**REDESIGNED MODULES FOR THE SECTOR**

**OF**

**AUTOMOBILE**

**UNDER**

**MODULAR EMPLOYABLE SKILLS (MES)**

**Redesigned in - 2014**

**By**

Government of India

Directorate General of Employment & Training

Ministry of Labour & Employment (DGE&T)

**DRIVER CUM MECHANIC (AUR703)**

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| **ENERAL INFORMATION FOR DRIVER CUM MECHANIC** Name of Sector  | **AUTOMOBILE**  |
| Name of Module  | **DRIVER CUM MECHANIC**  |
| MES Code  | **AUR703**  |
| Competency as per **N C O Code**  |
| Duration of Course  | **600 Hrs**  |
| Entry Qualification of Trainee  | Minimum 8th Std., 14 years of Age  |
| Unit size (No. of Trainees)  | 20  |
| Power Norms  | 6 KW - (a) Class Room: 1 KW (b) Workshop: 5 KW  |
| Space Norms(Workshop and Class Room)  | 210 sq. m - (a) Class Room: 30 Sq. meter @ 1.5 sq. meter per trainee (b) Workshop: 120 sq. meter + 60 sq. meter (parking area)  |
| Job Profile  | Driver/Service Mechanic/ Motor Mechanic Helper/ Garage Boy  |
| Objective  | 1. Produce Service Mechanic/ Motor Mechanic Helper/ Garage Boy in automotive workshop by pinning with following Employability skills: (i) Safety awareness about work safety, tools, Equipments & Machinery safety, Personal safety and Environmental safety. (ii) Quality awareness. (iii) Basic skills of fitting and sheet metal work. (iv) Skills to do general servicing and maintenance of Wheelers. (v) Skills to do minor repair works in 4 wheelers. 2. Self Employment in the areas of Vehicle washing, Tyre Repair, Wheel Alignment and Wheel Balancing.  |
| Terminal competency  | 1. Safe practice on Work  |
| 2. First Aid 3. Handling of General Tools, Special tools, equipments and Machineries available in the Automobile Garage 4. Implementation of Quality tools on work 5. Basic fitting works such as marking, Punching, Hack sawing, Filing, Drilling, tapping, Reaming, and Measuring 6. Basic sheet metal works and welding such as Flattening, Cutting, Bending, Folding ,Soldering, Brazing 7. General Servicing, minor repair works and maintenance of Four wheelers 8. Tyre repair work 9. Wheel Alignment & wheel balancing of a vehicle.  |
| Instructor Qualification  | Degree in Automobile/ Mechanical Engg. With one year relevant experience **OR** Diploma in Automobile/ Mechanical Engg. With two year relevant experience **OR** NTC/NAC in Automobile trade group with three years of relevant experience  |
| Desirable Qualification  | Craft Instructor Certificate(CIC)  |
| **Course Contents for Module Driver cum Mechanic (AUR703) Practical Competencies**  | **Underpinning Knowledge (Theory)**  |
| **SAFETY:** Safety attitude develop by using of Personal Protective Equipments (PPE). First-Aid methods Use of fire extinguishers. Safe disposal of used oil and Battery. Quality concept developing by applying quality tools. Soft skills practices. Safety Precautions while handling Tools, equipment and machinery. Familiarization with the name and location of different assemblies of motor vehicles. **NOTE:**  | General health & Safety precautions to be observed in the workshop / garage, Personal protective equipments, first aid, signs for Danger, Warning. Environmental safety - safe disposal of waste oil and Battery Concept of Quality. Over view on **5S** technique. Care and maintenance of tools & equipment. Motor Vehicle Act, Important definitions and salient features of motor vehicle Act. Important provision of motor vehicle Act section 122,123,125,126,128,131,134,136 & 139. Legal awareness. Vehicle registration and insurance of motor vehicle. Environmental Education (pollution etc.). Qualities required for a good driver. Responsibilities of a driver. Learner’s license and its particulars, Driving  |
| **IT IS TRAINEES RESPONSIBILITY TO APPLY FOR LEARNER LICENSE TO THEIR RESPECTIVE LOCAL RTO.**  | license particulars and its renewal. Fire precautions. Importance of wearing seat belts. Vehicle specification. Vehicle controls-Foot control, Hand control and other controls. Necessities of different assemblies of all (types) motor vehicles.  |