

Group Names _____ Date _____

ACCESSIBILITY SIMULATION EXERCISES - Everyday Tasks

ACTIVITY #1: Using a Wheelchair

Before you start, what do you predict will be the most difficult aspects of dealing with this disability?

Take turns trying the following tasks using the wheelchair:

- a. Tie your shoes.
- b. Go to the first floor of the Engineering Building.
- c. Use the bathroom on the first floor of the Engineering Building.
- d. Buy something (or at least pretend to buy something) from the vending machines in the Engineering Building.
- e. Go to the library and retrieve a book off the highest shelf.
- f. Simulate going through line at the cafeteria (don't stay for lunch!).
- g. Come back to the studio.
- h. Climb into the kayak without using your legs.

What actually were the most difficult aspects of dealing with this disability?

How did it feel dealing with this disability?

What kinds of things did you have to do to "accommodate" this disability?

What specific issues might someone with this type of disability encounter?

ACCESSIBILITY SIMULATION EXERCISES - Everyday Tasks

ACTIVITY #2: Using a Walker (choose a leg to bear all your weight as you use the walker)

Before you start, what do you predict will be the most difficult aspects of dealing with this disability?

Take turns as the group moves through the following tasks using the walker:

- a. Tie your shoes.
- b. Go to the first floor of the Engineering Building.
- c. Use the bathroom on the first floor of the Engineering Building.
- d. Buy something (or at least pretend to buy something) from the vending machines in the Engineering Building.
- e. Go to the library and retrieve a book off the highest shelf.
- f. Simulate going through line at the cafeteria (don't stay for lunch!).
- g. Come back to the studio.
- h. Climb into the kayak without bending your knees.

What actually were the most difficult aspects of dealing with this disability?

How did it feel dealing with this disability?

What kinds of things did you have to do to "accommodate" this disability?

What specific issues might someone with this type of disability encounter?

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ACTIVITY #3: Visual Impairment

Before you start, what do you predict will be the most difficult aspects of dealing with this disability?

Please read over the instructions in the Low Vision Simulation kits before starting the exercises. Move through the following tasks using the Low Vision Simulator Kit. For safety, have half the group use the kit while the other half monitors and then switch if desired:

- a. Shake hands with your group members.
- b. Go to the first floor of the Engineering Building and locate room 106.
- c. Buy something (or at least pretend to buy something) from the vending machines in the Engineering Building.
- d. Use the water fountain on the first floor of the Engineering Building.
- e. Come back to the studio.
- f. Make a list of your group members' names on a piece of paper.
- g. Locate the LTU website using a smart phone and try to navigate within the site.
- h. Also try (g) using a laptop computer.

What actually were the most difficult aspects of dealing with this disability?

How did it feel dealing with this disability?

What kinds of things did you have to do to "accommodate" this disability?

What specific issues might someone with this type of disability encounter?

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ACTIVITY #4: Dexterity Impairment - Place braces on both hands

Before you start, what do you predict will be the most difficult aspects of dealing with this disability?

Move through the following tasks using the braces on both hands:

- a. Shake hands with your group members.
- b. Paper clip a stack of papers.
- c. Unscrew the lid of water bottle and pour water into a cup.
- d. Use a knife and fork to cut food.
- e. Toss the Nerf football to a classmate (make sure they are aware that you are throwing to them!)
- f. Try to catch a pass thrown by your classmate.
- g. Get in the kayak, grip the kayak paddle and try to row.
- h. Grip and swing a ping pong paddle.

What actually were the most difficult aspects of dealing with this disability?

How did it feel dealing with this disability?

What kinds of things did you have to do to “accommodate” this disability?

What specific issues might someone with this type of disability encounter?

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ACTIVITY #5: Hearing Impairment

Before you start, what do you predict will be the most difficult aspects of dealing with this disability?

Complete the following:

- a. In pairs, complete the Lip Reading exercises given in the handout (15-20 minutes).
- b. Go to <http://www.hearinglikeme.com/hearing-loss-simulator/> and <http://www.starkey.com/hearing-loss-simulator>. Try out the various simulations (10-15 minutes).

What actually were the most difficult aspects of dealing with this disability?

How did it feel dealing with this disability?

What kinds of things did you have to do to “accommodate” this disability?

What specific issues might someone with this type of disability encounter?

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ACTIVITY #6: Autism (This simulation is best with 5 participants)

Before you start, what do you predict will be the most difficult aspects of dealing with this disability?

Complete the following activities:

- a. Complete the autism simulation as described in the handout (15-20 minutes).
- b. Go to <http://mashable.com/2014/04/23/autism-simulations/#HdaKGRprhuqb> and experience the simulations shown there.

What actually were the most difficult aspects of dealing with this disability?

How did it feel dealing with this disability?

What kinds of things did you have to do to “accommodate” this disability?

What specific issues might someone with this type of disability encounter?