Curriculum Vitae

PERSONAL DETAILS

Name	Shuruq Yusuf Shawish
Marital Status	Married
Nationality	Jordanian
Term Address	School of Applied Technical Sciences German Jordanian University Amman 11180 Jordan
E-mail	Shorouq.shaweesh@gju.edu.jo
Alternative E-mail	shuruqshawish@gmail.com
Current Position	**Instructor at German Jordanian University** **Acting Dean Assistant for Industrial Relations**

EDUCATION

2009 - 2012

M.Sc. in Chemical Engineering (Thermodynamics)
The University of Jordan, Amman, Jordan. With a **GPA of 4.00 out of 4.00** equivalent to excellent.
Thesis title: *Influence of Cosolvents on the Solubility of Solid Solutes in Supercritical Carbon Dioxide*.

2003 – 2008

B.Sc. in Chemical Engineering
The University of Jordan, Amman, Jordan. With a **GPA of 3.91 out of 4.00** equivalent to excellent and ranked the first in class.
Thesis title: *The Production of Uranium Hexafluoride (UF_6) from Yellow Cake (U_3O_8)*

AWARDS AND SCHOLARSHIPS

- Award graduation projects for engineering students in Jordanian universities: First Prize.
- Full scholarship to study for a master's degree from the University of Jordan.
- Autodesk Certified Professional – AutoCAD 2018 exam.

WORK EXPERIENCE

Feb. 2022 – Present

Dean Assistant for Industrial Relations at School of Applied Technical Sciences, GJU.

Dec. 2017 - Present

Instructor at Mechanical Engineering Department, German Jordanian University.

Oct. 2016 – Dec. 2017	Full-time lecturer at Mechanical Engineering Department, German Jordanian University.
Feb. 2012 – Sep. 2016	Teaching Assistant with master's degree at Chemical Engineering Department, University of Jordan.
Jan. 2009 – Feb. 2012	Teaching Assistant at Chemical Engineering Department, University of Jordan.
Apr. 2008 – Dec. 2008	Trainee Engineer at Environmental Research Center, Royal Scientific Society, Amman - Jordan
June 2007 – Aug. 2007	Trainee at Industrial Chemistry Center, Royal Scientific Society, Amman - Jordan

COURSES DESCRIPTION:

I teach the following courses at German Jordanian University:

- **Computer Aided Engineering Drawing (ME0111, ME0111-DS).**
- **Thermodynamics (MECH0221).**
- **Thermofluids (MECH0223).**
- **Thermal Fluid Science (ENRE529)**
- **Spare Parts and Storage Management (TME351)**
- **Thermofluids Lab (MECH0321).**
- **Thermal Systems Lab I (MECH0342)**
- **Thermal Systems Lab II (MECH0542)**
- **Dual Study Practical Course (DS301)**
- **Graduation Projects I and II (TME591 and TME592)**

I taught the following courses at University of Jordan:

- **Computer Applications in Chemical Engineering.**
- **Chemical Engineering Principles (1).**
- **Chemical Engineering Principles (2).**
- **Principles in General Safety.**
- **Local Industries**
- **Chemical Engineering Laboratory (1).**
- **Chemical Engineering Laboratory (3).**
- **Chemical Engineering Laboratory (4).**

Also, I supervised and taught the following laboratories at the Mechanical Engineering Department, University of Jordan:

- System Dynamics and Control Laboratory.
- Thermodynamics Laboratory.
- Computer Programming for Engineers: MATLAB

CONFERENCES

- **Shuruq Shawish**, Rafat Al-Waked, "Enhancing the Drying Process of Coated Abrasives", 1st International Conference on Mechanical, Aeronautical, and Industrial Engineering Technologies (MechaniTek 2020), 16-18 June 2020 (Remotely), Irbid, Jordan.

- Al-Matar, A; **Shawish, Sh**, "Influence of Cosolvents on the Solubility of Cholesterol in Supercritical Carbon Dioxide", The Sixth Jordan International Chemical Engineering Conference, 12-14 March 2012, Amman, Jordan.

JOURNAL PUBLICATIONS

- Mariam Ibrahim; **Shuruq Shawish**; Sabri Aldroubi; Ali Dawoud; Walid Abdin. Airbag Protection and Alerting System for Elderly People. Applied Sciences 2023, 13, 9354.

- **Shawish, Shuruq**; Mostafa, Diala Bani; Al-Waked, Rafat; Nasif, Mohammad. CFD Simulation of Energy Transfer within a Membrane Heat Exchanger under Turbulent Flow. Jordan Journal of Mechanical and Industrial Engineering, 2023, 17(2), 139-154.

- Sameer Al-Dahidi, Salah Al-Nazer, Osama Ayadi, **Shuruq Shawish**, and Nahed Omran, Analysis of the Effects of Cell Temperature on the Predictability of the Solar Photovoltaic Power Production, International Journal of Energy Economics and Policy, 2020, 10(5), 208-219.

REFERENCES

- Prof. Ala'aldeen Al-Halhouli, Full Professor, School of Applied Technical Sciences, German Jordanian University, Madaba, Jordan. Phone: +9626 429 4444 extension 4500, email: alaaldeen.alhalhouli@gju.edu.jo.
- Dr. Ali Al-Matar, Associate Professor, Chemical Engineering Department, University of Jordan, Amman 11942, Jordan. Phone: +9626 535 5000 extension 22890, fax: +9626 530 08 13, email: aalmatar@ju.edu.jo.
- Dr. Musa Abdullah, Associate Professor, Mechanical Engineering Department, University of Jordan, Amman 11942, Jordan. Phone: +9626 535 5000 extension 22800, fax: +9626 530 08 13, email: m.abdalla@ju.edu.jo.