

NRO69H3
Course Outline

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Office Hours: Monday 1:00-3:00 pm (tentative)

- Sept. 10. Organizational principles of the mammalian CNS
- Sept. 17. The ionic basis of the action potential and synaptic potentials
- Sept. 24. Synaptic integration and neuronal firing properties
- Oct. 1. Techniques for measuring synaptic activity
- Oct. 15. The cerebellum
- Oct. 22. Term test 1 (30%)
- Oct. 29. The basal ganglia
- Nov. 5. The hippocampus
- Nov. 12. Synaptic plasticity and learning
- Nov. 17. Term test 2 (30%)
- Nov. 24. The thalamus and sensory gating
- Dec 3. Extrasynaptic receptors and volume transmission
The neocortex and cortical plasticity