

## VOC 103 Auto Service Technician (Theory)

(2 Credits: 50 Marks)

### Course Outcomes:

On completion of the course, students will be able to -

CO1	Assist senior technician in diagnosing faults in a given motor vehicle
CO2	Perform servicing and minor repairs of a given motor vehicle
CO3	Plan and organize work to meet expected outcomes
CO4	Perform effectively in teams
CO5	Maintain healthy, safe and secure working environment
CO6	Prepare report

### Module I: Introduction to Automobile Industry (8 Hours)

Qualifications Pack -Occupational Standards for Automobile Industry by Automotive Skill Development Council (Auto service Technician Corresponding ASC/N 0003)

### Module II: Functioning of various components and aggregates of the vehicle (6 Hours)

Qualifications Pack -Occupational Standards for Automobile Industry by Automotive Skill Development Council (Auto service Technician Corresponding ASC/N 1402)

### Module III: Assessing service and repair requirements (6 Hours)

Qualifications Pack -Occupational Standards for Automobile Industry by Automotive Skill Development Council (Auto service Technician Corresponding ASC/N 1402)

### Module IV: Interaction with Co-workers and Colleagues (6 Hours)

Qualifications Pack -Occupational Standards for Automobile Industry by Automotive Skill Development Council (Auto service Technician Corresponding ASC/N 0002)

### Module V: Tutorials, assignments and presentation based on Module I to IV (4 Hours)

### References:

- 1)Automotive Mechanics: William H. Crouse. Donald L. Anglin: Tata McGraw Hill 10th edition.
- 2) Automotive Electrical Equipment: P L Kolhi: Tata McGraw Hill.
- 3) Basic Automobile Engineering: C P Nakara: Dhanpatrai publication.