

# RENEWABLE ENERGY (NON CREDIT)

---

## CERTIFICATE OF COMPLETION

This entry-level noncredit program provides a general understanding of how to start your career in the emerging and in-demand field of renewable energy and be at the forefront of entry innovation. This certification is a comprehensive guide to designing, installing, and evaluating residential and commercial photovoltaic (PV) systems, preparing students for employment in the emerging industry of sustainable energy technologies.

## Program Students Learning Outcomes:

- Describe the basic element of green construction and green energy buildings.
- Explain residential and commercial photo-voltaic system terminology and installation techniques.
- Perform the assembly of solar panels.
- Differentiate between the approaches and methodologies for sizing different types of (PV) systems.
- Identify the common issues addressed in interconnection agreements for (PV) systems.

## Program Requirements

Code Number	Course Title	Units
<b>Required Courses</b>		
AED 90.08	Solar Energy (80 hours)	0.0
AED 90.09	Solar Panel Installation (90 hours)	0.0
Total Hours of Completion (170 Hours)		

## Recommended Elective

Code Number	Course Title	Units
AED 90.05	OSHA-10 Training (16 hours)	0.0