**Chapter 3 Assignment: Sensation & Perception--*Crash Course Psychology* #5, 6, 7**

**PSY 110: Lycke**

Watch *Crash Course Psychology* video episodes 5, 6, and 7 and respond to each part of the prompts below on separate paper. Write or type in complete sentences. Number your responses and edit them for correct grammar and punctuation. If you type, please use a 12-point font and double space. Use your textbook to help you elaborate. (Remember, you can stop and start the video, rewind, and rewatch. A video is a text and a tool for you to use skillfully.) Check the rubric to remind yourself about how you will be graded.

Underline, highlight, or **bold** any and all technical terms you use in your responses.

Episode #5

1. Briefly describe the disorder **prosopagnosia** that Oliver Sacks had. How does it affect the person who experiences it? What part of the brain is affected? Look online and see if you can learn any more about prosopagnosia. What are a few interesting facts that the video doesn’t mention?
2. There’s a lot to sense in the world, and not every animal needs to sense all the same sensory input. Define **absolute threshold** of sensation. Why do we have **sensory adaptation**? Give an example of sensory adaptation in your own life (don’t use Hank’s wallet example).
3. Compare this to **subliminal perception** (not described in the video). Look up an advertisement on the internet that is said to have subliminal messages. (Some are kind of racy, so be warned!) Describe the ad and explain whether you believe subliminal suggestion in advertising works or not. Use the discussion of conscious processing and signal detection theory in the text and video to support your answer.
4. Draw a picture of how the eye and brain transform light waves into meaningful information. (If you are typing, draw on paper.) Label the parts of the eye and brain that are involved. You could combine the illustrations at 6:16, 8:32, and 9:03 on the episode #5 video.
5. Define **parallel processing**, and give an example of how you use it in your daily life.

Episode #6

1. Describe the basic process of hearing (the **auditory** system) in your own words. Include at least 5 of the key parts of the ear that help you perceive sound in your description (underline the names of the structures).
2. Try out the sensory interaction between **gustation** and **olfaction**. Taste some bacon or salsa or pizza (or anything you like) with your nose plugged *and* with it unplugged. Describe the experience using at least 4 of the key parts of your gustatory and olfactory systems.
3. Briefly summarize **somasthesis**, or the 20 square feet of sensation called touch. Discuss the 3 (or 4, according to the video) sensations we have on our skin.
4. What are your **kinesthesis** and **vestibular** senses? Give an example of how you use them in your daily life.

Episode #7

1. Choose 2 kinds of **perception** in our **perceptual set** discussed in the textbook and/or video and explain how they work. For example, you could talk about specific **visual illusions, form perception, Gestalt principles, depth perception, motion perception**, or any other kinds of perception discussed. Use at least 3 technical psychological terms to explain each kind of perception you are describing.