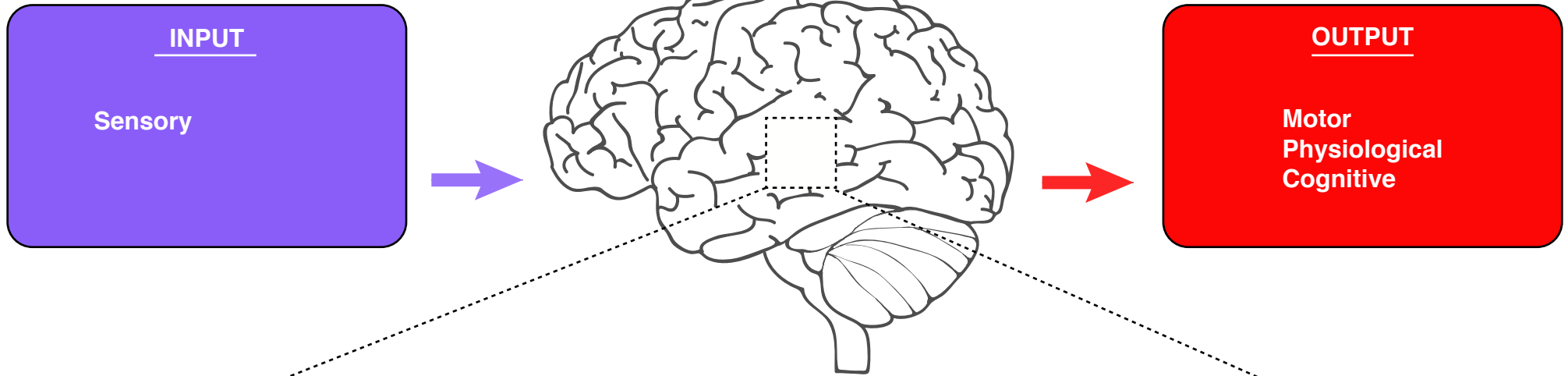


BMS 325 :INTRODUCTION TO CELLULAR NEUROBIOLOGY



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

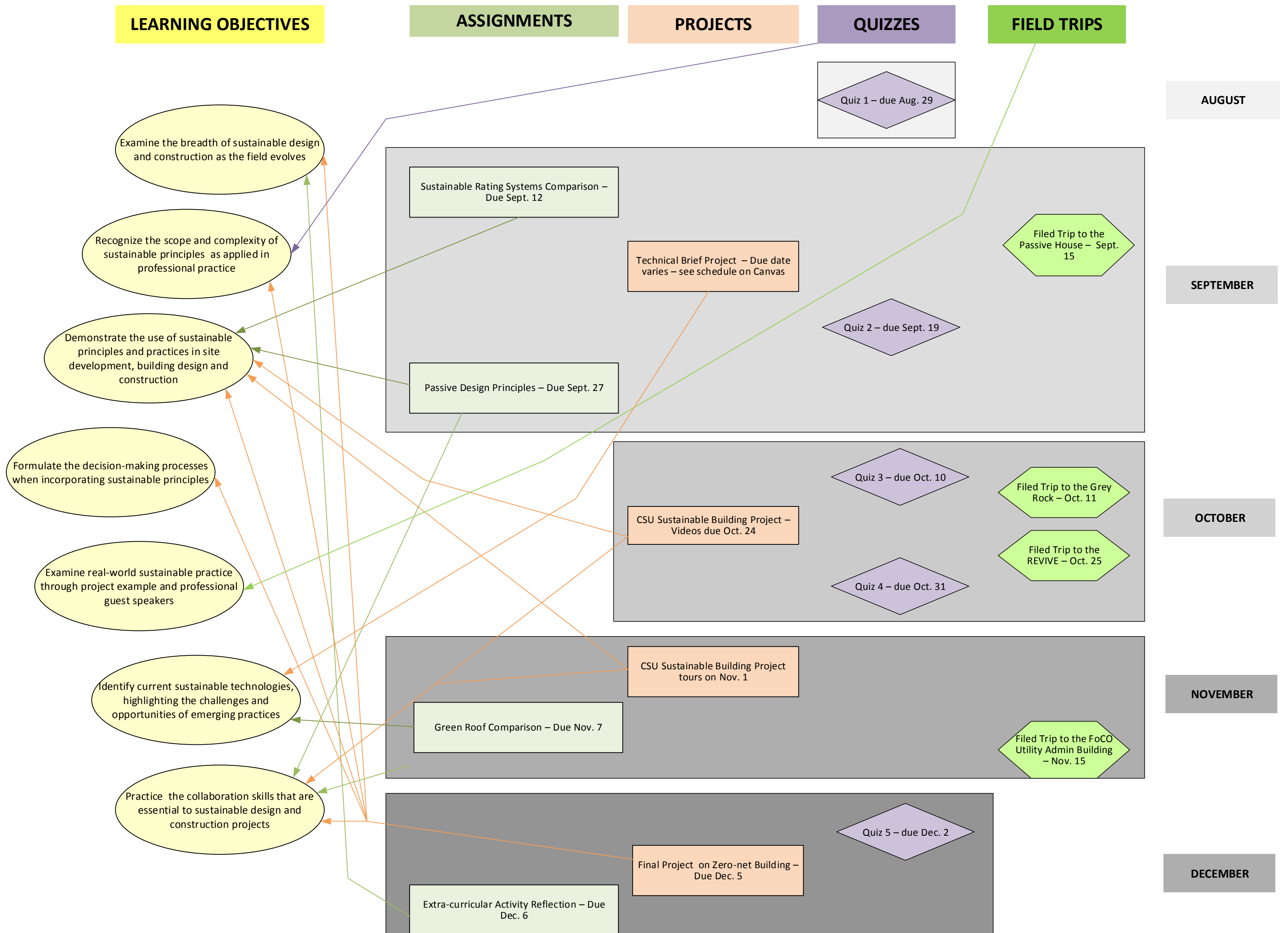
(Myers:May 01-May15)

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

