

CE 306A Structures and Materials Laboratory Course Schedule – Spring 2009
Note: Schedule Subject to Change if Necessary
ALL LABS IN STRUCTURES LAB AT WELLNESS CENTER UNLESS NOTED OTHERWISE

Week	Wednesday Lecture Date/Topic	Tuesday Lab Date/Topic
1	Jan. 14: Course Expectations/Professional Communication <i>Sections 1.1-1.3 and 13.1-13.5 in Textbook</i>	Jan. 13: Lab #1 Technical Writing in KH 235
2	Jan. 21: Experimental Statistics	Jan. 20 Lab #2A Concrete Mix Design in KH 235 Technical Writing Assignment Due
3	Jan. 28: Design-Build-Test Project	Jan. 27 Lab #3 Uniaxial Tension Tests Concrete Lab #2A (Introduction/Methods & Procedures)
4	Feb. 4: Truss Lab Calculations	Feb. 3 DBT Project – Design in KH 235 Tension Tests Lab #3 Due
5	Feb. 11: Professional Document Design <i>Chapter 2 in Textbook</i>	Feb. 10 Lab #4 Trusses/Hooke's Law DBT Project Proposal Due/Concrete Lab #2A
6	Feb. 18: Basic Grammar & Sentences <i>Chapters 3 & 4 in Textbook</i>	Feb. 17 Lab #2B Concrete Testing Truss Lab #4 Due
7	Feb. 25: Punctuation, Spelling & Mechanics <i>Chapters 5 & 9 in Textbook</i>	Feb. 24 DBT Project - Build Concrete Lab #2 (including revisions) Due
SPRING BREAK		
8	Mar. 11: DBT Predictions Calculations	Mar. 10: Lab #5 Asphalt Testing

<p>This Overview and Syllabus is posted with permission and provided for educational purposes only. Any use of this material shall include attribution to its author, Vicki L. Brown, Ph.D., Widener University, Chester, PA.</p>

Week	Wednesday Lecture Date/Topic	Tuesday Lab Date/Topic
9	Mar. 18: Sentence Structure, Style & Usage <i>Chapters 6 & 7 in Textbook</i>	Mar. 17: Field Trip – Testing Lab Asphalt Lab #5 Due
10	Mar. 25: Peer Editing <i>Sections 1.4 & 1.5 in Textbook</i>	Mar. 24: DBT Project –Testing DBT Predictions Due at Start of Lab
11	Apr. 1: Wooden Beam Calculations	Mar. 31: Lab #6 Wooden Beams
12	Apr. 8: Photoelastic Beam Calculations	Apr. 7: Lab #7 Photoelastic Beam Wooden Beam Lab #6 Due
13	Apr. 15: Oral Presentations <i>Section 13.6 in Textbook</i>	Apr. 14: Field Trip – Construction Site Photoelastic Beam Lab #7 Due
14	Apr. 22: Guest Lecture <i>Engineering Standards</i>	Apr. 21: DBT Project Presentations in KH 235 DBT Project Report Due
15	Apr. 29: Presentation Evaluations	Apr. 28: No Lab Second Revised Lab Report Due