



Course Weekly Outline

Week No.	Theoretical	Experimental
1	Introduction and Background of Traffic Engineering	Traffic Volume at Highways
2	Volume Studies	Traffic Volume at Intersection
3	Speed Studies	Passenger Car Unit
4	Travel Time and Delays Studies	Spot Speed
5	Parking Studies	Spot Speed and Radar Gun Speed Meter
6	Traffic Flow Elements	Space Mean Speed
7	Intersection Control and Traffic Signals	Headway and Gap
8	Intersection Control Design	Traffic Delay at Intersection
9	Overview and History of Transportation Engineering	Traffic Delay on Road
10	Urban Transportation Planning	Calculate of Density
11	Trip Generation	Calculate of Capacity
12	Trip Distribution	Saturation Flow Rate and Capacity
13	Modal Split and Traffic Assignment	Relationship between Speed, Density and Capacity
14	Public Transportation	Horizontal curve
15	Mid Term Exam	Vertical curve