

Psychology (PSYC 1030)

Introduction to Psychology: History and Approaches INT

- a** Define psychology and explain its usefulness in today's world. INT1A
- b** Recognize crucial historical figures, foci, and periods in psychology's history. INT1B
- c** Identify psychology's contemporary foci. INT 1C
- d** List academic and non-academic career options available to psychologists. INT 1D

Research RES

- a** Explain the difference between evidence-based scientific research and intuition/anecdotal experience. RES 2A
- b** Identify and distinguish between the style of the scientific method in written accounts of research studies. RES 2B
- c** Identify and explain the major research designs and approaches in the field of psychology. RES 2C
- d** Evaluate a research scenario to determine if a potential ethical conflict exists. RES 2D
- e** Identify and contrast the variable in experiments, such as independent, dependent, and confounding variables. RES 2E
- f** Define and explain important terminology such as hypothesis, research question, causality, reliability, and validity. RES 2F

Brain Physiology and Function BRA

- a** Describe how genetics and other biological factors influence human behavior. BRA 3A
- b** List features and functions of central and peripheral nervous system, including somatic, autonomic, sympathetic, parasympathetic systems. BRA 3B
- c** Identify components of brain communication and their functions including neurons and neurotransmitters. BRA 3C
- d** Identify regions and functions of different areas of the brain including the spinal cord, hindbrain, midbrain, forebrain, and hemispheres. BRA 3D
- e** Describe neuroimaging techniques used to study the brain, including EEG, MRI, fMRI, and PET BRA 3E

Human Development HUM

- a** Differentiate between heredity and environmental factors that influence development. HUM 4A
- b** Compare and contrast the research designs used in developmental psychology. HUM 4B
- c** Identify factors that impact prenatal development. HUM 4C
- d** Summarize and explain the physical, cognitive, and social development during infancy. HUM 4D
- e** Summarize and explain the physical, cognitive, and social development during childhood. HUM 4E
- f** Summarize and explain the physical, cognitive, and social development during adolescence. HUM 4F
- g** Summarize and explain the physical, cognitive, and social development during adulthood. HUM 4G

Sensation and Perception SEN

- a** Compare and contrast the processes of sensation and perception and elaborate on how they interact. SEN 5A
- b** Describe the visual, sensory, and auditory systems. SEN 5B
- c** Describe perceptual illusions and the nature of attention. SEN 5C
- d** Explain Gestalt's principles of perception. SEN 5D
- e** Explain how experiences and expectations influence perception. SEN 5E

Memory MEM

- a** Distinguish between sensory, short term and long-term memories MEM 6A
- b** Describe the information-processing (three-stage) memory model including the duration and capacity of each stage. MEM 6B
- c** Discuss theories of forgetting and explanations of memory failure MEM 6C
- d** Identify the role of specific structures and areas of the brain in forming and storing memory. MEM 6C
- e** Describe strategies for improving memory. MEM 6E

Consciousness CON

- a** Define consciousness and identify, compare, and contrast states of consciousness, including wakefulness, sleep, intoxication, hypnosis, and meditation. CON 7A
- b** Describe the role and interaction of the environment, body, and brain as they contribute to sleep onset, progression, and waking. CON 7B

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- c** Identify, compare, and contrast the role and function of sleep and dreams from different psychological perspectives (evolutionary, psychodynamic, cognitive, and neuroscience.) **CON 7C**
 - d** Distinguish between sleep deprivation, sleep problems, sleep disorders as well as interventions and treatments. **CON 7D**
 - e** Explain how each drug category produces specific effects and recognize symptoms of substance use disorder. **CON 7E**
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Cognition and Intelligence **COG**

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- a** Identify and explain the function of cognition and the process of concept formation, including prototypes and schemata **COG 8A**
 - b** Identify, compare, and contrast theories of intelligence, including Sternberg, Gardner, and Spearman. **COG 8B**
 - c** Analyze and explain the role of language in cognition, including semantics, the Sapir-Whorf hypothesis, and concept formation **COG 8C**
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Psychological Disorders **PSY**

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- a** Distinguish between atypical thoughts, feelings, and behaviors and a psychological disorder. **PSY 9A**
 - b** Define the concept of comorbidity and how it impacts diagnosis. **PSY 9B**
 - c** Identify the major categories of disorders according to the DSM-5. **PSY 9C**
 - d** Describe perspectives on the origin of psychological disorders. **PSY 9D**
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Therapy and Treatment **THE**

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- a** Demonstrate an understanding of therapeutic approaches and commonly used techniques including cognitive, behavioral, psychodynamic, and client-centered therapies. **THE 10A**
 - b** Define the various modalities of treatment. **THE 10B**
 - c** Describe mental health treatment throughout history. **THE 10C**
 - d** Demonstrate an understanding of effective pairings between therapeutic approaches and commonly seen diagnoses. **THE 10D**
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Social Psychology **SOC**

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- a** Recognize and apply social psychology constructs in one's own life experiences, including attribution, conformity, group dynamics, obedience, aggression, prejudice, attraction, and helping behavior. **SOC 11A**
 - b** Demonstrate knowledge of the scientific nature of the study of social psychology. **SOC 11B**
 - c** Demonstrate an understanding of foundational studies such as Milgram's, Asch's, and Zimbardo's. **SOC 11C**
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Motivation and Emotion MOT

- a** Distinguish between intrinsic and extrinsic sources of motivation. MOT 12A
- b** Identify and describe the levels of Maslow's hierarchy of needs and give examples of each. MOT 12B
- c** Describe how motivation influences eating and sexual behavior. MOT 12C
- g** Describe the main differences between emotions and moods. MOT 12G
- h** Distinguish between the 3 components of emotion: physiological arousal, psychological arousal, and subjective experiences. MOT 12H

Health Psychology HEA

- a** Trace the history of research findings and methods in the study of stress and health. HEA 13A
- b** Distinguish between distress and eustress with respect to healthy and unhealthy physical, emotional, and behavioral outcomes and responses to events. HEA 13B
- c** Discuss contributions of positive psychology to our understanding of happiness, life-satisfaction, and wellbeing. HEA 13C

Learning LEA

- a** Describe, compare, and contrast the general principles of classical conditioning, operant conditioning, and observational learning. LEA 14A
- b** Define the key terms of acquisition, extinction, instinct, latent learning, reflex, and shaping. LEA 14B
- c** Match examples of classical conditioning, operant conditioning, or social learning applied to everyday situations with the appropriate technique. LEA 14C
- d** Identify the key differences between reinforcement and punishment. LEA 14D
- e** Distinguish between the various reinforcement schedules (continuous, fixed-interval, fixed-ratio, variable interval, and variable-ratio). LEA 14E

Personality PER

- a** Compare and contrast the major theories in understanding personality. PER 15A
- b** Discuss how a theory interprets/explains personality or predicts behavior. PER 15B
- c** Identify similarities and differences in objective personality tests and projective personality tests. PER 15C