Fall 2020 CEE 703: Site Design and Project Development

https://courses.unh.edu/class/202010/15422

Description: Provides an in-depth introduction to the various design activities undertaken for Land Development (Site Design) projects. Investigates aspects of site design: parking, grading, drainage, traffic, due diligence, permitting, cost estimating, and financing. Introduces concepts of Project Development process including project management, financing, delivery methods, design development, client relations, and construction administration. Course format will include lectures, guest presenters, and site visits. Grading based upon writing examination, assignments, group project, and professional development activities

Schedule: MWF 910-1000AM **Room**: HORT 204

Instructor: Ken Flesher, P.E., ken.flesher@unh.edu

Text book, title author, and year: No required textbook for the course. Selected readings from on-line sources and other supplemental materials/handouts. All course notes & PowerPoints will be provided on CANVAS

Content Delivery:

Horton room 204 can accommodate the enrollment of CEE 703, as of July 22, 2020, therefore CEE 703 will be delivered in a face-to-face format requiring students to have appropriate PPE and distancing. Any student not intending to be in the classroom needs to confer with the instructor to confirm justification.

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.

Asynchronous videos, YouTube videos and other asynchronous material will be made available in the CEE 703 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. Anyone attending remotely is REQUIRED to have a webcam enabled during class. The class is run in an interactive format, with in-class discussions of sample plans, regulations, permit applications, and software demonstrations (HydroCAD).

Assessment:

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

4-5 homework assignments/projects 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

It has not been determined the delivery format. Webcams may be REQUIRED during exams for monitoring activity.

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

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.