MEGR 2141
Engineering Mechanics I: Statics

Professor: J. M. Hill
Office: 269 Duke Centennial Hall
Hours: Monday and Wednesday: 5:15 – 6:00
                    Tuesday and Thursday: 3:00 – 4:00
                    Other Times by Appointment

Textbook: *Engineering Mechanics -- Statics*, 8th Edition*,
               Meriam and Kraige, John Wiley & Sons 2015

Website: http://webpages.uncc.edu/~hill

Grading:

3 tests @ 22%		66%
Homework and quizzes		12%
Final Exam		22%

Course Outline

Chapter	Topic
1	Newton's Laws, Scalars, Vectors
2	Forces, Moments, Couples, Resultants
3	Equilibrium
4	Structures, Trusses, Frames and Machines
5	Distributed Forces, Centroids, Beams, Fluid Statics
6	Friction

Course Policy

Homework will be assigned in class, typically one problem per class, and will be due via Canvas before the next class. Due date and time will appear on Canvas. No hard copy or late submissions will be accepted for any reason.

Other than calculators and computers used for note taking, the use of electronic devices (cell phones, mp3 players, iPods, etc.) is not allowed. ***Do not have your cell phones on your desks during class***. **Absolutely no texting is allowed.**

Academic Integrity

Students have the responsibility to know and observe the requirements of the UNCC Code of Student Academic Integrity (https://legal.uncc.edu/policies/up-406#ch5). This code forbids cheating, fabrication or falsification of information, multiple submissions of academic work, plagiarism, abuse of academic materials, and complicity in academic dishonesty.

Calculator Policy

The only calculators allowed for use on tests, quizzes, or on the final exam are those listed on the National Council of Examiners for Engineering and Surveying (NCEES) site at https://ncees.org/exams/calculator/. These are the same calculators allowed on the FE exam.

* You may use any edition of the text. However, I will frequently refer to figures and tables in the book. If you are using an edition other than the one I'm using, it's up to you to locate the appropriate pages in the book. Homework will not be assigned from the book.