

CE552 READING ASSIGNMENTS

| DATE | TOPIC | TEXT PAGES |
|---------|--|------------|
| Jan 16 | Introduction/Emerging Issues/Trends | 1-37 |
| Jan 21 | Capacity Concepts | 206-217 |
| Jan 23 | Uninterrupted Flow | 218-248 |
| Jan 28 | Uninterrupted Flow Continued | |
| Jan 30 | Weaving | 249-260 |
| Feb 4 | Bottlenecks | |
| Feb 6 | Two-lane Highways | |
| Feb 11* | Freeway Exercise | |
| Feb 13 | Traffic Control Devices – Overview | 334-375 |
| Feb 16 | Introduction to Intersection Control | 376-400 |
| Feb 20 | Basic Principles of Intersection Signalization | 401-428 |
| Feb 25 | Fundamentals of Signal Design and Timing | 429-465 |
| Feb 27 | Analysis of Signalized Intersections | 466-541 |
| Mar 4 | Analysis of Signalized Intersections Continued | |
| Mar 6 | Review/Project | |
| Mar 11 | MIDTERM EXAM | |
| Mar 13 | Project/Actuated Signals and Detection | 42-556 |
| Mar 25 | Intersection Parameters | 557-571 |
| Mar 27 | Ramp Metering | 572-591 |
| Apr 1 | Signal Coordination | 592-631 |
| Apr 3 | Synchro | |
| Apr 8 | Arterial Design and Management | 632-694 |
| Apr 10 | Diamond Interchanges | |
| Apr 15 | Railroad Grade Crossings | |
| Apr 17 | Bus Priority | |
| Apr 22 | Pedestrians | |
| Apr 24 | TBD | |
| Apr 29 | TBD | |
| May 2 | FINAL EXAM | |