Exploration: Network Fundamentals
6. Programming Ability in JAVA, C++, MYSQL, HTML and PHP.
7. Designing of android Applications
8. Skills: Microsoft Word, Microsoft Power Point, Microsoft Excel, MATLAB, AUTOCAD, Cisco Packet Tracer.

Teaching

- 1. Fundamentals of Digital Systems in Department of computer Engineering/First stage.**

This Course Specification provides a concise summary of the main features of the course and the learning outcomes that a typical student might reasonably be expected to achieve and demonstrate if he/she takes full advantage of the learning opportunities that are provided.

2. Computer architecture II in Department of computer Engineering/Forth stage

This course provides an introduction of computer architecture II. We begin with a discussion of computer structure and the types of microprocessors. The CPU performance equation, Amdahl's Law and other speedup models, Parallelism, Pipelining, the types of Hazard, advanced pipeline, linear pipelines and branch effect on performance and so on.

Research Focus

- 1. Application programming**
- 2. Computer Networks**
- 3. Digital Communication**

- Graduation project, "Firewall Design and implementation", 2011.
- M.sc. Thesis, "Design and Implementation of WLAN Fingerprint Indoor Positioning System ", February, 2017.

Publications

- Paper, "Design and Implementation of an Android System for Indoor Positioning System Using WLAN Fingerprint Scheme", International Journal of Scientific Engineering and Technology (IJSET), 1 Jan 2017.