Course Plan: Summer 2020 Semester

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| Department: Civil Engineering  Course Code: CE 351  Course Title: Transportation Engineering I  Credit Hour: 3.0 | Faculty: Saurav Barua (SB)  Class Time: 5:00-6:00PM  Day: Sun, Mon, Tue  Room No: 701, DT 5  Semester: 171/DD1 |

| Class No. | Date | Topics | Activities |
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| 01-03 | 1st Week | *Introduction to Transportation Engineering, Development of Transportation Systems* | Class notes, Video lectures |
| 04-06 | 2nd Week | *Elements of Transportation System, Transportation in Bangladesh, Modal Share* | Class notes, Video lectures |
| 07-09 | 3rd Week | *Transportation Planning Concepts* | Class notes, Video lectures |
| 10-12 | 4th Week | *Collection, Study and Analysis of Basic Data; Highway Location and Surveys* | Class Test 1 |
| 13-15 | 5th Week | *Geometric Design of Highways, Elements of Design, Cross-section of Elements* | Class notes, Video lectures |
| Midterm Exam | | | |
| 16-18 | 6th Week | *Curves and Sight distances, Road Intersections* | Class notes, Video lectures |
| 19-21 | 7th Week | *Traffic Engineering, The Road/Traffic System* | Class notes, Video lectures |
| 22-24 | 8th Week | *Vehicle and Traffic Characteristics* | Class Test 2 |
| 25-27 | 9th Week | *Traffic Control Devices* | Class notes, Video lectures |
| 28-30 | 10th Week | *Traffic Studies* | Class notes, Video lectures |
| 31-33 | 11th Week | *Parking and Street Lighting* | Class Test 3 |
| 34-36 | 12th Week | *Waterways and Terminals* | Class notes, Video lectures |
| Term Final Exam | | | |