

AEEN 4279 – Senior Design Project I  
Course Module – Structural Design and ASCE 7

A guest lecture was used to introduce structural loading and the use of ASCE 7. Since the lecturer was not the instructor of record, no follow up assignment was provided.

The lecture discussed load distribution in a structure. Items discussed included identifying one way vs. two way slabs and calculating tributary area. Content was delivered using YouTube videos as well as traditional notes.

The lecture also discussed how to find dead loads and live loads in ASCE 7 using the online ASCE 7 standard.

Individual assistance was provided to students outside of the class for more in-depth ASCE 7 knowledge. This assistance includes access to the wind spreadsheet developed / presented in CEEN 4289.