

I. Catalogue Description and Credit Hours of the Course:

An institute designed to prepare high school teachers to develop a curriculum that will prepare their students to take the Advanced Placement Psychology test and to introduce students to the systematic and scientific study of the behavior and mental processes of human beings and other animals. (3)

II. Prerequisites:

Participants must have a bachelor's degree in social studies (or a social studies related degree program) with course work in psychology, and Missouri teacher certification.

III. Objectives of the institute:

- A. To prepare high school social studies teachers to teach AP Psychology in their high schools
- B. To review and reinforce the concepts and terms related to the scientific study of behavior.
- C. To develop pedagogical strategies for teaching Psychology in the classroom

IV. Expectations of Students:

Participants are expected to attend all classes and field trips, participate in all activities, and complete all homework assignments, including a Psychology curriculum, course syllabus and outline for a course in their high schools.

V. Course Outline: AP Psychology

- A. History and Approaches.....2-4%
  - 1. Logic, Philosophy, and History of Science
  - 2. Approaches
    - a. Biological
    - b. Behavioral
    - c. Cognitive
    - d. Humanistic
    - e. Psychodynamic
    - f. Sociocultural
    - g. Evolutionary/Sociobiological
  
- B. Methods.....6-8%
  - 1. Experimental, Correlational, and Clinical Research
    - a. Correlational (e.g., observational, survey, clinical)
    - b. Experimental

2. Statistics	
a. Descriptive	
b. Inferential	
3. Ethics in Research	
C. Biological Bases of Behavior .....	8-10%
1. Physiological Techniques (e.g., imaging, surgical)	
2. Neuroanatomy	
3. Functional Organization of Nervous System	
4. Neural Transmission	
5. Endocrine System	
6. Genetics	
D. Sensation and Perception .....	7-9%
1. Thresholds	
2. Sensory Mechanisms	
3. Sensory Adaptation	
4. Attention	
5. Perceptual Processes	
E. States of Consciousness.....	2-4%
1. Sleep and Dreaming	
2. Hypnosis	
3. Psychoactive Drug Effects	
F. Learning.....	7-9%
1. Classical Conditioning	
2. Operant Conditioning	
3. Cognitive Processes in Learning	
4. Biological Factors	
5. Social Learning	
G. Cognition.....	8-10%
1. Memory	
2. Language	
3. Thinking	
4. Problem Solving and Creativity	
H. Motivation and Emotion .....	7-9%
1. Biological and Bases	
2. Theories of Motivation	
3. Hunger, Thirst, Sex, and Pain	
4. Social Motives	
5. Theories of Emotion	
6. Stress	

I. Developmental Psychology .....	7-9%
1. Life-Span Approach	
2. Research, Methods (e.g., longitudinal, cross-sectional)	
3. Heredity-Environment Issues	
4. Developmental Theories	
5. Dimensions of Development	
a. Physical	
b. Cognitive	
c. Social	
d. Moral	
6. Sex, Roles, Sex Differences	
J. Personality .....	6-8%
1. Personality Theories and Approaches	
2. Idiographic and Nomothetic Research	
3. Assessment Techniques	
4. Self-concept, Self-esteem	
5. Growth and Adjustment	
K. Testing and Individual Differences .....	5-7%
1. Standardization and Norms	
2. Reliability and Validity	
3. Types of Tests	
4. Ethics and Standards in Testing	
5. Intelligence	
6. Heredity/Environment and Intelligence	
7. Human Diversity	
L. Abnormal Psychology .....	7-9%
1. Definitions of Abnormality	
2. Theories of Psychopathology	
3. Diagnosis of Psychopathology	
4. Anxiety Disorders	
5. Mood Disorders	
6. Schizophrenic Disorders	
7. Organic Disorders	
8. Personality Disorders	
9. Dissociative Disorders	
M. Treatment of Psychological Disorders .....	5-7%
1. Treatment Approaches	
a. Insight Therapies	
Psychodynamic/Phenomenological Approaches	
b. Behavioral Approaches	
c. Cognitive Approaches	
d. Biological Approaches (Psychopharmacology/Psychosurgery)	

- 2. Modes of Therapy (e.g., individual, group)
  - 3. Community and Preventive Approaches
- N. Social Psychology .....7-9%
- 1. Group Dynamics
  - 2. Attribution Processes
  - 3. Interpersonal Perception
  - 4. Conformity, Compliance, Obedience
  - 5. Attitudes and Attitude Change
  - 6. Organizational Behavior
  - 7. Aggression/Antisocial Behavior

VI. Textbook:

Textbooks are provided by publishers for use in the institute and review by institute participants. The primary source text is the College Board 2004 AP Psychology Course Description. AP Psychology resources such as the examination and resource materials are also provided.

VII. Basis for Student Examination:

- 1. development of a course syllabus and course outline relevant to teaching a Psychology course in a participant's high school. (30%)
- 2. development of resource material and handouts for the course. (30%)
- 3. examination of and participation in the scoring of AP Psychology questions and the AP examination when available. (15%)
- 4. construction of sample questions for an AP Psychology examination (10%)
- 5. active participation in discussion. (15%)