




# Manar Ammar Sadeq Hijaz

## Sustainable Energy Engineer

### Contact

 Anabta, Tulkarm, Palestine

 0597552404

 Manar Hijaz

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### Professional Skills

- Communication Skills
- Self-Learning
- Creativity
- Good presenter
- Hardworking person

### Technical Skills

#### Proficient in working on :

- AutoCAD.
- PVsyst.
- SketchUp.
- ETAP.
- Microsoft Office (Word, Excel, PowerPoint).
- Multisim.
- Psim.
- DIALux (for lighting).
- Scada systems & PLC programs.
- PIC C compiler.
- Proteus 8 Professional.
- Arduino IDE.

### Education

2019-2024

**Palestine Technical University-  
Kadoorie, Tulkarm.**

GPA : 91.5%

2014-2019

**Anabta Secondary Girls School,  
Anabta, Tulkarm.**

GPA : 94.9%

### Training Experience

#### MASADER

##### Sustainable Energy Engineer

- During the training, I learned how to design solar energy systems and learned about the laws of installation and design.
- We designed a cell system for the Samiha Khalil School in Ramallah on PVSyst, AutoCAD, and Sketch Up.

#### NEDCO, North Electricity Distribution Company

##### Electrical Engineer

- The training was divided into several sections regarding electrical lines, starting with High Voltage to Medium and then to Low.
- I initially learned in the Meters Department, then Ground and Aerial cables, External and Internal Stations, then Connection Switches and Power Stations.
- I dealt with the transactions for renewing home subscriptions, electricity delivery strategies, and the mechanism for choosing appropriate connection locations and safeties.

### Courses

- **Design and Analysis of Power Distribution Systems Using ETAP Software, 50h, Tulkarm Chamber of Commerce, Industry and Agriculture.**
- **Certified Photovoltaic Projects Design and Simulation Using PVsyst, Sketch Up & AutoCAD, 35h, AEE Palestine Chapter.**
- **Circuit Breaker Selection, 15h, IEEE PES Jordan Chapter.**

#### References :

Dr. Mahmoud Ismail, dean of the college, PTUK University, Tulkarm. Email : m.ismail@ptuk.edu.ps

Dr. Nabeel Al Tanneh, PTUK University, Tulkarm. Email : n.tannih@ptuk.edu.ps