



Bangladesh Sweden Polytechnic Institute

Kaptai, Rangamati Hill Tracts
Automobile Technology
6th Semester

Semester Plan (Probidan-2016)

Vehicle Driving & Fitness Test (66262)

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Teacher's name: Md. Foyzullah, Junior Instructor (Tech/Power), Automobile Technology

No. of Week	No. of Class	Theory Class Content	Practical Contents	Remarks
01	01	1.1 Mention the physical fitness of a driver. 1.2 Mention the mental fitness of a driver. 1.3 Explain color blind, vision error and car sickness.	Practice the idle sitting & pre-inspection before driving.	
	02	1.4 Identify the causes of fatigue of a driver. 1.5 Describe the ideal sitting position of a driver. 1.6 Explain the necessity of seat-belt.		
02	01	2.1 Name different types of controlling devices. 2.2 Explain the function of controlling devices during driving. 2.3 Mention the driver's duties & responsibilities before moving.	Practice on marching the vehicle & gear changing.	
	02	2.4 Describe the technique of moving vehicle. 2.5 Explain the necessity of clutch operation during gear change. 2.6 Explain the technique of changing gear position by hand in case of floor gears.		
03	01	Quiz Test--01	Practice the turning of vehicle towards left or right & stopping.	
	02	3.1 Define braking distance. 3.2 Explain brake testing before moving off. 3.3 Explain parallel parking, angular parking and dead end parking. 3.4 Describe the turning procedure at right turn and left turn.		
04	01	3.5 Describe the turning procedure at a blind corner. 3.6 Describe the procedure of overtaking. 3.7 Explain the safe distance. 3.8 Mention the causes of skidding.	Practice the overtaking a vehicle.	
	02	4.1 Describe the necessity for daily maintenance. 4.2 Mention the items of daily checking. 4.3 Mention the checking items before starting the engine. 4.4 Mention the duties of a driver during brake failure.		
05	01	4.5 Mention the duties of a driver during the emergency stopping. 4.6 Mention the duties of a driver during towing. 4.7 List the emergency aids in the first aid box. 4.8 Describe the common first aid procedure such as: burning, cutting & breaking of bone.	Practice the parking of vehicle.	
	02	Class Test-1		
06	01	5.1. Define traffic signals. 5.2. Mention the type of traffic signals. 5.3. Explain different road signals recommended by BRTA. 5.4. Explain different road markings. 5.5. Explain the road signals shown by the traffic police / signal light.	Practical driving with auto gear.	

	02	5.6. Explain the signal shown by the driver for turning, slowing down, stopping, overtaking etc. 5.7. Explain the signal and signaling devices fitted to a vehicle. 5.8. Describe the vehicle act no 92, 93, 94, 95, 96 97, 98, 99, 100, 101, 102, 103, 138, 139, 144, 145,148, 150, 152 & 155		
07	01	Mid Term Exam		
08	01	6.1. List the documents and papers that a driver should have during driving. 6.2. Mention the precautions of driving during night, raining and foggy weather.	Practical driving with auto gear.	
	02	6.3. Mention the precautions of driving on hilly, sandy and sleepy road. 6.4. Explain the duties of a driver in case of accident and injury of a person. 6.5. Explain what a driver should do and what should not do during driving.		
09	01	Quiz Test--02	Practical driving with auto gear.	
	02	6.6 Describe the process of grant of license. 6.7 Describe the process of registration. 6.8 Describe the process of transfer of ownership of a vehicle.		
10	01	Class Test-2	Practical driving with auto gear.	
	02	7.1 Define fitness of a vehicle. 7.2 Explain Emission control.		
11	01	7.3 Explain brake performance test.	Practical driving with auto gear.	
	02	7.4 Explain suspension test. 7.5 Explain lighting & signaling device test.		
12	01	7.6 Define road permit, fitness certificate, tax-token, insurance certificate.	Practical driving with auto gear.	
	02	7.7 Mention the necessity of road permit, fitness certificate, tax-token, insurance certificate, PSV Badge and conductor's license.		