

Tentative schedule

| Date | | Topic |
|------|--------|---|
| F | 1-Oct | Class begins |
| M | 4-Oct | Introduction: Significance, scale effects, failure vs. yielding, sampling, sampling storage |
| W | 6-Oct | Advance laboratory testing: Consolidation test- Lecture |
| F | 8-Oct | Consolidation test- laboratory |
| M | 11-Oct | Direct shear test- Lecture |
| W | 13-Oct | Direct shear test- laboratory |
| F | 15-Oct | Direct simple shear test- Lecture |
| M | 18-Oct | Ring shear test- Lecture |
| W | 20-Oct | Direct simple shear test- laboratory |
| F | 22-Oct | CD triaxial test- lecture |
| M | 25-Oct | CU triaxial test-lecture |
| W | 27-Oct | CU triaxial test-laboratory |
| F | 29-Oct | UU triaxial test- lecture |
| M | 1-Nov | Mini vane shear test-lecture |
| W | 3-Nov | UU triaxial test- laboratory |
| F | 5-Nov | Advanced in-situ testing: SPT |
| M | 8-Nov | Advanced in-situ testing: CPT |
| W | 10-Nov | Advanced in-situ testing: CPT-cont. |
| F | 12-Nov | Advanced in-situ testing: F-CPT |
| M | 15-Nov | Advanced in-situ testing: Pressuremeter test |
| W | 17-Nov | Advanced in-situ testing: Marchetti penetrometer test |
| F | 19-Nov | Advanced in-situ testing: Vane shear test |
| M | 22-Nov | Discussion about class project |
| W | 24-Nov | Thanksgiving day break- no class |
| F | 26-Nov | Thanksgiving day break- no class |
| M | 29-Nov | Const. models and their calibration |
| W | 1-Dec | Tresca, Mohr-Coulomb, von Mises, and Drucker-Prager |
| F | 3-Dec | Soil hardening model |
| M | 6-Dec | CamClay model |
| W | 8-Dec | NorSand Model |
| F | 10-Dec | Class recap |
| M | 13-Dec | Final exams begin. Final exam date TBD |