**Syllabus – NS1038**

**January**

       7              Introduction

       9              Section A. Thirst and Fluid Intake. Background

     14              A1. hypovolemia = SE

     16              A2. osmotic dilution = SI

     21              A3. NaCl appetite

     23              A4. swallowing = SI

     28              A5. arterial hypertension = SI

     30              A6. arterial hypotension =/= SE

**February**

       4              lecture: central control of thirst and fluid intake

       6              Exam #1

     11              Section B. Hunger and Food Intake. Background

     13              B1. postgastric satiety signal

     18              B2. CCK = satiety hormone

     20              B3. CCK = satiety hormone - 2

     25              B4. CCK = satiety hormone - 3

     27              B5. postgastric satiety signal [adipose tissue]

**March**

       3              B6. postgastric satiety signal [liver]

       5              lecture: central control of hunger and food intake

     *10,12  [no class]*

     17              Exam #2

     19              Section C. Lateral Hypothalamic Syndrome. Background

     24              C2. DA-depleting brain lesions

     26              C1. LH lesions: sensory neglect

     31              C3. DA-depleting brain lesions - 2

**April**

2               C4. LH lesions: residual deficits

       7               C5. LH syndrome: residual deficits - 2

       9               C6. LH syndrome: residual deficits - 3

     14               lecture: synaptic homeostasis

     16               Exam #3