



Curriculum vitae Monther F. Al-Khawajah

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Personal Data

Place & Date of Birth: Nilin- Ramallah, 12th December 1967.

Civil Situation : Married.

Address : Ramallah – Palestine

Education

Name	Years attended		Degree	Date	Av.
	From	To			
A) University					
Eastern Mediterranean University	2008	2011	PHD in mechanical engineering (Renewable-Solar Energy)	2011	3.5/4
Eastern Mediterranean University	1993	1994	M.S in mechanical engineering (Thermal Fluid)	1994	3.4/4
Beirzeit University and Eastern Mediterranean University	1986	1993	B.S in mechanical engineering	1993	3.71/4
B) Secondary					
Al-hashimiya School	1984	1986	General Secondary Examination Certificate	1986	87.6/100

PHD education(thesis with courses)

Thesis Title: The effect of using transverse partitioning and reflection on single and counter flow solar air heater using wire mesh as an absorber

Master education(thesis with courses)

Thesis Title: Free convection heat transfer in u shaped thermo siphons

B.Sc. education (thesis with courses)

Thesis Title: Air conditioning

Work Experiences

<i>period</i>	<i>Location</i>	<i>Activity (ies)</i>
2011 up to now	Freelancer consultant	Freelance local Expert consultant
2008-2011	Eastern Mediterranean University / Cyprus	Continuing my PHD and teaching at EMU
2005-2007	Ministry of Education and Higher Education/ Palestine	Director of Technical and community colleges
2003 up to now	Development and Scientific Research Association (DASRA)	General director
1994-2002	Ort technical college In Jerusalem.	Part time lecturer and students projects adviser
2003-2005	Palestine Technical College for girls	Part time lecturer and students projects adviser
2001-2005	TVET center project (EU funded)	Expert consultant
1999-2000	Polytechnic University / Palestine	Part time lecturer and students projects adviser
1994-1999 2001-2005	Hebron and Derdebwan vocational school	Technical teacher
1993-194	Eastern Mediterranean University / Cyprus	Research assistant
1999-2001	Palestine Resources Ltd (the dealers of Land Rover and BMW cars)	After sales manager

Professional Experiences and activities related to teaching:

- **Universities** Palestine Polytechnic , Eastern Mediterranean, and Birzeit. lecturing the following courses
 1. Fluid mechanics
 2. Internal combustion engines
 3. Thermodynamics
 4. Renewable Energy
 5. Engineering drawing
 6. heat transfer
- **Technical Colleges:** Ort College in Jerusalem and Palestine Technical College in Ram Allah students projects adviser and lecturing the following courses
 1. Car mechanics
 2. Auto electricity and electronics
 3. fuel injection systems.
 4. Internal combustion engine
 5. Thermodynamics
 6. Machine elements design
 7. strength of materials
 8. materials science
- **Secondary Vocational Schools:** Hebron and Derdebwan Industrial School,
 1. Auto mechanics
 2. auto electricity and electronics

Professional Experiences, needs assessment study in different fields, and activities related to TVET sector:

More than 25 Years professional experience in TVET sector;

Administration, Planning, Project Design, Capacity Building, Teaching and Training, coupled with hands-on exposure and supervisory responsibilities, **ex.:**

1) Consulting and sharing long projects in the following categories:

- **local Expert consultant with GIZ in supporting to TVET DEVELOPMENT OPT Assisting and coaching of the LETC's/ LETC- Subcommittees to fulfill their tasks and the applicants to elaborate innovative proposals for a TVET development projects (training packages) in the targeted governorates. The Tasks and responsibilities was as following:**
 - Advice LET Councils/LET councils subcommittees and applicants/consortia partners on local level by identifying their needs for capacity development
 - Assist the applicants and their partners to develop the project concept notes and the comprehensive project document
 - Train the LET councils Subcommittees in evaluating the project concept notes and the entire project documents
 - Facilitate technical workshops and submit related reports in cooperation with Liason officers in the targeted areas
 - Deliver a training in specific subjects in case these are in line with the identified and approved needs of partners
 - Provide the coaching for the representative of LETC Subcommittees and project applicants in the targeted areas and the program office in Ramallah upon their identified needs.
 - Attending workshops/ meetings upon request of program coordinator

- **Local expert consultant with GIZ & EU in the following tasks and responsibilities**
 - Review lists of equipment and tools introduced by projects, evaluate them and make recommendations to the GIZ regarding the extent of needs, make suggestions and discuss it with institutions if needed
 - Provide the GIZ with final list of equipment and specifications in cooperation with the targeted
 - Arrange field visits to the targeted institutions to ensure the delivery of the training equipment's according the specifications
 - Train the staff in the best use of training equipment and tools
 - Assist the institutions in the selection of suitable teaching aids
 - Facilitate and participate actively in the expert and feedback workshops for analyzing the targeted profession in order to further develop the curricula needed
 - **Revise and update existing curricula and formulate the type and objectives of new needed curricula**
 - **Provide the Giz with the list of needed training modules and the related module structure**
 - **Prepare training/teaching plans in cooperation with the partner institutions for the targeted profession**
 - Develop a manual for trainers and provide advice of the suitable means to deliver the training (ToT)
 - Assist the institutions in selection of training and reference materials
 - Provide MoE with reference learning materials for implementing the Tawjihi exam before August 2013
 - Provide GIZ with monthly progress reports with all related documents
 - **Develop the final shape/format of the modules for curriculum developer**
 - **Facilitate awareness raising workshops on the complex task approach for curricula development in Hebron, Bethlehem and Nablus in cooperation with the project partners**
 - **Re -Facilitate Expert Worker WS and Validation WS based on the need and request of the partner (private sector and Training provider)**
 - **Train and coach multipliers for facilitating Expert Worker WS, Validation WS and WSs for Learning Situation development**
 - **Train and coach new staff and multipliers for developing Learning Situation**

- **An expert consultant in the needs assessment study in the field of development of CoCs implemented by Joint SDC and GIZ Programme: Promotion of Youth Employability in Palestinian Territories in the following tasks and responsibilities:**
 - Consulting the COCs (RPTC, HMPC, APTC and KPTC) in conducting all expert workers workshops and validation for film making, sewing & fashion design, food processing, Hvac and in the sectors of automotive technology
 - Consult in the assessment of the equipment related to previous mentioned occupations
 - Ensuring that the formal requirements for procurement are fulfilled to proceed the tender
 - Ensuring the delivered training equipment according to the specifications
 - Supervising the finalization of the development of learning situations for Khadouri PTC, Ramallah PTC, Al Arroub PTC, Halhul MPC
 - Supporting pedagogical coaching and implementation of learning situations
 - Assisting the CoCs with the evaluation of implemented learning situations
 - Supporting the institutionalization of the new curriculum development approach including feedback loop to the private sector
 - Develop the final shape/format of the modules for curriculum developer
 - Facilitate awareness raising workshops on the complex task approach for curricula development in Hebron, Bethlehem and Nablus in cooperation with the project partners
 - Re -Facilitate Expert Worker WS and Validation WS based on the need and request of the partner (private sector and Training provider)
 - Train and coach multipliers for facilitating Expert Worker WS, Validation WS and WSs for Learning Situation development
 - Train and coach new staff and multipliers for developing Learning Situation
- **Consulting a project in Halhoul (HMPC) funded by EU in the following needs assessment issues**
 - Consult in designing the plans & Sketches of needed spaces and facilities for the automotive workshop, laps and the production unit
 - Needed equipment's and furniture specifications
 - Studying International tenders
- Consulting a project for Hisham Hijawee in developing the courses and the curriculum of automotive and preparing all specifications needed for the workshop and laps

2) Consulting and sharing projects in the following categories:

- Evaluating consultant of the (TOT) training of trainers program sponsored by GTZ
- Labor market driven training consultant for Abo Jihad technical college
- Designing a curriculum for fuel injection training program offered by GTZ.
- A leader of the authorship supervisory committee and curriculum team in car mechanics in the ministry of education for levels 11 and 12
- One of the members in the target project of the modular system curriculum in Mechatronics (EU project) for level 3 and 4
- A project contractor of Developing 24 training programs for non formal education (NFE) in modular system for GTZ
- Evaluating some developed curricula by BTC project
- Giving Tens of Technical training courses for trainees and trainers.
- Giving a training course in modular system curriculum for colleges and schools staff funded by Italian project
- The world vision project for developing the session related to analyzing the rules, policies and the national plans deal with Gender-Base Violence, Principles of woman rights and the relevant Palestinian system of laws.
- Evaluation study for the developed curricula in car mechanics, auto electricity and car mechatronics and its relevancy to the labor market needs for the ministry of education
- Trace study for the graduates students on level 3 in the TVET system for the ministry of education

3) Consulting and sharing project with QIF for Hisham Hijjawi in the needs assessment of developing the mechatronics program (competency-based- complex task approach)

- Design and implement proper methodology to conduct this assignment.
- Review the needs assessment report and confirm the courses to be upgraded.
- Conducting brainstorming workshop with the academic and technical staff to discuss and define the skills and the components of the training area, needed actions to improve the course content, procedure, tasks and course outcomes.
- Identify areas of interventions and needed actions to improve the course content, procedure, tasks, assessment schemes, Project selection criteria, and course outcomes.
- Redesign the selected courses outlines with full description.
- Define new trends and assessments techniques to be integrated into the courses.

- Designing Teaching and learning Modules (Intended Learning Outcomes, Power Point, Activity Sheets and Workshop reading.
- Conducting Technical Training for teachers and partners Staff including prior and post evaluation to measure the percentage of benefits among the trainees, considering the staff capability building Plan.
- Responsible of modifying the developed courses after being tested based on students' and staff feedback.
- Review and give recommendation on the list of equipment specified in the Needs Assessment Report.

4) Labor market activities:

- Establishment consultant of Renault service center for Palestine Recourses Company
- Being after sales manager for BMW and Land Rover agency in Palestine
- Managing my own company called Al- Ribat Mechanical Company with twelve employees in Ram Allah- Importing car spare parts and making maintenance
- Establishing and Running Dar Elmarefah for educational services ,TVET and education consultancy and translation
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5) Assessment member in different areas as following for accreditations and quality Assurance institute in Palestine

- New established colleges
- New programs
- Existing programs

6) Assessment member in assisting and evaluating the SDC and EU projects

7) Assessment, Evaluation and planning field:

- Designing Instructions for Community Colleges Examinations with the cooperation of examination director.
- Implementing stages for Community Colleges Exam.
- Studying results and making conclusions.
- A team leader of updating all the colleges regulations,
- Discussing and accrediting the five years development plan of the governmental colleges
- Direct and plan for the colleges in Palestine (UNURWA, public, private, and governmental) (2007-20120)

Taken Training Courses

- Different Management courses given by Land Rover and Renault companies in Dubai
- Modular Curriculum Development training program sponsored by the Italian Ministry of Foreign Affair.
- A training course in modular system for technical and vocational education given by the University House for Consultation and studies in Jordan.
- Tens of technical and educational courses and conferences.

Publications and researches

- M.F AL-khawajah and A. A. Mohamad, 1995, "Experimental Investigation of Natural Convection in U-Shaped Thermosyphon," 30th National Heat Transfer Conf., Aug. 5-8, Portland, Oregon.
- L.B.Y Aldabbagha, Fuat Egelioglu and M.F.AL-Khawajah 7th International Conference on Heat Transfer, Fluid Mechanics and Thermodynamics, 19-21 HEFAT2010

- Al-khawajah M.F., Aldabbagh, L.B.Y., Egelioglu, F.2011. The effect of using transverse fins on double pass flow solar air heater using wire mesh as an absorber. Solar Energy 70, 71-76
- Conference paper in Palestine ----to be added
- El-Khawajah, M.F., Egelioglu, F., Ghazal, M. 2015 , "Finned single-pass solar air heaters with wire mesh as an absorber plate" . International Journal of Green Energy
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- An author member in different vocational textbooks for the general directorate of the curriculum in Palestine
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- A researcher member in the Solar Energy center of Cyprus

Languages

- English: Good in writing, reading and conversation.
- Arabic: native language

Self Qualifications.

I have motivation to work in different conditions, with teams, under pressure for long time.