

Fall 2020 CEE 700: Building Information Modeling

<https://courses.unh.edu/class/202010/14173>

Description: Building Information Modeling (BIM) is the process of generating and managing project data during its life cycle by integrating 3D multidisciplinary drawings with dynamic scheduling and visualization. BIM provides a digital representation of project data to facilitate the exchange of information beyond the standard two-dimensional plan set. This course introduces students to the fundamentals of model creation, scheduling, material take-offs, visualizations, and animations that improve the communication of information to potential clients

Schedule: TR 810-930AM

Room: KINGS N110

Instructor: Milad Mehrkash, mm1193@wildcats.unh.edu

Textbook, title author, and year: Autodesk Revit 2020 Structure Fundamentals, SDC publications

Content Delivery:

CEE 700 will be broadcast in a synchronous manner (meaning it will be a live broadcast of lecture during the scheduled time). The synchronous broadcast will be recorded for later viewing.

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

Asynchronous videos and other asynchronous material will be made available in the CEE 700 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 will be run in an interactive format.

Assessment:

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

4 homework assignments that will be submitted electronically via Canvas.

1 midterm project and 1 final project that will be submitted electronically via Canvas.