

Education

NCT UNIVERSITY

Petroleum Petroleum
Technologist

☐ 2024 ☐ Cairo, Egypt

Links

☐ Mill [Omar Radwan](#)
☐ LinkedIn [Radwan](#)

OIL & GAS COURSES

1. QUALITY CONTROL, CORROSION AND HYDROCARBON ANALYSES.
2. TECHNOLOGY OF OIL AND GAS PLANTS OPERATION, AND CONTROL.
3. TECHNOLOGY OF NATURAL GAS PROCESSING AND COMPRESSION.
4. TECHNOLOGY OF OFFSHORE AND SUBSEA OPERATION.
5. WATER INJECTION PRINCIPLES, OPERATION AND TREATMENT.
6. OIL STORAGE TANKS, PIPELINES AND VALVES.
7. OIL AND GAS WELLS PRODUCTION OPERATION AND WELL TESTING.
8. • ARTIFICIAL LIFT SYSTEMS AND SURFACE PUMPS.
9. • BASICS OF PREVENTIVE AND PREDICTIVE MAINTENANCE.

QUALIFICATION SKILLS AND DRILLING COURSES

Managed Pressure Drilling

Workshop from SPE Egypt Section.

Well Completion & Work Over

Course from SPE Al-Azhar Section.

Well Control Level 2 Course

Cement Evaluation the Basics and Beyond Course.

Directional Drilling Technology

Session Course from SPE Al-Azhar Section.

Experience

Internships Experience

☒ August 2024

- Royal wells alliance Company (Drilling)
- Petrogas (Factory Operations)
- PetroGulf Company (Field Operations).
- Midco Oilfield services.
- Triple L Oil Services (Drilling).
- NAPESCO (Drilling).
- Managed CImachines, streamlining deployment and testing
- Axiom Egypt Oil Service Company (Office).
- Petrogas (Factory Operations)

Safety Courses

- Basic Health And Safety Environment.
- Health, safety and Environment Surface Production Operation
- Safety in Process.
- Process Safety & Environment Production.

Skills

PROGRAMMING

- Java script • HTML
- • Fusion 360
- CSS
- SOLIDWORKS

Recent Projects

1. Sucker Rod Pump

mechanical lift system that uses a series of connected rods to transmit the up-and-down motion from a surface pump jack to a downhole pump, lifting fluid from the well.

2. Centrifugal Pump

It operates by converting rotational kinetic energy, typically from a motor, into hydrodynamic energy, forcing fluid to move through the pump and out at high pressure.

3. Progressive Cavity Pump (PCP)

uses a rotating helical rotor inside a stator to push fluids through the pump, commonly used for handling viscous fluids or slurry.