

# Director of Employment & Training

Course :- Repairing of House hold appliances  
Duration :- 4 Weeks (66 Hours)  
Daily Hours :- 3 Hours  
Practical :- 2:30 Hours  
Theory :- 30 Minutes

## Syllabus for repairing of House hold appliances

Duration:- 4 weeks

5 Hours per day

Sr NO	Week No	Related Theory	SrNo	Detail Of Practical
1	1	Safety and its rules	1	Study of different types of fire fighting/ extinguishing equipments such as CO <sub>2</sub> , CTC etc.
2	1	Study of different types of hand tools	2	Spacification and use of different electrician hand tools.
3	2	Study of different parts of a tube light.	3	Testing and specification of different parts of a tube light.
4	2	Trouble and trouble shooting mathod in a tube light circuit.	4	Fault identification and repairing technic of a given tube light.
5	2	Study of different parts of an electrical iron both manual and automatic	5	Testing and specification of different parts of manual and automatic electric iron
6	2	trouble and trouble shooting mathod in manual and automatic electric press iron	6	Fault identification and repairing technic of a given manual and automatic electric press iron
7	3	Study of different parts of a fan	7	Testing and spacification of different parts of a fan.
8	3	Trouble and troubleshooting mathod in a fan	8	Fault identification and repairing technic of a given fan.
9	3	Trouble and troubleshooting mathod in a Mixture	9	Fault identification and repairing technic of a given Mixture.
10	4	Study of different parts of a Washing Machine	10	Testing and spacification of different parts of a Washing Machine
11	4	Trouble and troubleshooting mathod in a Washing Machine	11	Fault identification and repairing technic of a given Washing Machine.
12	4	Study of different parts of a Electrical incubator	12	Testing and spacification of different parts of a Electrical incubator.
13	4	Trouble and troubleshooting mathod in a Electrical incubator.	13	Fault identification and repairing technic of a given Electrical Incubator.

### List of hand tools

- 1 Combination plier-150mm - as required
- 2 Combination plier-200mm - as required
- 3 Screw Driver Set- As Required
- 4 Neon Tester- 500V- As Required
- 5 Side Cutting Plier 150mm- As Required
- 6 Series Parallel Testing Board-1 nos
- 7 allen key set- 1mm to 10mm
- 8 Spanner set 1nos
- 9 Four Jaw Screw Driver -As Required
- 10 Long nose plier- As Required

### List of Equipments

- 1 Ampere Meter 0 to 5amp (A.C.) 1 no
- 2 Volt meter 0 to 500V(A.C.) 1 no
- 3 Digital multimeter 1no
- 4 Clipper meter 1no
- 5 Wattmeter 0 to 1KW- 1 no

### List of Machinery

- 1 Fluorescent Tube light (Complete) - As Required
- 2 Ceiling fan -As Required
- 3 Table fan- As Required
- 4 Mixture/ Grinder- As Required
- 5 Manual and automatic electric press iron- As Required
- 6 Washing Machine- As Required
- 7 Electric incubator-500W 250V- As Required
- 8 Electric Blender -As Required
- 9 Wet Grider- As Required

### List of Material

- 1 1.5mm Square copper wire as required
- 2 2.5mm Square Copper wire- As Required
- 3 Winding wire of different swg- As Required
- 4 1 way switch 5 amp 250V- As Required
- 5 Different accessories of tube light circuit