

CEE 320  
Spring 2008  
Professor Goodchild  
MWF 11:30 - 12:20  
153 Mueller Hall  
OH MW 3:00 - 4:00 pm

| Day    | Topic                                                     | Reading            | Assigned   | Due             |
|--------|-----------------------------------------------------------|--------------------|------------|-----------------|
| 31-Mar | Introduction                                              |                    | Abstracts1 |                 |
| 2-Apr  | Vehicle Dynamics                                          | Text: 1, 2.1 - 2.8 | HW 1       |                 |
| 4-Apr  | Vehicle Dynamics                                          | Text: 2.9          |            |                 |
| 7-Apr  | Geometric Design                                          | Text: 3.1 - 3.3    | Project 1  |                 |
| 9-Apr  | Geometric Design                                          |                    |            | HW 1            |
| 11-Apr | Geometric Design                                          | Text: 3.4          | HW 2       |                 |
| 14-Apr | Pavement Design                                           | Text: 4.2, 4.4     |            |                 |
| 16-Apr | Pavement Design                                           | Text: 4.6          |            | Abstracts1      |
| 18-Apr | Float Day                                                 |                    |            | HW 2, Project 1 |
| 21-Apr | Midterm Review                                            |                    |            |                 |
| 23-Apr | <b>Midterm</b>                                            |                    |            |                 |
| 25-Apr | Engineering Open House – no class                         |                    |            |                 |
| 28-Apr | Movie: Divided Highways                                   |                    | DHWA       |                 |
| 30-Apr | Movie: Divided Highways                                   |                    |            |                 |
| 2-May  | Traffic Concepts                                          | Text: 1, 5.1 – 5.3 | HW 3       | DHWA            |
| 5-May  | Level of Service (LOS) Analysis                           | Text: 6.1 - 6.5    | Abstracts2 |                 |
| 7-May  | Level of Service (LOS) Analysis                           | Text: 6.7          | Project 2  | Survey          |
| 9-May  | LOS Example Problem)                                      |                    |            |                 |
| 12-May | Queuing Theory                                            | Text: 5.4          | HW 4       | HW 3            |
| 14-May | Queuing Theory                                            |                    |            |                 |
| 16-May | Intelligent Transportation Systems                        |                    |            |                 |
| 19-May | Intelligent Transportation Systems                        |                    | HW 5       | HW 4            |
| 21-May | Transportation Planning                                   | Text: 8.1 - 8.5    |            |                 |
| 23-May | Transportation Planning                                   | Text: 8.6 - 8.7    |            | Project 2       |
| 26-May | HOLIDAY                                                   |                    |            |                 |
| 28-May | Float Day                                                 |                    |            | HW 5            |
| 30-May | Network Flow and Induced Demand                           |                    |            | Abstracts2      |
| 2-Jun  | Externalities of Transportation                           |                    |            |                 |
| 4-Jun  | Sustainability, contemporary solutions for transportation |                    |            |                 |
| 6-Jun  | Final Review, Course Evaluation                           |                    |            |                 |
| 11-Jun | <b>FINAL (2:30 - 4:20 pm)</b>                             |                    |            |                 |

