

D322 BUILDING CODES FOR COMMERCIAL BUILDINGS

Class 5: Accessible Route

(10 points)

EXERCISE 5- Observations on Accessibility

Name: _____

Prepare to answer the following questions using information and experience you gain or observe by taking notes during the activity undertaken in class. Answer the questions below in your own type written response. The document you hand in must be your own original work, no group writing efforts will be accepted.

1. Cane Technique

(2 points)

While completely blindfolded, which particular objects were you actually able to detect using the cane? What similarities do these “detectable” objects share? Which objects were you unable to detect and why?
(hint: list detectable objects, list similarities, list undetectable, explain why)

2. Simulation of Visual Impairment

(3 points)

Specifically how did **each** of the “goggles” alter you ability to perceive color, shape, depth and peripheral vision? Did the general illumination of various rooms and area affect any of the visual perceptions listed above? What affect did each of the “goggles” have on your ability to perceive signage and your ability to travel up and down the stairs?
(hint: answer all questions for each of the 3 goggles)

3. Wheelchair Reach Ranges

(2 points)

While seated in the wheelchair using the “forward approach” what is your reach range (both high and low) for objects located on a wall immediately in front of you? What is your reach range for those same objects using the “side approach”?
(hint: 4 measurements are required)

4. Wheelchair Maneuvering Clearances at Doors

(3 points)

Specifically how did your experience of entering the front doors at IDI differ from your experience of leaving through the same doors? Specifically why did the experience differ? Were you able to enter and exit unassisted? Or did you require assistance? Were you able to enter and exit the first floor restroom(s) easily? Did you find the maneuvering clearances on each side of the restroom door adequate?
(hint: answer each question)