

Lecture 2 Notes

Today, you'll work in your groups:

1. Fill out a canvas quiz

Canvas Quiz Responses

1. You need to design the slab for the forces from your demand analysis. Where
Find this using ACI 318 or in Canvas Files - 06 Gravity Design - Concrete Gravity Design
2. You need to design your composite deck for your building which uses a steel gravity frame and a special concentrically braced frame. Where would you find the documents needed to help you?
Find this using the AISC Steel Manual or in Canvas Files - 06 Gravity Design - Steel Gravity Design (Look for the Vercor Floor Deck Catalog)
3. I do not understand how to format my design report. Where should I look?
Go to Canvas Files - 10 Writing and Presentation - Writing - Technical Writing Presentation Guidelines
4. My group has been assigned the design of a special concentrically braced frame. What documents do you need?
Find this using the AISC Steel Manual or in Canvas Files - 07 Lateral Design - Steel/Concrete Design
5. What is included in dead load? (What document tells you this and where is on Canvas?)
Reference the ASCE Manual - reference the architectural plans to find the purpose of the room and the according dead loads according to the room use in ASCE
6. Yikes! I need to make a presentation to the class. Can you find supporting documentation on creating and giving presentations? (again, find it on Canvas)
Go to Canvas Files - 10 Writing and Presentation - Presentations
7. Where is ACI 318-19? Where is AISC 360? Where is ASCE 7?
Go to Canvas Files - 09 Code Resources

Lecture 4 Notes

Will be teaching us mostly about BlueBeam and how to use