Chapter 6

Sensation and Perception

Our Sensational Senses

* The **sense receptors**, cells located in the sense organs. The receptors for smell, pressure, pain, and temperature are extensions of sensory neurons. The receptors for vision, hearing, and taste are specialized cells separated from sensory neurons by synapses
* The **doctrine of specific nerve energies** defined different sensory modalities (such as vision and hearing) exist because signals reveived by the sense organs stimulate different nerve pathways leading to different areas of the brain.
* **Synesthesia** is the stimulation of one sense also consistently evokes a sensation in another.
* The **absolute threshold** is the smallest amount of energy that a person can detect reliably.

Vision

* **Hue** the distance between the crests of a light wave
* **Brightness** is the dimension of visual experience related to the amount , or intensity, of the light and object emits or reflects.
* **Saturation** is the dimension of visual experience related to the complexity of light- that is, to how wide or narrow the range of wavelengths is.