



# TRAINING SCHEDULE FOR TIMEBASED APPRENTICES

## VEHICLE BODY BUILDER

Introduction to the Industry:	Responsibilities, appearance and attitude in work situation.	28
Safety:	Basic safety precautions applicable in the trade to be practised throughout apprenticeship, with special reference to safe handling and care of hand tools, noxious and flammable gases, liquids and gases under pressure, electrical installations, machine protection, machine and pneumatic tools, grinding wheels, moving and overhead machinery and use of portable fire extinguishers. Theory and practice of first aid.	50
Knowledge of: Hand and workshop tools:	Care and use of tools. Making of work pieces and/or parts using the techniques of chipping, drilling, filing, reaming, sawing, scraping, screwing and tapping. Sharpening of cutting tools. Use of pullers and presses. Dressing, trueing, checking and mounting of wheels on grinding machine. Use of securing, locking and sealing devices.	100
Knowledge of materials:	Knowledge of materials used for the manufacture and repair of steel and composite motor vehicle bodies. Knowledge and use of power and hand operated machinery. Reactions of different metals to working by machines and bending allowances and clearances necessary for the machining of different gauges of metal.	80
Body building:	Dressing of metal. Rivetting and making joints. Assembly of bodies. Reading drawings, specifications and material lists. Marking out for repair and manufacture. Electric and gas welding. Practical marking out. Fabrication of metal parts by hand and machine. Inside finishing of bodies. General body building and repairs, including all welding processes and special procedures for working metal applicable to the trade such as joining of panels, grinding and/or filling and/or wiping of such joints. Techniques of corrosion protection and protection of automotive and electrical components.	812

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