## Immersive Design – Task Simulation Exercises and a state of the state

IDT-100 Introduction to Industrial Design Fall 2013

## Vision Impairment Simulation Task Series - Shop Usage

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	Put on the vi light. Record	100000000000000000000000000000000000000		The same of the sa	703 <del>-0</del> 00		and the second				led Ray
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How easy w	as it to locat	e the flash	ight?								
Very easy 1	2 3 4	(5) Very	difficult								
	e 7/16" sized					146	e Dosytyja yes	w (T) s			
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It i	is better	to Ji	wye	Size o	mu te	est ·	tit the	L wre	rches	to t	le
How easy w	as it to find	the correct	wrench?								
Very easy 1	2 3 4	5 Very	difficult								
3. Use the	e 7/16" wren	ch to tighte	en the pro	vided bolt	into the	provide	d block of	wood.			
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Someone	مال	whs	with	wrench			wouldn		и	as mu	ch
How easy w	as it to tight	en the bolt	?								
Very easy 1	2 3 4	5 Very	difficult								
10 2											
(over)											

## Arthritis Simulation Task Series – Around the Home Usage

Directions: Put on the arthritis simulation gloves and perform the following tasks with all three provided flashlights. Record your observations and discoveries. Add pages if you need more room for notes.

Tighten the pipe fitting with the pipe wrench.

Flashlight #1	inclest	diameter)
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Difficult to pick up because of how Small. Joints must bend alot. button on buch is difficult to push with on hand needs two.

How easy was it to pick up the flashlight?

Very easy 1 2 3 4 (5) Very difficult

How easy was it to turn on the flashlight?

How easy was it to tighten the pipe fitting?

Very easy 1 2 3 4 Very difficult

Flashlight #2 (Largest dia metra)

Ensiest to use. Large cylindric, diameter did not strain the hand hear as much as the others.

Among to turn on. Thist man't to hard but still took effort.

How easy was it to pick up the flashlight?

Very easy 1 2 3 4 5 Very difficult

How easy was it to turn on the flashlight?

Very easy (2) 3 4 5 Very difficult

How easy was it to tighten the pipe fitting?

Very easy 1 2 3 4 5 Very difficult

Flashlight #3 (medium dinneter)

Very difficult to turn on, power Smitch, was small and in a recessed area. Buly shape was awhurd and strained the hand.

How easy was it to pick up the flashlight?

Very easy 1 2 (4) 5 Very difficult

How easy was it to turn on the flashlight?

Very easy 1 2 3 4 (5) Very difficult

How easy was it to tighten the pipe fitting?

Very easy 1 2 3 4 5 Very difficult

## Night Vision Task Series – Navigate the Obstacle Course

Directions: Perform the following tasks with and without the provided flashlight. Record your observations and discoveries. Add pages if you need more room for notes.

Using the provided timer, navigate the obstacle course from the front of the room to the back WITHOUT the flashlight.

Had to look at the floor. difficult to make out boxes but possible. had to be careful, old non (Garl) had more trouble than is younger people had.

How long did it take to complete the course?  $\xi$ , 5

How easy was it to navigate the course?

Very easy 1 2 3 (4) 5 Very difficult

1. Using the provided timer, navigate the obstacle course from the back of the room to the front WITH the flashlight.

that to look at the floor. Made seeing boxes easier didn't have to be that careful.

How long did it take to complete the course? 7.8

How easy was it to navigate the course?

Very easy 1 ② 3 4 5 Very difficult