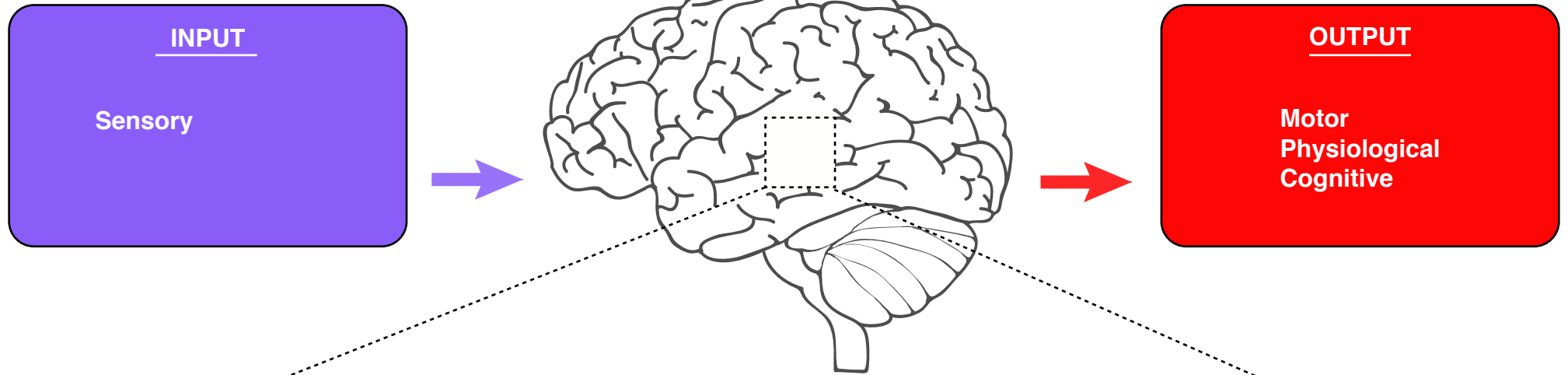


# BMS 325 :INTRODUCTION TO CELLULAR NEUROBIOLOGY



## Membrane Potential

(Hoerndli:Jan 23-Feb 13)

### Key concepts:

Capacitance  
Conductance  
Ions  
Electrochemical  
Gradient  
Resting Membrane  
Potential  
Nernst equation  
Action Potential

Exam 1 = 100pts  
(Feb 13)

## Neuronal Excitation

(Hoerndli:Feb 15-Mar 08)

### Key concepts:

Voltage Clamp  
Ion Channels  
Ion Transporters  
Neuronal Activity  
Manipulating neuron  
activity

Exam 2 = 100pts  
(Mar 08)

## Neuronal Transmission

(FH-Myers:Mar 11-Apr 08)

### Key concepts:

Synaptic structure  
Synaptic Vesicle  
Cycle  
Neurotransmitters  
Neurotransmitters  
Receptors  
Synaptic Integration  
G-protein Coupled  
Receptors  
Modulation of Synaptic  
Function

Exam 3 = 100pts  
(Apr 08)

## Sensory Systems

(Myers:Apr 10-Apr 29)

### Key concepts:

Somatosensory  
Visual System  
Auditory System  
Vestibular System  
Olfactory System  
Chemical Senses

Exam 4 = 100pts  
(Apr 29)

## Neuronal Systems

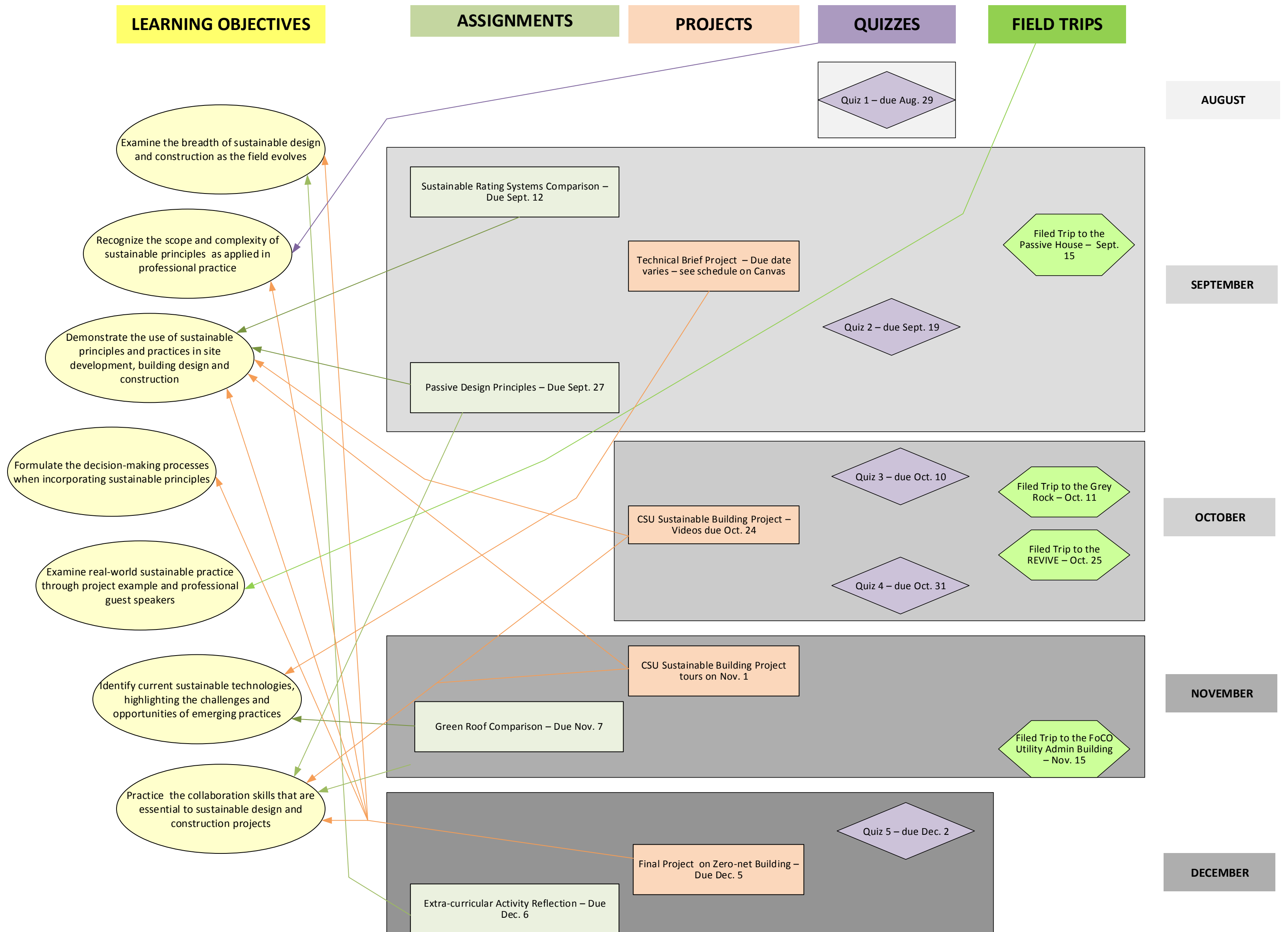
(Myers:May 01-May15)

### Key concepts:

Basic Motor networks  
Basics Physiological  
Networks  
Basics Cognitive  
networks

Finals = 100pts  
(May 15)

# CON 476 Sustainable Practices in Design and Construction



# Visual Rhetoric

