

## Certificate of Achievement

in

## Construction Electricity

### MATRIX

#### Program Learning Outcomes (PLO)

On the program completion, the successful graduate will be able to:

1. Practice safety and occupational health procedures in the workplace.
2. Use electricity hand and power tools competently.
3. Test electrical equipment.
4. Interpret schematic wiring diagram and waveforms
5. Determine the amount of load per circuit.
6. Install residential wiring circuits according to given specification and plan.

Course Name	PLO 1	PLO 2	PLO 3	PLO 4	PLO 5	PLO 6
VEM 102 Electrical Drawing & Sketching				I,D,M		
VEM 103 Basic Electricity I	I,D	I,D	I,D,M	I,D,M	D,M	
VEM 104 Basic Electricity II	I,D	I,D	I,D,M	I,D,M	D,M	
VEM 110 Workshop Fabrication	I,D	I,D	D,M	I,D		D,M
VEM 111 Electrical Wiring I	I,D		D,M		I,D,M	
VEM 112 Electrical II	I,D	I,D,M	D,M	I,D,M		D,M
VSP 121 Industrial Safety	I,D	I,D,M	D,M			

**I - Introduced**

**D – Demonstrated**

**M – Mastery at a level appropriate for graduation**