

## LEVEL VI TRAINING

6017-AUTOMOBILE TRAINING – I									
Training Scheme		Progressive Assessment	Examination Schedule (Marks)						
Training	Credits		Report		Seminar/Oral		Total		
24 W	30	100	100		100		300		
Pre-requisite	Source	Semester	Theory	Test	Total	TW	PR	Gr Total	
50 Cr	AUT		—	—	—	200	100	300	

**Rationale:** During the course of Industrial training a student will get an opportunity to familiarise himself with the Industrial environment and work culture and also to understand and appreciate the organisational structure, management systems and roles of different departments of the organisation. It would enable him to identify the various components, tools, machines, equipment and instruments used in the automobile industry, and also to understand the various method, processes and systems of maintenance. This phase of training would also enable him to assimilate more effectively the theory taught to him on his return to the Institute for the subsequent instructional terms.

### COURSE CONTENTS

**Students are expected to perform at least four of the following jobs/assignments/ activities during the training period.**

1. Assembly & dismantling of Engine
2. Assembly & dismantling of Gear box/Transmission.
3. Assembly & dismantling of clutch assembly.
4. Assembly & dismantling of Engine Differential/drive line.
5. Assembly & dismantling of Suspension system.
6. Tune-up of Engine.
7. Maintenance & repair of Braking system.
8. Maintenance & repair of suspension system.
9. Maintenance & repair of Electronic/Electrical systems.
10. Maintenance & repair of Cooling system.
11. Maintenance & repair of hydraulic/pneumatic systems.
12. Body Engineering aspects of Denting/sheet metal work.
13. Body Engineering aspects of Painting.
14. Body Engineering aspects of Corrosion prevention.
15. Body Engineering aspects of Chassis Lubrication.

#### REPORT:

Every student undergoing Inplant training is expected to maintain a “daily diary” in the prescribed booklet supplied to them, giving a brief account of the various activities undertaken during the day for the entire period of training. The entries should be authenticated/validated on a regular basis by the supervising authority at the place of work.

6018-AUTOMOBILE TRAINING -II															
Training Scheme		Progressive Assessment	Examination Schedule (Marks)												
Training	Credits		Report				Seminar/Oral				Total				
24 W	30	100	100				100				300				
Pre-requisite	Source	USERS	1	2	3	4	5	6	7	10	11	12	13	14	
80 Cr			15	16	20	21	22	24	28	29	34	35	36		

#### INFORMATION NOT RECEIVED

COURSE CONTENTS															Hrs	Mks
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1.

2.

3.

4.

5.

Total

#### REFERENCE BOOKS:

