

| Options EHS Psychology                |                             | Scope and Sequence                                                                                                                     |
|---------------------------------------|-----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Unit                                  | Lesson                      | Objectives                                                                                                                             |
| <b>Introduction to Psychology</b>     |                             |                                                                                                                                        |
|                                       | What Is Psychology?         |                                                                                                                                        |
|                                       |                             | Define psychology                                                                                                                      |
|                                       |                             | Explain how psychology qualifies as a science                                                                                          |
|                                       |                             | Compare and contrast the field of psychology to other social and physical sciences                                                     |
|                                       | Psychology's Early History  |                                                                                                                                        |
|                                       | Psychology's Modern History |                                                                                                                                        |
|                                       |                             | Identify contemporary perspectives psychologists use to study behavior and cognitive processes                                         |
|                                       |                             | Explain the factors that affect the influence of contemporary psychological perspectives                                               |
|                                       | Topic Test                  |                                                                                                                                        |
|                                       |                             | Complete a 25-question topic test                                                                                                      |
| <b>Psychological Research Methods</b> |                             |                                                                                                                                        |
|                                       | What Is Research?           |                                                                                                                                        |
|                                       |                             | List and explain the goals of psychological research                                                                                   |
|                                       |                             | Explain the steps of the scientific method used to guide psychological research                                                        |
|                                       | Experimental Design         |                                                                                                                                        |
|                                       |                             | Differentiate between types of variables used in experimental research and variables that can possibly interfere with research results |
|                                       |                             | Distinguish between the purposes of a control group and an experimental group in a research study                                      |
|                                       |                             | Describe various factors influencing the generalization of a research study                                                            |
|                                       | Descriptive Research        |                                                                                                                                        |

| Options EHS Psychology                     |                                        | Scope and Sequence                                                                              |
|--------------------------------------------|----------------------------------------|-------------------------------------------------------------------------------------------------|
| Unit                                       | Lesson                                 | Objectives                                                                                      |
|                                            |                                        | Explain various types of descriptive research methods                                           |
|                                            |                                        | Differentiate between qualitative and quantitative data                                         |
|                                            | Topic Test                             |                                                                                                 |
|                                            |                                        | Complete a 25-question topic test                                                               |
| <b>Statistics and Ethics in Psychology</b> |                                        |                                                                                                 |
|                                            | Descriptive and Inferential Statistics |                                                                                                 |
|                                            |                                        | Define statistics and examine various aspects of descriptive statistics                         |
|                                            |                                        | Describe hypothesis testing in inferential statistics                                           |
|                                            |                                        | Examine correlation and regression in inferential statistics                                    |
|                                            | Statistical Issues                     |                                                                                                 |
|                                            |                                        | Define and differentiate between reliability and validity                                       |
|                                            |                                        | Explain issues influencing statistical significance                                             |
|                                            |                                        | Examine benefits and limitations of using statistics to support psychological claims            |
|                                            | Ethical Research                       |                                                                                                 |
|                                            |                                        | Define ethics and relate ethics to the study of psychology                                      |
|                                            |                                        | Summarize the American Psychological Association's Ethical Guidelines for Research              |
|                                            |                                        | Describe current controversies involving ethical issues in psychology                           |
|                                            | Ethical Controversies                  |                                                                                                 |
|                                            |                                        | Identify historical examples of ethical controversies that contributed to current ethical codes |
|                                            |                                        | Explain ethical guidelines surrounding the use of data in regard to electronic tools            |
|                                            |                                        | Examine the status of ethical issues involving animal research                                  |
|                                            | Topic Test                             |                                                                                                 |

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| Unit                            | Lesson                    | Objectives                                                                          |
|                                 |                           | Complete a 25-question topic test                                                   |
| <b>Sensation and Perception</b> |                           |                                                                                     |
|                                 | Sensation                 |                                                                                     |
|                                 |                           | Define sensation and describe the study of psychophysics                            |
|                                 |                           | Identify how sensory systems detect and process sensory stimuli                     |
|                                 |                           | Identify the concepts of threshold, signal-detection theory, and sensory adaptation |
|                                 | Components of Perception  |                                                                                     |
|                                 |                           | Define perception and describe how sensation influences the process of perception   |
|                                 |                           | Identify various factors involved in perceiving information                         |
|                                 | Influences on Perception  |                                                                                     |
|                                 |                           | Describe Gestalt principles of perceptual organization                              |
|                                 |                           | Discuss how depth cues and perceptual constancies influence perception              |
|                                 |                           | Identify various influences on perception and perceptual change                     |
|                                 | Topic Test                |                                                                                     |
|                                 |                           | Complete a 25-question topic test                                                   |
| <b>States of Consciousness</b>  |                           |                                                                                     |
|                                 | Measures of Consciousness |                                                                                     |
|                                 |                           | Define consciousness and identify key features of consciousness                     |
|                                 |                           | Describe differing levels of consciousness from the psychodynamic viewpoint         |
|                                 | Sleep                     |                                                                                     |
|                                 |                           | Describe the sleep cycle and biological rhythms                                     |
|                                 |                           | Explain why people sleep                                                            |

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| Unit                                   | Lesson                        | Objectives                                                                                                                               |
|                                        |                               | Compare and contrast sleeping behavior between animals and humans                                                                        |
|                                        | Sleep Disorders               |                                                                                                                                          |
|                                        |                               | Explain the effects of sleep deprivation                                                                                                 |
|                                        |                               | Describe sleep disorders and their treatments                                                                                            |
|                                        |                               | Explain methods of getting a healthy amount of sleep                                                                                     |
|                                        | Dreams                        |                                                                                                                                          |
|                                        |                               | Define dreaming as a biological and psychological construct                                                                              |
|                                        |                               | Compare different theories about the significance of dreams                                                                              |
|                                        |                               | Explore the significance of dreams in a variety of cultures                                                                              |
|                                        |                               | Conduct short and sustained research projects based on focused questions, demonstrating understanding of the subject under investigation |
|                                        | Topic Test                    |                                                                                                                                          |
|                                        |                               | Complete a 25-question topic test                                                                                                        |
| <b>Altered States of Consciousness</b> |                               |                                                                                                                                          |
|                                        | Hypnosis                      |                                                                                                                                          |
|                                        |                               | Define and explain hypnosis                                                                                                              |
|                                        |                               | Describe the early uses of hypnosis to address psychological symptoms                                                                    |
|                                        |                               | Identify the contemporary uses of hypnosis in pain control and psychotherapy                                                             |
|                                        | Psychoactive Drugs            |                                                                                                                                          |
|                                        |                               | Describe the major classes and effects of psychoactive drugs                                                                             |
|                                        |                               | Explain how the major drug classes affect neurotransmission and behavior                                                                 |
|                                        |                               | Describe the long-term psychological and physiological effects of drugs                                                                  |
|                                        | Meditation and Other Forms of |                                                                                                                                          |

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|---------------------------------------|------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------|
| Unit                                  | Lesson                       | Objectives                                                                                                                                        |
|                                       | Consciousness                |                                                                                                                                                   |
|                                       |                              | Explain the effects of meditation                                                                                                                 |
|                                       |                              | Critique the use of biofeedback as a mechanism for gaining control over biological functions                                                      |
|                                       |                              | Compare the cultural and historical influences on the value judgments associated with voluntary consciousness changes                             |
|                                       | Topic Test                   |                                                                                                                                                   |
|                                       |                              | Complete a 25-question topic test                                                                                                                 |
| <b>Classical Theories of Learning</b> |                              |                                                                                                                                                   |
|                                       | What Is Learning?            |                                                                                                                                                   |
|                                       |                              | Describe what learning is                                                                                                                         |
|                                       |                              | Differentiate between innate and learned behaviors                                                                                                |
|                                       | Classical Conditioning       |                                                                                                                                                   |
|                                       |                              | Define classical conditioning, and identify two researchers prominent in discovering and establishing classical conditioning methods              |
|                                       |                              | Describe the process of classical conditioning                                                                                                    |
|                                       |                              | Describe common factors that influence the process of classical conditioning                                                                      |
|                                       | Operant Conditioning         |                                                                                                                                                   |
|                                       |                              | Describe the process of operant conditioning, and identify two researchers prominent in discovering and establishing operant conditioning methods |
|                                       |                              | Describe common factors that influence the process of operant conditioning                                                                        |
|                                       | Reinforcement and Punishment |                                                                                                                                                   |
|                                       |                              | Compare and contrast positive and negative reinforcement                                                                                          |
|                                       |                              | Explain the influence of various schedules of reinforcement on behavior                                                                           |

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| Unit                                     | Lesson                                         | Objectives                                                                                       |
|                                          |                                                | Discuss the role of punishment in conditioning                                                   |
|                                          | Topic Test                                     |                                                                                                  |
|                                          |                                                | Complete a 25-question topic test                                                                |
| <b>Contemporary Theories of Learning</b> |                                                |                                                                                                  |
|                                          | Cognitive and Behavioral Learning Influences   |                                                                                                  |
|                                          |                                                | Identify the role of cognition in learning and conditioning                                      |
|                                          |                                                | Discuss various experiments used in establishing support for cognitive influences on learning    |
|                                          |                                                | Describe how genetic factors or learned experiences interfere with conditioning processes        |
|                                          | Social Learning                                |                                                                                                  |
|                                          |                                                | Describe social learning and discuss factors that influence socially learned behavior            |
|                                          |                                                | Describe basic processes that influence social learning                                          |
|                                          |                                                | Explain how the theory of social learning creates controversy about media portrayals of violence |
|                                          | Environmental and Cultural Learning Influences |                                                                                                  |
|                                          |                                                | Describe how culture assists in shaping behavior                                                 |
|                                          |                                                | Discuss how environmental and cultural influences impact learning and academic achievement       |
|                                          |                                                | Describe various influences of collaborative learning on academic achievement                    |
|                                          | Topic Test                                     |                                                                                                  |
|                                          |                                                | Complete a 25-question topic test                                                                |
| <b>Memory</b>                            |                                                |                                                                                                  |

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| Unit                   | Lesson                                                   | Objectives                                                                                        |
|                        | The Brain and Memory                                     | Identify brain structures and various factors influencing memory formation                        |
|                        |                                                          | Describe the characteristics and operations of sensory and short-term memory                      |
|                        |                                                          | Describe the characteristics and operations of long-term memory                                   |
|                        | Attention and Processing Information                     | Describe the importance of attention in forming memories                                          |
|                        |                                                          | Describe how different types of processing can enhance retention of information                   |
|                        | Forming Concepts                                         | Describe how and why concepts are formed in the mind                                              |
|                        |                                                          | Examine how concepts are organized                                                                |
|                        | Issues with Remembrance and Forgetting                   | Describe measures of retrieval and forgetting as well as issues associated with memory retrieval  |
|                        |                                                          | Explain issues influencing forgetfulness, and describe various perspectives on recovered memories |
|                        |                                                          | Identify factors that interfere with memory formation and retrieval                               |
|                        | Research on Memory Reconstruction and Memory Improvement | Discuss suggestions to enhance deep processing of information                                     |
|                        |                                                          | Identify strategies for improving memory                                                          |
|                        |                                                          | Describe research on memory reconstruction                                                        |
|                        | Topic Test                                               | Complete a 25-question topic test                                                                 |
| Cumulative Exam Review |                                                          |                                                                                                   |

