

ANNEXURE - C

SPECIAL DRIVING TRAINING COURSE FOR COMMERCIAL VEHICLE DRIVER

LESSON PLANS

**(Formulated as per National Skill Development Corporation,
Commercial Vehicle Driver ASC/Q9703, NSQF Level-IV standards)**

(Applicable to TNSDC)

Prepared by

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**CURRICULUM / SYLLABUS
(ASDC)**

COMMERCIAL VEHICLE DRIVER

COURSE DURATION : 65 DAYS

Sl. No.	Subject	Theory Hours	Practical Hours
1	Introduction	10	0
2	Co-ordinate with Depot	30	60
3	Vehicle Road worthiness	30	60
4	Driving	30	60
5	Work Effectiveness	30	30
6	Healthy & Safe working environment (Accident free)	30	30
7	Vehicle Mechanism Practical	0	120
	TOTAL	160	360

COURSE DURATION: 65 DAYS

LESSON PLANS

A. THEORY LESSONS

DURATION

I.	Traffic Education	-	26 Hours
II.	Driving Theory	-	18 “
III.	Vehicle Mechanism Theory	-	50 “
IV.	Public Relations	-	09 “
V.	First Aid & Safety	-	09 “
VI.	Human Relations	-	09 “
VII.	Computer Basics & Communication Skills	-	26 “
VIII.	Theory and Practical Examination Theory and Practical	-	13 “
Total		:	160 Hours

B. DRIVING PRACTICE:

I (A)	Basic Exercises (Driving Range)	-	9 Hours
(B)	Skill Exercises (Driving Range)	-	9 “
II.	Rural & Highway Roads Practice(Actual)-	-	18 “
III.	City Driving Practice (Actual)	-	18 “
Total		:	54 Hours

C. DRIVING PRACTICE OBSERVATION: - 186 Hours

D. VEHICLE MECHANISM PRACTICAL: - 120 Hours

Grand Total - 520 Hours

(I) TRAFFIC EDUCATION

Duration: 26 Hours

<u>LESSON</u>		<u>TIME</u>
1. Motor Vehicles Act	-	2 Hour
2. Definitions	-	1 Hour
3. Licensing Procedure	-	2 Hours
4. Driving	-	2 Hours
5. Control of Traffic	-	2 Hours
6. Speed Limits	-	1 Hour
7. Rules of Road Regulations, 1989	-	4 Hours
8. Offences, Penalties and Procedure	-	1 Hour
9. Hand Signals, Light Signals, Police Signals and Road Markings	-	4 Hours
10. Traffic Signs	-	3 Hours
11. Road Geometrics	-	2 Hours
12. Junctions & Intersections	-	2 Hours
Total :		26 Hours

(II) DRIVING THEORY

Duration: 18 Hours

<u>LESSON</u>		<u>TIME</u>
1. Sitting Position	-	1 Hour
2. Pre-driving Checks	-	1 Hour
3. Controls and their uses	-	2 Hours
4. MSM & PSL Routines	-	2 Hour
5. IPDE Principle	-	2 Hour
6. Reversing	-	1 Hour
7. Parking	-	1 Hour
8. Stopping distance and following Distance	-	1 Hour
9. Curve Handling	-	1 Hour
10. Driving under special conditions	-	1 Hour
11. Driving under emergency situations	-	1 Hour
12. Road user characteristics	-	1 Hour
13. Diesel saving	-	1 Hour
14. Accidents	-	1 Hour
15. Qualities of a good driver	-	1 Hour
Total :		18 hours

(III) VEHICLE MECHANISM -Theory

Duration: 50 Hours

<u>LESSON</u>		<u>TIME</u>
1. General layout of the vehicle	-	3 Hours
2. Vehicle Dimensions	-	3 Hours
3. Engine	-	4 Hours
4. Engine power generation system	-	4 Hours
5. Fuel supply system	-	4 Hours
6. Lubrication system	-	3 Hours
7. Cooling system	-	3 Hours
8. Transmission system	-	4 Hours
9. Brake system	-	4 Hours
10. Suspension system	-	3 Hours
11. Steering system	-	3 Hours
12. Electrical system	-	3 Hours
13. Vehicle Maintenance	-	3 Hours
14. Tyre Maintenance	-	3 Hours
15. Battery and its maintenance	-	3 Hours
Total :		----- 50 Hours -----

(IV) VEHICLE MECHANISM – Practical

Duration: 120 Hours

<u>PRACTICAL LESSON</u>		<u>TIME</u>
1. Vehicle cleaning and Lubrication	-	12 Hours
2. Checking and Filling up oil levels	-	12 Hours
3. Checking of various Bolts and Nuts	-	12 Hours
4. Fitment of Fan belt and Changing Radiator Hose	-	16 Hours
5. Battery Maintenance	-	16 Hours
6. Attending of Air lock, oil block	-	16 Hours
7. Air pressure checking and Tyres removal and fitment, Tube vulcanizing	-	16 Hours
8. Engine Tune up	-	12 Hours
9. Checking wheel alignment	-	4 Hours
10. Brake adjustment	-	4 Hours

	Total :	120 Hours

(V) PUBLIC RELATIONS

Duration : 9 Hours

LESSON

TIME

- | | | | |
|----|--|---|---------|
| 1. | Organization set up | - | 1 Hour |
| 2. | Study of Route Map | - | 2 Hours |
| 3. | Duties of the Driver | - | 2 Hours |
| 4. | Communication system | - | 2 Hour |
| 5. | Relationship with Passenger/
Public and Authorities/ Organization | - | 2 Hours |

Total : 9 Hours

(VI) First Aid & Safety

- 9 Hours

Principles and practice of First Aid- Structure and functions of Human body- First Aid Box-First Aid to victims of Road Accidents- Emergency contacts- Fire safety

(VII) Human Relations

- 9 Hours

Importance of human relationship-Job Stress-impact of Drugs & Liquor Drinking- Fatigue-Medication- YOGA

**(VIII) COMPUTER BASICS
&
COMMUNICATION SKILLS**

Duration : 26 Hours

LESSON

TIME

1.	Computer functions	-	4 Hours
2.	Internet & Multi Media	-	7 Hours
3.	Communication Skill	-	8 Hours
4	Demo & Practice	-	7 Hours

Total : 26 Hours

(IX) Theory & Practice Examinations - 13 Hours

HEAVY VEHICLE DRIVING PRACTICE

Duration: 54 Hours

I. (A). BASIC EXERCISES IN DRIVING RANGE: (9 Hours)

- | | | | |
|----|-------------------------------|---|----------|
| 1. | Starting, Moving and Stopping | - | 1 Hour |
| 2. | Clutch control practice | - | 1 Hour |
| 3. | Gear up practice | - | 1½ Hour |
| 4. | Gear down practice | - | 1½ Hours |
| 5. | Steering Handling Practice | - | 1 Hour |
| 6. | Accelerator Handling Practice | - | 1 Hour |
| 7. | Foot Brake Handling Practice | - | 1 Hour |
| 8. | Hand Brake Handling Practice | - | 1 Hour |

I (B) SKILL EXERCISES IN DRIVING RANGE: (9 Hours)

- | | | | |
|-----|---|---|--------|
| 1. | Practice in 'U' Turn | - | ½ Hour |
| 2. | Practice in 3 Point Turn | - | ½ Hour |
| 3. | Practice in 5 Point Turn | - | ½ Hour |
| 4. | Reverse Practice using left side Branch Road | - | ½ Hour |
| 5. | Reverse Practice using Right side branch Road | - | ½ Hour |
| 6. | Reverse Practice in 'S' Bend | - | ½ Hour |
| 7. | Reverse Practice in '8' shaped Bend | - | ½ Hour |
| 8. | Angular Parking Practice (in Reverse Direction) | - | ½ Hour |
| 9. | Parallel Parking Practice | - | ½ Hour |
| 10. | Perpendicular parking practice | - | ¼ Hour |

	11.	Parking in Slopes	-	¼ Hour
	12.	Biting point practice in slopes	-	¼ Hour
	13.	3-Point Turn practice in slopes	-	¼ Hour
	14.	Practice in Hair pin Bends	-	½ Hour
	15.	Practice for Emergency stop	-	½ Hour
	16.	Practice in stopping Distance and Following Distance	-	½ Hour
	17.	Practice in Vehicle starting by push start - Method		½ Hour
	18.	Practice in IPDE Procedure	-	½ Hour
	19.	Practice in MSM & PSL Routines	-	½ Hour
	20.	Practice in vehicle stopping without using brake	-	½ Hour
II.	1.	Driving Practice in Rural Roads (Actual)	-	12 Hours
	2.	Driving Practice in Highway Roads (Actual)-		6 Hours
III.	1.	Driving practice in Sub-urban Roads (Actual)-		5 Hours
	2.	Driving practice in congested Roads (Actual)-		5 Hours
	3.	Driving Practice in City Roads (Actual)	-	6 Hours
	4.	Driving Practice in Hill Roads (Actual)	-	1 Hours
	5.	Driving Test	-	1 Hours

Total :				54 Hours

for **DIRECTOR**