

KING SAUD UNIVERSITY
College of Engineering
GE 431: Highway Engineering (Second Semester 1433-1434H, 2012-2013G)
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Chapter	Topics	Self Study
1	Introduction. Sections: 1-1→1-2.1, 1-3.1→1-3.4	Try all the relevant questions at the end of each chapter
4	Highway Evaluation. Sections: 4-1→ 4-4.3	
5	Driver, Pedestrian, and Vehicle Characteristics. Section 5-1→ 5-3.5	
6	Traffic Characteristics. Sections: 6-1.2	
7	Geometric Design of Highways. Sections: 7-1→7-7, 7-10 + Handout	
9	Intersections and Interchanges. Sections: 9-1→ 9-1.2, 9-1.4, 9-2→ 9-2.7	
13	Surveys, Plans, and Estimates. Sections: 13-1→ 13-12.7	
15	Highway Materials. Sections: 15-1→ 15-6, 15-8 →15-18.	
16	Flexible Pavement Design. Sections: 16-1 → 16-13.	
18	Bases, Subbases, and Low-cost Surfaces. Section: 18-1→ 18-4 + Handout	
19	High-Type Bituminous Pavements. Section: 19-1 → 19-1.9, 19-1.11	