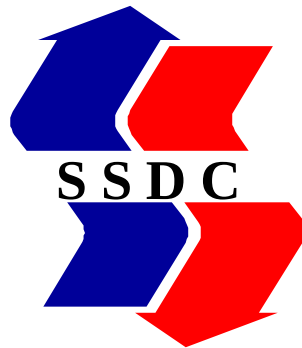


SINGAPORE SAFETY DRIVING CENTRE LTD



MOTORCAR TRAINING CONTENT

AUTO

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AUTO TRANSMISSION MOTORCAR TRAINING CONTENTS	
STAGE 1 CONTENTS	
SUBJECTS	DETAIL SUBJECTS
1. Familiarisation and pre-operatives procedures 2. Engine starting and stopping, pedals activity 3. Moving off and stopping Minimum requirement	a) Introduction and getting in and out of the vehicle b) Explanation of devices and controls c) Driving posture and seat adjustment d) Adjustment of mirrors and its functions a) Switch off and on the engine b) Pedals introduction, accelerator and brake c) Gear changing procedures (dry practice) a) Understanding and feel the accelerator when stepping (engine sound) b) Co-ordination practice (dry-run) c) Moving the car forward and backward d) Stopping the vehicle • Able to move off and stop the vehicle smoothly
4. Steering control on a straight road Minimum requirement	a) Feeling the position of the wheel b) Steering control on the straight road and negotiating a bend c) How to turn and return the steering wheel d) When to turn and return the steering wheel • Able to turn and return smoothly within the lane
5. Braking Techniques Minimum requirement (Circuit & Road)	a) Understanding engine brake b) Reducing speed c) High/ Low-speed braking d) Stopping at an indicated line • Able to reduce speed and stop smoothly with engine braking
6. Blind spot / Stopping and moving off from the kerbside Minimum requirement (Circuit & Road)	a) Vehicle's blind area b) Understanding what is blind spot c) Know when to check, how to check and where to check d) Stopping and moving off from the kerbside • Able to check blind spot • Move off/stop at kerbside with safety procedures
7. Basic lane change procedure Minimum requirement (Road)	a) Lane change procedure with blind spot b) Procedures for overtaking • Able to overtake and change lane with safety procedures

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SUBJECTS	DETAIL SUBJECTS
8. Steering (Part II) <i>Minimum requirement (Circuit & Road)</i>	a) Understanding wheel trace differential b) Negotiating corners and bend c) Sharp left turns d) Filter lane • <i>Able to negotiate bends/corners without mounting/striking kerb</i>
9. Speed adjustment <i>Minimum requirement (Circuit & Road)</i>	a) Accelerator and deceleration b) Engine brake c) Braking at different speed • <i>Able to adjust speed on straight roads and bends</i>
10. Traffic rules <i>Minimum requirement (Circuit & Road)</i>	a) Understanding what is Lane discipline b) Traffic light and traffic sign c) Different types of pedestrian crossing d) Passing through an intersection and its priority e) Yellow box • <i>Able to understand /drive according to Traffic rules and regulations</i>
11. Slow speed control/basic right turns <i>Minimum requirement (Circuit & Road)</i>	a) Half-clutch low speed control b) Feeling the length and width of the vehicle c) Vehicle positioning d) Safety checks • <i>Able to control the slow speed movement</i> • <i>Able to position correctly before turning, turn smoothly without wide/sharp turning and with proper safety procedures.</i>
12. Driving on a slope <i>Minimum requirement (Circuit & Road)</i>	a) Familiarisation of all circuit slope b) Stopping and moving off procedures on the slope (circuit/road) c) Ability to recognise a road slope and apply the correct technique • <i>Able to drive up/down a slope and to stop and move off with the correct technique for various slopes</i>
13. Review prior lessons <i>Minimum requirement (Circuit & Road)</i>	a) Correct moving off technique b) Ability to control the vehicle steering wheel c) Ability to reduce speed and by correct braking technique d) Ability to check blind spot regularly and know when to apply e) Understanding wheel trace differential f) Knowledge of traffic rules observation g) Ability to make a basic right turn and slow speed control h) Ability to move off from the slope(circuit/road) without rolling back <i>*Able to attain minimum requirements of subjects 1 to 12</i>

AUTO TRANSMISSION MOTORCAR TRAINING CONTENTS	
STAGE 2 CONTENTS	
SUBJECTS	DETAIL SUBJECTS
14. Pre-drive check 15. Driving in observance with traffic rules <i>Minimum requirement (Circuit & Road)</i>	a) The exterior of the car b) The engine compartment c) Boot / spare tyre d) Cabin a) Traffic lights and traffic signs b) Pedestrian crossing c) Priority at intersection d) Yellow box • <i>Able to drive according to Traffic signs and regulations (Judgement)</i>
16. Left turns and filter lanes <i>Minimum requirement (Circuit & Road)</i>	a) Understanding various left turn on the public road b) Identify various filter lane on the public road c) Correct positioning of the vehicle before making a left turn/filter lane d) Safety checking procedures before/after entering left turn/filter lane • <i>Able to make a left turns/filter lanes with correct speed and safety</i>
17. Speed control <i>Minimum requirement (Circuit & Road)</i>	a) Speed limits b) Following distance (2 sec rule) c) Passing another vehicle d) Braking at different speed • <i>Able to adjust speed for various road and traffic conditions</i>
18. Lane changing (part 1) <i>Minimum requirement (Circuit & Road)</i>	a) Understanding the lane changing procedure b) Understanding the usage of mirrors c) The judgement of other vehicle speed d) Staggered / diagonal methods of lane change e) Hints on overtaking or being overtaken • <i>Able to regulate speed while lane changing and ability to judge other vehicles speed before a lane change</i>
19. Right turns <i>Minimum requirement (Circuit & Road)</i>	a) Understanding right turn procedure b) Understanding to estimate other vehicle speed and distance c) Applying lane discipline when making a right turn d) Looking ahead to the direction of turns • <i>Able to make a right turn smoothly with correct speed and avoid wide/sharp turning</i>

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STAGE 2 CONTENTS	
SUBJECTS	DETAIL SUBJECTS
20. Reversing and Three-point turn Minimum requirement (Circuit & Road)	a) Understanding reversing posture b) Estimation of slow speed control c) Target estimation inclusive of positioning and steering control d) The vehicle positioning and safe procedure for a Three-point turn Able to control the slow speed while reversing Able to position and to execute three-point turn safely
21. Directional change Minimum requirement (Circuit)	a) Reversing posture b) Slow speed control c) Target estimation d) Steering adjustment e) Positioning/timing of steering f) Safety checks/moving out g) Corrective actions Able to control the slow speed while reversing and position the vehicle to the left or right with steering wheel sensing Able to do the directional change with proper safety procedures and not mounting the kerb
22. U-turns Minimum requirement (Road)	a) Understanding the U-turn procedures and purpose b) Vehicle positioning c) Selection of the lane when doing the U-turn d) Safety checks before and after the U-turn Able to make a U-turn safely and turn into the correct lane
23. Narrow courses Minimum requirement (Circuit)	a) Narrow courses and it uses b) S-course and the procedure c) Crank course and the procedure d) Safety requirement for Narrow courses e) Corrective actions Able to drive through the narrow courses without mounting / striking the kerb Able to do corrective action when needed
24. Review prior lessons (Public road driving and obstacle courses) Minimum requirement (Circuit & Road)	a) Control vehicle speed on the road b) Left turn and filter lane safely c) Lane change with proper procedure d) Right turns e) Directional change/reversing f) U-turns g) Narrow courses Able to attain minimum requirements of subjects 14 to 23

AUTO TRANSMISSION MOTORCAR TRAINING CONTENTS	
STAGE 3 CONTENTS	
SUBJECTS	DETAIL SUBJECTS
25. Vertical Parking <i>Minimum requirement (Circuit)</i>	a) Understanding what is vertical parking b) Understanding the vertical parking reference point c) Positioning of the vehicle d) Slow speed control and safety check e) Understanding how to do corrective actions • <i>Able to park the vehicle within the stipulated time given without mounting the kerb</i>
26. Lane Changing (part 2) (Heavy traffic) <i>Minimum requirement (Road)</i>	a) Lane changing in different traffic condition (heavy traffic) b) Merging with acceleration c) The judgement of speed and distance • <i>Able to regulate speed while lane changing and not to cause another vehicle to take evasive actions and no abrupt lane changing</i> • <i>Minimum one session</i>
27. Parallel Parking <i>Minimum requirement (Circuit)</i>	a) Understanding what is parallel parking b) Understanding the parallel parking reference point c) Positioning of the vehicle d) Slow speed control and safety check e) Understanding how to do corrective actions • <i>Able to park the vehicle within the stipulated time given without mounting the kerb</i>
28. Reacting towards road hazards and Emergency brake Platform Ramp <i>Minimum requirement (Circuit & Road)</i>	a) Understanding what is road hazards b) Traffic conditions c) Natural condition d) Reaction on how to go through a road hazards e) What are the safety procedures when encountering road hazards f) Understanding what is emergency brake g) Procedure and technique h) Reaction and moving off i) Platform (ramp) training • <i>Able to react to various road hazards with safety procedures</i> • <i>Able to react and brake with correct technique and procedures</i>
29. Review all prior lessons (with test routes) <i>Minimum requirements (Circuit & Road)</i>	a) All circuit obstacle courses b) Speed control c) All turnings d) Lane changing e) Traffic rules f) Safety checks and awareness • <i>Able to attain minimum requirements of subjects 1 to 28</i> • <i>Minimum one session</i>

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STAGE 4 CONTENTS	
SUBJECTS	DETAIL SUBJECTS
30. Traffic police test checklist (with road test route) <i>Minimum requirement (Circuit & Road)</i>	a) Introduction of T.P checklist with test routes driving b) Pre - Assessment (30 points and below) • <i>Not exceeding 30 demerit points or any immediate failure mistake</i> • <i>Minimum one session</i>
31. Comprehensive driving (with road test route) <i>Minimum requirements (Circuit & Road)</i>	a) Improve on weak areas and prepare for assessment b) Familiarization of test routes • <i>Minimum one session</i>
32. Pre-Traffic Police Test assessment <i>Minimum requirements (Circuit & Road)</i>	a) Final assessment according to traffic police checklist • <i>Able to familiarize with the test vehicle and do the circuit courses</i> • <i>Minimum one session</i>