

Dr. Asmaa Jameel Al_Nawaiseh

○ Contact Information

- Faculty of Information Technology
 \ Software Engineering



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Education

- ◆ **Sep 1993 - Bachelor of Science: Computer Sciences**
Jul 1997 *Mu'tah University - Al_karak*

- ◆ **Feb 2002 - Master of Science: Management Information Systems**
Feb 2004 *Amman Arab University - Amman*

- ◆ **Oct 2016 – PhD: Information System (Software Quality Assurance) _ Courses and Thesis**
August 2021 *Helwan University - Cairo / Egypt.*



Work History

- ◆ **Jan 2015 - Full Time Instructor.**
Current *Mu'tah University, Mu'tah, Al_karak*
 - Kept students on task with proactive behavior modification and positive reinforcement strategies.
 - Evaluated and revised lesson plans and course content to facilitate and moderate classroom discussions and student-centered learning.
 - Prepare new plan and Classification mapping with CLOs for international accreditation (ABET) الاعتماد الدولي الابيت
 - Incorporated multiple types of teaching strategies into the classroom including brain stormy technics
 - Graded and evaluated student assignments, papers, and coursework on E_learning system.
 - Designed dynamic lesson plans based on student interests to increase average student GPA.
 - Experience in distance learning using online platforms (Teams ,Zooms, E_learning and YouTube Channel).

- ◆ **Nov 2011- Research Assistant and Teaching**
Nov 2014 *Mu'tah University, Mu'tah , Al_karak*
 - Planned, modified, and executed research techniques, procedures and tests.
 - Entered data into [Software], modelled results and generated reports.

- Assisted in graduated research of data processing operations for large survey research projects, to help graduated students to pass their final year.
- Teaching information system courses, computer languages, software engineering courses.

◆
Sep 2004 -
Sep 2009

Part time lecture.

Mu'tah University, Mu'tah, Al_karak

My work involves working with students in their different practical computer courses. Teaching computer science to 1st year to 4 and year.

- Monitored social media and online sources for industry trends.
- Teaching empirical courses.
- Resolved conflicts and negotiated mutually beneficial agreements between students.
- Developed team communications and information for teaching Group and problem-solving groups.

◆
Sep 2004 -
Mar 2006

Part-Time Teacher

The Arab Academy for Banking and Financial Science, Amman.

- Evaluated and revised lesson plans and course content to facilitate and moderate classroom discussions and student-centered learning.
- Reviewed curriculum and devised alternate approaches to presenting lessons to increase student understanding.
- Instructor as part-time to teach computer skills (one) and computer skills (two), Marketing, Management Information systems (MIS).
- Introduction to MIS.

My Courses:

• **Teaching Computer Science courses:**

1. Visual Basic.
2. C/C++ language,
3. Object Oriented with C++ & visual c++.
4. PHP language.
5. Selected Topics in Computer Science.

• **Teaching Information System & Business Intelligence.**

1. Management Information Systems (MIS).
2. Marketing (MIS students).
3. System Analysis, and Design (MIS Students).
4. Management Software Project.
5. System Programming (VB).
6. Strategic Technology (MIS Students)
7. Discrete Math for computing.
8. Introduction to Information Technology. (IT).
9. Human Computer Interaction. (HCI).
10. Decision Support System (DSS).
11. Programming of Ecommerce (IT & MIS)
12. Multimedia Systems.

• Software Engineering Course:

1. Principle of Software Engineering هندسة البرمجيات
2. Software Documentation. توثيق البرمجيات
3. Software Quality Assurance. ضبط جودة البرمجيات
4. Computer Ethics and Communication Skills. اخلاقيات الحاسوب.
5. Software Requirements. هندسة المتطلبات
6. Software Modeling. نمذجة البرمجيات
7. Software Architecture. معمارية البرمجيات.
8. Human Computer Interaction. (HCI). تفاعل الانسان والحاسوب
9. Management Software Project. ادارة المشروع البرمجي

Published Research

1. Security of Information Systems at Mu'tah University

Scientific Journal European Sep_2014, VOL.10, No.27, 15 pages

2. E-Learning Systems (Computerize Exam).

Scientific Journal European, Des_2015 , Vol.11.no 36, 20 pages

3. Evaluation of Commercial Off The Self Software (COTS).

Sci.Int.(Lahore), May 2017, VOL 29(3),587-598 ISSN 1013-5316 , 20 pages

4. Toward an Improved Performance Analysis Model Adapting the Capabilities of Routing Protocols in MANET.

International Research Journal of Innovations in Engineering and Technology, September 2019 , Volume 3, Issue 9, 16 pages

5. A new Quality Model for Academic Information Systems Case Study (E-learning System).

Journal of Scientific & Technology Research, Jan_2020, VOL 9_Issue 01, 12 pages.

6. Evaluating System Content's Quality in ELearning System By Using the Analytical Hierarchy Process (AHP) Approach

International Journal of Psychosocial Rehabilitation, VOL. 24, Issue 08, 2020

ISSN: 1475-7192

7. A Proposed Model Based On Cloud Computing Technology To Improve Higher Education Institutions Performance.

International Journal of Advanced Research in Engineering and Technology, Volume 11, Issue 9, September 2020, ISSN: 0976-6499.

8. Detecting Commonality And Variability In Use-Case Diagram Variants

Journal of Theoretical and Applied Information Technology, 28th February 2022. Vol.100. No 4.

9. Chapter of Book: The Effect of Information Technology on Business and Marketing Intelligence Systems.

Springer International Publishing. <https://doi.org/10.1007/978-3-031-12382-5> 20 Chapter Title: Evaluating Software Quality in E-Learning System by Using the Analytical Hierarchy Process (AHP) Approach, case study (Mu'tah university).

10. Evaluate Database Management System Quality by Analytic Hierarchy Process (AHP) and Simple Additive Weighting (SAW) Methodology.

MANDEL (Soft Computing Journal). Vol.28. No.2.2022

11. Investigating Students' Attitudes Toward Learning Based on Metaverse.

International Journal of Membrane Science and Technology, 2023, Vol. 10, No. 3, pp 136-148.

12. Receptivity Level of Faculty Members in Universities Using Digital Learning Tools: A UTAUT Perspective.

International Journal of Emerging Technologies in Learning, eISSN: 1863-0383 | Vol. 18 No. 13 (2023) | eISSN: 1863-0383 | Vol. 18 No. 13 (2023).

13. Increasing Health Awareness and Changing Consumer Behavior as Mediating Role in Promoting the Impact of Corona Pandemic Towards Use of E-Services.

Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055 Vol.45 No. 1 (2024).

14. Antecedents and Consequences of Digital Marketing in the Digital Era

Kurdish Studies Jan 2024 Volume: 12, No: 1, pp. 3609-3627 ISSN: 2051-4883 (Print) | ISSN 2051-4891 (Online)

15. Fuzzy Logic as Intelligence Tools in Testing Software Quality.

Tuijin Jishu/Journal of Propulsion Technology ISSN: 1001-4055 Vol. 45 No. 1 (2024).

16. Quick Hidden Layer Size Tuning in ELM for Classification Problems.

MENDEL (Vol. 30, No. 1, pp. 1-14, 2024, ISSN 1803-3814 (Print) -ISSN 2571-3701 (Online).

17. Acritical Review Of Software Quality Models In Academic Information System.

Journal of Theoretical and Applied Information Technology, 31th December 2024 -- Vol. 102. No. 24—2024.

Community Services



1. Workshop at Al-Mazar Youth Center entitled "Capacity Building and Cyber Security"

On 16 June 22, 2024/2023. ورشة في مركز شابات المزار.

2. Participation in School Conference (Digital Technology: Advantages and Warnings_Artificial intelligence) On 5 June 2024.

3. Workshop for Faculty Members entitled "Academic Professional Ethics." On 24-25 May 2023.



Oral Conferences:

1. Graduation Projects Conference for Jordanian University Students at Mu'tah University on 4/30/2018 (Referee).

2. The International Conference on Emerging trends in Computing and Engineering Applications, ETCA2022-23-25 November 2022, Mu'tah University –Dead Sea-Jordan (Reviewer).

3. The Eleventh Scientific Research Conference in Jordan, Al-Ahliyya Amman University, on 11/11/2023 (Presenter).

4. The Joint Scientific Conference of the Faculty and Communication – An Najah University and The School of Business - The University of Jordan on April 17-18 ,2024, "Unveiling the Dynamic of Business Intelligence: Definition, Components, Tools, and Data Mining" (Acceptance).



Workshops and Courses:

1. Participant in the Workshop for "Semester Graduation Projects", On 25\5\2019 (referee).

2. Participant in the course "Media and Information Literacy" On 3-7 \10\2021 التربية الاعلامية والمعلوماتية

3. Participant in the "How to Write Research or Thesis? ", The Arab-African Association in partnership with the University of Minnesota, 1-6 September 2020. (online workshop).

4. ICDL Course 28\12\2004.

5. TELP (Test of English Language Proficiency) on 2 July 2018 in Cairo.

6. **Adobe Primer** Certificate, on September 1996.
7. Participant in the Workshop for “**Using Artificial Intelligence Applications (ChatGpt) In Writing Scientific Research**”, 20 January 2023. (online)
8. Participant in American Accreditation Commission (**ABET**) **Workshop**, 22\10 \2019.

Reviewers' Committee

- Inter Journal of Computing and Digital System.
- The International Conference on Emerging trends in Computing and Engineering Applications, ETCA2022-23-25 November 2022 _ Mu'tah University –Dead Sea-Jordan.
- EAIT-D-24-02260 for Education and Information Technologies.

Committees

1. Equipment and Public Safety Committee. لجنة السلامة العامة
2. Social Committee. اللجنة الاجتماعية
3. Subject Equivalency Committee. معادلة المواد
4. Student Discipline Committee. مجلس ضبط الطلبة
5. Plan Preparation Committee. الخطة الدراسية
6. Quality Control and Development Committee . ضبط الجودة والتطوير
7. Secretary of the Department Council from 2018-2024 . امين سر مجلس القسم
8. American Accreditation Commission (ABET) Committee . لجنة الاعتماد الامريكي
9. Student Union Council Election Committee Member. عضو لجنة انتخاب مجلس اتحاد الطلبة

Skills

Teacher relations



Time-Control knowledge



ICDL Certificate.



Adobe Primer Certificate.



TOEFL Test Certificate.



Interactive platforms (Zoom, Teams).



Research Methods Certificate.



Digital Media Workshop.



Introduction to Payton language workshop.



