

## **Fall 2020 CEE 500: Statics for Civil Engineers**

<https://courses.unh.edu/class/202010/14131>

**Description:** Introduction to statics with emphasis on civil engineering topics; two and three dimensional force systems; static equilibrium; friction; analysis of trusses and beams; centroids; and moment and shear diagrams for flexural members

**Schedule:** MWF 910-1000AM

**Room:** SLS120

**Instructor:** Erin S Bell, Ph.D., P.E., [Erin.bell@unh.edu](mailto:Erin.bell@unh.edu)

**Text book, title author, and year:** Course Notes provided on CANVAS Recommended: Statics and Mechanics of Materials by R. C. Hibbeler, Fifth Edition

### **Content Delivery:**

CEE 500 will be delivered in a face-to-face format requiring students to have appropriate PPE and distancing.

At the same time the class will be broadcast in a synchronous manner, (meaning it will be a live broadcast of what is happening in the classroom). The synchronous broadcast will be recorded for later viewing.

Students will have the opportunity to ask questions during class via ZOOM chats.

Additional asynchronous videos and other asynchronous material will be made available in the CEE 500 Canvas pages.

No matter which delivery format is used, students will be expected to “attend” class and be prepared to ask questions and answer questions that I will be asking. The class is run in an interactive format and students are called upon in a random fashion to answer questions I put forth. I also give unannounced quizzes in class and you must be present to receive credit for the quiz

### **Assessment:**

All assignments will be posted in Canvas as well as links to the recordings of the synchronous broadcasts.

8-10 homework assignments that will be submitted electronically via Canvas

Periodic on-line and in-class quizzes, number is unknown but likely 6 to 8

2 mid-term examinations and 1 final examination

The delivery format of the exams is not determined at this time.

Preference is for the mid-terms to in-person and the final to be administered online.

Note: Accommodations for remote administration of any examination will be made on an individual basis following University policies and after timely consultation with course instructor.