

Director of Employment & Training

Course :- Cycle Repairer & Tyre Puncture repair

Duration :- 3 Weeks (51 Hours)

Daily Hours :- 3 Hours

Practical :- 2:30 Hours

Theory :- 30 Minutes

Syllabus:- Cycle repairing and tyre puncture repair

Week No	Practical	Theory
1	Steering servicing and overhauling Steel ball, Steering hubset, fork. Front and rear wheel and rim servicing and overhauling. Front and rear axle, bearing, wheel rim, spoke through and replace.	History of cycle. Types of cycle and their steering system. Road wheel, Types of axle, bearing, wheel spoke and its free movement.
2	Front and rear brake servicing and setting Mechanical brake and brake rubber pad replacement. Chain and chain drive overhauling and setting. Bottom axle servicing, Big drive gear and free wheel driven gear setting	Requirement of brake, various types of brake system and their setting. Study of drive mechanism, Chain and drive and driven gear.
3	Cycle Accessories and seat fitting and their setting practice Rear carrier, Steering carrier, bell, Side guard, parking main stand, Side stand and both paddle fitting. Tyre tube puncture and tyre replace practice. Set proper air pressure in the tube and check.	Cycle accessories their types and uses. Various types of tyre and tube.

Machinery:- Cycle, Air compressor electrical type.

Tools:- D.E. Spanner set of 6 to 32mm, Ring spanner set fo 6 to 32mm, Combination plier 15cm, Adjustable Spanner, Rough file 250mm, Screw driver 200X10mm, Air pressure gauge, Puncture repair tool kit, Hot Patch clamp(Puncture repair M/c), Chiesel 20mm, Center punch 10cm, Hack saw frame, Ball pein hammer 500gm, Rasp file 250mm, Nose plier, Screw driver 150mm, Spoke through spanner, oil can.

Materials:- Engine oil, Grease(mp tip), Puncture repair sticker, puncture roll,Puncture tube(omni)