WEEK 1

Day 1: INTRODUCTIONS

• Overall Objective: Introduce one another to the science of psychology
• Specific Objectives:
  o Introduce the class to one another and to the class structure
  o Outline the types of explanations (Tinbergen’s Levels of Analysis)
  o Introduce the 7 points of psychology
  o Introduce students to reading psychological studies
• Activities
  o Seat and name tag activity (obj. 1)
  o Warm-up activity: behavioral origins (obj. 2)
  o Lecture, 7 points of psychology (obj. 3)
• Readings
  o Psychological Science, p. 10-15, 21-23, and 26-28
  o One Study from 40 Studies book (student’s choice; obj. 4)
• Study Session:
  o Continue Readings
  o Complete 40 Studies Study Evaluation Form
  o Discuss study read in 40 Studies book

Day 2: RESEARCH METHODOLOGY

• Overall Objective: Introduce students to research methods in psychology
• Specific Objectives:
  o Introduce students to the scientific method and scientific explanations
Introduce students to the types of psychological research

- Introduce students to the components of an experiment (e.g. variables, hypotheses, etc)

**Activities**
- Warm-up activity: The not-so-great debate (obj. 1)
- Research methodology skits (ob. 1-3)
- Research methodology lecture (obj. 1-3)
- Alternative explanations activity (obj. 1)

**Readings**
- *Psychological Science*, p. 33-73
- One Study from *40 Studies* book (student’s choice)

**Assignments**
- Read a study from *40 Studies* book (in pairs), and fill out Study Evaluation Form

**Study Session:**
- Students come up with an experiment they can perform while at CTY

**Day 3: Biological Foundations**

- Overall Objective: Introduce students to the biological foundations of psychology
- Specific Objectives:
  - Define “genes” and “genetic influence”
  - Identify how genes interact with environment to influence behavior
  - Identify basic neural structures
  - Identify neuron types
  - Understand communication between neurons
- Activities
  - Warm-up activity: “I think, therefore I am both genetic and environmental” (obj. 1, 2)
• Biological bases lecture and discussion of reading (obj. 3-5)
  • Readings
    o *Psychological Science*, p. 77-87, 90-103
  • Study Session:
    o Reading: *Psychological Science*, p. 120-123
    o Activity: Neuron skit (obj. 3-5)

**Day 4: Mental Disorders**

• Overall Objective: Introduce students to symptoms of mental disorders

• Specific Objectives:
  o Introduce students to the classification of mental disorders
  o Gain an understanding of various psychological diagnoses

• Activities
  o Perform neuron skit for instructor, practiced and learned in last night’s study section
  o Warm-up activity: Jukebox culture
  o 40 studies discussion (from pairings on Tuesday)
  o Mental Disorder 20-questions (obj. 1-2)

• Readings
  o *Psychological Science*, p. 617-654

• Study Session:
  o Assignment: Critical Thinking Worksheets (3.1a and 3.1b)
  o Activities
    - Mental Disorder Charades (obj. 1-2)
    - Design an experiment
Day 5: THE MIND AND CONSCIOUSNESS

- Overall Objective: Understanding of how the brain is related to consciousness
- Specific Objectives:
  - Introduce students to different states of consciousness
  - Discuss how thinking, consciousness, and the mind are related
  - Discuss the stages of sleep in relation to consciousness
  - Review course material to date
  - Have each student choose and research a topic to become an “expert” on.
- Activities
  - Dream journal (obj. 3)
  - Pop Quiz Jeopardy (all class material up to this point) (obj. 4)
  - Lecture: The mind and consciousness (obj. 1-3)
  - Psychology Expert Assignment (reading and computer lab) (obj. 5)
- Readings
  - *Psychological Science*, p. 133-148 (obj. 1-3)
- Study Session (Sunday):
  - Warm-up activity: Define consciousness, discuss animals and consciousness
  - Reading: articles printed in computer lab on their “expert” topic
  - Reading: Chapter 5 (in preparation for tomorrow)
Week 2

Day 6: Sensation and Perception

- Overall Objective: Understanding of how senses are related to our perception of the world
- Specific Objectives:
  - Learn about the brain and perception
  - Learn about the senses (e.g. taste, sight, etc)
  - Learn about perception’s effects on the senses
- Activities
  - Split-brain shoe-tying activity (obj. 1)
  - Pop quiz jeopardy, chapter 5 (obj. 1-3)
  - Supertaster activity (obj. 2)
  - Taste-test activity and write-up (obj. 3)
- Readings
  - Complete reading of chapter 5 (obj. 1-3)
- Study Session:
  - Warm-up activity #11: Research Expert Proposal
  - Psychology Taboo: make cards
  - Psychology Taboo: teams play against one another

Day 7: Sensation and Perception, Continued; Experiments

- Overall Objectives: Understanding of how senses are related to our perception of the world; To plan and perform a psychology experiment
- Specific Objectives:
- Learn about the brain and perception
- Learn about the senses (e.g. taste, sight, etc)
- Learn about perception’s effects on the senses
- Learn about perception’s effect on how we function in the world
- Relate perception to our species’ evolutionary development
- Plan and perform team experiments

- Activities
  - Discussion of what “perception” means (obj. 1, 3-5)
  - Alien-drawing activity: what makes a creature threatening? (obj. 3-4)
  - Lecture, sensation and perception (obj. 1-5)
  - Sound clap activity (obj. 1-4)
  - Hole-in-hand activity (obj. 1-4)
  - Experiment planning: students plan experiments (obj. 6)
    - Ice-cream experiment (1/2 of class)
    - Taste-test experiment (1/2 of class)

- Readings
  - 40 Studies: Pigeons and Superstition (preparation for tomorrow’s topic)

- Study Session:
  - Psychology and the News video clips and discussions

**Day 8: LEARNING**

- Overall Objective: To understand how behaviors are learned
- Specific Objectives:
  - Discuss what “learning” is, and how it effects behavior
  - Understand classical conditioning’s role in learning
  - Understand operant conditioning’s role in learning
  - Perform experiments planned yesterday
**Activities**
- Warm-up: Blank Slate vs. Biological Preparedness (obj. 1)
- Continue Psychology Expert write-up of proposal
- Lecture: Learning (obj. 1-3)
- Pupil Conditioning activity (obj. 2-3)

**Readings**
- Read one study from 40 Studies
- Psychological Science, Ch. 6

**Study Session:**
- Write-up and discussion of Pupil Conditioning activity
- Read chapter 6

**Day 9: LEARNING**

**Overall Objective:** To understand how behaviors are learned

**Specific Objectives:**
- Discuss what “learning” is, and how it effects behavior
- Understand classical conditioning’s role in learning
- Understand operant conditioning’s role in learning

**Activities**
- Warm-up: Memory and Emotion
- 40 Studies write-ups
- Learning schedules discussion (obj. 1-3)
- Begin film: Phoebe in Wonderland

**Readings**
Day 10: ATTENTION AND MEMORY

- Overall Objective: Understand how attention and memory are related, how memory works
- Specific Objectives:
  - To learn how the memory works
  - Learn various techniques for helping us to remember things
  - Learn about false memories and eyewitness testimony
- Activities
  - Warm-up: pros and cons of learning schedules
  - Memory exercises (obj. 1-3)
  - Discussion: schemas, memory, and learning
- Readings
  - 40 Studies, memory
  - Psychological Science, Chapter 7
- Study Session (Sunday):
  - Watch documentary: Lost Boys of Sudan
  - Discuss how the Lost Boys’ schemas were formed, changed, effected their lives, and how they compare to our own schemas.
WEEK 3

Day 11: THINKING AND INTELLIGENCE

- Overall Objective: To learn what thinking is and how it relates to intelligence

- Specific Objectives:
  - Discuss what thinking is
  - Discuss what intelligence is
  - Explore the relationship between thinking and intelligence

- Activities
  - Warm-up: Other-race eyewitness
  - Pop quiz jeopardy: memory
  - Video: OCD Project
  - Discussion: Thinking and Intelligence (obj. 1-3)

- Readings
  - Psychological Science, continue Ch. 7
  - Psychological Science, Chapter 8

- Study Session:
  - Reading
  - Generate hypotheses for a proposal on Research Expert topic

Day 12: MOTIVATION AND EMOTION

- Overall Objective: Understand what motivation is, and how it relates to emotion

- Specific Objectives:
Learn what motivation is, drives that motivate our behaviors
Learn what emotion is
Learn how motivation are emotion are related

Activities
Warm-up: Representative Heuristic
Hierarchy of Needs activity and discussion (obj. 1-3)
Motivation and emotion lecture (obj. 1-3)

Readings
Psychological Science, Chapter 9

Study Session:
Continue movie: OCD Project
Discuss OCD Project

**Day 13: Human Development; Social Psychology**

Overall Objectives:
To learn how we develop psychologically during childhood and infancy
To learn the basic concepts of social psychology

Specific Objectives:
To learn about the major studies that were a part of social psychology
To learn about basic psychological development

Activities
Lecture and discussion on both topics (obj. 1-2)
Design a social psychology experiment, and implement at lunch (obj. 2)
Lecture, mental disorders

Readings
• Psychological Science, Chapters 11-12
  • Social psychology experiments in 40 Studies (Milgram, Zimbardo)

• Study Session:
  • Read text chapter 13
  • Jeopardy review

• Personality

• Overall Objective: To discuss major aspects of personality

• Specific Objectives:
  • To learn about components of personality
  • To review for post-test

• Activities
  • Q-sort activity and discussion (obj. 1)
  • Post-test
    • Personality discussion

• Readings
  • Psychological Science, Chapter 13

Day 14: FAREWELLS

• Overall Objective: Students wrap up the session and say farewell to one another

• Activities:
  • Movie: