

# Director of Employment & Training

Course :- Battery Maintainance & Charging

Duration :- 2 Weeks (33 Hours)

Daily Hours :- 3 Hours

Practical :- 2:30 Hours

Theory :- 30 Minutes

**Syllabus:- Battery maintenance and charging**

Week No	Practical	Theory
1	Battery checking and maintenance Battery electrolyte level checking and their gravity check with hydrometer, Cell voltage check with meter, Battery terminal cleaning and servicing.	Automotive battery-lead acid battery their function, description, construction. Battery troubleshooting.
2	Battery charging practice. Battery connect with charger and set perfect voltage and current capacity. Charging period setting	Requirement of battery charging, Battery charging practice and their precautions.

**Machinery:-** Lead acid battery- 12Volt, 15 plates  
Battery charger.

**Tools:-** Hydrometer, Multimeter, Pliers  
150mm, D.E. Spanner-10-11, 12- 13, 14-15,  
16-17mm  
Screw driver 200X10mm

**Material:-** Battery cable, Various types of cable lugs, Petroleum jelly, electrolyte 1.200 gravity, Distilled water