

## **Fall 2020 CEE 736/836: Asphalt Mixtures and Construction**

<https://courses.unh.edu/class/202010/14169>

**Description:** Specification of asphalt cements, aggregates and proportioning of mixture constituents for paving applications. Asphalt mixture design methods, production, construction, and quality control are discussed. Current new material production and construction technologies are introduced.

**Schedule:** TR 1110 AM-1230 PM

**Room:** KING N310

**Instructor:** Jo Sias, Ph.D., P.E., [jo.sias@unh.edu](mailto:jo.sias@unh.edu)

**Text book, title author, and year:** Course Notes and resources provided on CANVAS

### **Content Delivery:**

Kingsbury N310 can accommodate the enrollment for CEE 736/836 ( as of July 22) therefore CEE 736/836 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.

There will be 3-4 laboratory sessions during the semester that will be conducted face-to-face format and will require students to have appropriate PPE and distancing. The laboratory sessions will not be recorded; alternative delivery will be determined on a case-by-case basis as needed.

Asynchronous videos, YouTube videos and other asynchronous material will be made available in the CEE 736/836 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. The class is run in an interactive format.

### **Assessment:**

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

6-8 homework assignments that will be submitted electronically via Canvas

Periodic in-class quizzes, number is unknown but likely 5-6

3-4 laboratory reports

1 mid-term examination and 1 final examination

It has not been determined the delivery format

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.