Review of Week 7

COGS1 – Fall 2018
Quiz G will be in section week 9 :-)

EC-QUIZ

Review of Week 7
COG31 – Fall 2018

Dr. Guo (11/27)
UX/UI Careers

Dr. Hollan (11/29)
A Glimpse of Human Computer Interaction

9
Nov 27 – 29
How I Got Into UX: 5 Pros Share Their Path.

*Activity Enriched Computing: Capturing and Mining Histories (*EC-Prereading quiz on TritonEd: Wednesday, November 28 @ 4pm – Tuesday, November 29 @ 9am)

Quiz G in section
Next week: Midterm 3 – December 6th in class- scantron provided 😊
EC-Pre-reading online quiz for week 9

EC-Pre-reading online quiz for Thursday’s reading (Dr. Hollan’s lecture) will be available from Wednesday from 4:00p through Thursday 9:00a.
What is the main psychoactive ingredient of marijuana? Why does it have a psychoactive effect?

Know the functions of different brain areas discussed in class and how marijuana can affect them.

What are the three types of implicit learning discussed in lecture? What properties does each of them have?

What is the cellular modification theory? How does it explain how synaptic efficiency can change?

What are endocannabinoids? How do they affect communication between neurons?
Understand the function that each of the following type of cells has
- Place cells
- Grid cells
- Head direction cells
- Goal direction cells
- “Axis-tuned” neurons

Who discovered place cells? Who discovered grid cells? How are these researchers connected?

In what animals and what brain region have (i) place cells, (ii) grid cells, and (iii) goal direction cells been found by researchers?

What are the ways of how sense of location and memory are related that the readings mention?