










PARTE TEÓRICA



UNIT 1: HISTORY DEVELOPMENT AND EVOLUTION OF THE POLYGRAPH

1	 LIE DETECTORS IN INVESTIGATIONS (1966)	
2	 HISTORY	
3	 POLYGRAPH VALIDITY RESEARCH	
4	 THE POLYGRAPH AROUND THE WORLD	
5	 SOURCES 1	
6	 TEST 1	10 preguntas
7	 REQUIRED READINGS 1	
8	 WILLIAM MOULTON MARSTON (Documentary)	
9	 ASSIGNMENT 1	

UNIT 2: FUNDAMENTALS OF PSYCHOBIOLOGY

1	 HOW DO NEURONS WORK? (Cassiopeia Project)	
2	 SUPPORTING CELLS IN THE NERVOUS SYSTEM	
3	 NEURONS	
4	 THE NERVE IMPULSE	
5	 THE SYNAPSE	
6	 SOURCES 2	
7	 TEST 2	10 preguntas
8	 REQUIRED READINGS 2	
9	 STRUCTURE AND FUNCTION OF NEURONS (Study.com)	
10	 THE ACTION POTENTIAL (The Green Brothers)	
11	 ASSIGNMENT 2	

UNIT 3: THE ORGANIZATION OF THE NERVOUS SYSTEM

1	 THE ANS (Arbor Vitae Animations)	
2	 THE NERVOUS SYSTEM (Pharmacology Made Easy)	
3	 THE ORGANIZATION OF THE NERVOUS SYSTEM	
4	 CENTRAL NERVOUS SYSTEM	
5	 PERIPHERAL NERVOUS SYSTEM	
6	 THE SOMATIC MOTOR SYSTEM	
7	 AUTONOMIC NERVOUS SYSTEM	
8	 SOURCES 3	
9	 TEST 3	10 preguntas
10	 REQUIRED READINGS 3	
11	 SYMPATHETIC AND PARASYMPATHETIC SYSTEMS (AK Lectures)	
12	 ASSIGNMENT 3	













UNIT 4: CONCEPTS AND PRINCIPLES OF PSYCHOPHYSIOLOGY

1	▶ INTRODUCTION TO PSYCHOPHYSIOLOGY (Yale)	
2	▶ WHAT IS PSYCHOPHYSIOLOGY	
3	▶ INTRODUCTION TO HOMEOSTASIS	
4	📄 HOMEOSTASIS	
5	📄 THE LAW OF INITIAL VALUE (LIV)	
6	▶ CARDIOVASCULAR SYSTEM	
7	📄 ACTIVATION/AROUSAL	
8	▶ EMOTION SPECIFICITY	
9	📄 RESPONSE SPECIFICITY	
10	📄 TONIC, PHASIC AND NON-SPECIFIC ACTIVITY	
11	📄 HABITUATION AND DISHABITUATION	
12	📄 PSYCHOPHYSIOLOGICAL EVALUATION	
13	📄 INSTRUMENTATION	
14	📄 PSYCHOPHARMACOLOGY	
15	📄 SOURCES 4	
16	🗋️ TEST 4	10 preguntas
17	📄 REQUIRED READING 4	
18	▶ AROUSAL THEORIES	
19	▶ SENSORY ADAPTATION AND AMPLIFICATION	
20	📄 ASSIGNMENT 4	

UNIT 5: EMOTION AND SITUATIONAL ANXIETY

1	▶ UNDERSTAND YOUR EMOTIONS	
2	▶ PSYCHOPHYSIOLOGY AND EMOTION	
3	📄 THE PSYCHOPHYSIOLOGY OF EMOTION	
4	📄 EMOTIONAL EXPERIENCES AND EXPRESSION	
5	📄 SITUATIONAL ANXIETY AND STRESS	
6	📄 SOURCES 5	
7	🗋️ TEST 5	10 preguntas
8	📄 REQUIRED READINGS 5	
9	▶ GENERAL ADAPTATION SYNDROME MODEL	
10	▶ THE SCIENCE OF EMOTIONS	
11	▶ FIGHT OR FLIGHT	
12	▶ THEORIES OF EMOTION	
13	📄 ASSIGNMENT 5	









APPENDIX

1	 INTERACTION OF STRUCTURE AND FUNCTION
2	 HOMEOSTASIS
3	 NERVOUS TISSUE
4	 STRUCTURE OF THE SKIN
5	 FUNCTION OF THE SKIN
6	 SWEAT GLANDS
7	 NERVOUS SYSTEM CELLS
8	 NERVE SIGNALING
9	 CENTRAL NERVOUS SYSTEM
10	 PERIPHERAL NERVOUS SYSTEM
11	 AUTONOMIC NERVOUS SYSTEM
12	 THE HEART STRUCTURE









UNIT 6: METHODS AND PROTOCOLS

1	 INTERVIEWING AS A DATA COLLECTION METHOD	
2	 THE STIMULATION TEST (STIM TEST)	
3	 POLYGRAPH QUESTIONING TECHNIQUES	
4	 CONCEALED INFORMATION TESTS	
5	 SOURCES 6	
6	 TEST 6	10 preguntas
7	 REQUIRED READINGS 6	
8	 ASSIGNMENT 6	

UNIT 7: POLYGRAPH INSTRUMENTATION AND EQUIPMENT

1	 RESPONSE CHANNELS AND PSYCHOPHYSIOLOGY	
2	 ANALOG POLYGRAPH	
3	 PROCEDURE	
4	 COMPUTERIZED POLYGRAPH	
5	 SOURCES 7	
6	 TEST 7	10 preguntas
7	 REQUIRED READINGS 7	
8	 ASSIGNMENT 7	








UNIT 8: CHART SCORING AND INTERPRETATION

1	 IDENTIFYING RELEVANT ASPECTS OF THE POLYGRAPH EXAMINATION	
2	 CHART ACQUISITION	
3	 CHART ANALYSIS	
4	 QUANTIFICATION OF PHYSIOLOGICAL DATA	
5	 SOURCES 8	
6	 TEST 8	10 preguntas
7	 REQUIRED READINGS 8	
8	 ASSIGNMENT 8	

UNIT 9: INFORMATION AND REPORT WRITING

1	 MAIN STRUCTURE OF A PDD REPORT	
2	 TYPES OF PDD REPORTS	
3	 PDD TEST REPORT TEMPLATE	
4	 SOURCES 9	
5	 TEST 9	10 preguntas
6	 REQUIRED READINGS 9	
7	 ASSIGNMENT 9	

UNIT 10: LAW ETHICS AND THE FUNDAMENTALS OF POLYGRAPH PRACTICE

1	 POLYGRAPH EXAMINER CAREER PROFILE	
2	 POLYGRAPH TESTING PROCEDURE	
3	 DEONTOLOGICAL ETHICS OF THE POLYGRAPH EXAMINER	
4	 LABOR AND EMPLOYMENT	
5	 CRIME INVESTIGATION	
6	 PRIVATE MATTERS	
7	 ENTERTAINMENT	
8	 SOURCES 10	
9	 TEST 10	9 preguntas
10	 REQUIRED READINGS 10	
11	 ASSIGNMENT 10	
















UNIT 11: LIE DETECTION TECHNIQUES (I)

1	 HOW TO SPOT LIARS AT WORK AND HOW TO DEAL WITH THEM	
2	 HOW TO SPOT A LIE	
3	 HOW TO SPOT A LIAR	
4	 LIE DETECTION TECHNIQUES	
5	 VERBAL CUES	
6	 BEHAVIORAL CUES	
7	 SPECIFIC LIE DETECTION TESTS	
8	 SOURCES 11	
9	 TEST 11	10 preguntas
10	 ASSIGNMENT 11	










UNIT 12: LIE DETECTION TECHNIQUES (II)

1	 LIE DETECTION TECHNIQUES II	
2	 VOICE STRESS ANALYSIS (VSA)	
3	 BRAIN WAVES AND FUNCTIONAL MAGNETIC RESONANCE	
4	 THERMAL IMAGING	
5	 HYPNOSIS	
6	 THE TRUTH SERUM	
7	 THE POLYGRAPH	
8	 SOURCES 12	
9	 TEST 12	10 preguntas









UNIT 13: THE PSYCHOLOGY OF LYING

1	 THE SCIENCE OF LYING	
2	 HONEST LIARS	
3	 LIVING AN INSTA LIE SOCIAL MEDIA	
4	 FOREWORD	
5	 THEORY OF MIND	
6	 DEFINITION OF LIE	
7	 TYPES OF LIES	
8	 EVOLUTION OF THE LIE	
9	 NONVERBAL COMMUNICATION OF THE DECEIVE	
10	 NONVERBAL CLUES OF THE LIE	
11	 MAIN INDICATORS OF DECEIVE	
12	 VERBAL CLUES OF THE LIE	
13	 COGNITION AND LIE	
14	 BRAIN AND LIE	
15	 TEST 13	10 preguntas










UNIT 14: INTERROGATION AND INTERVIEW TECHNIQUES

1	 THE TRUTH ABOUT PATHOLOGICAL LIARS	
2	 KGB AGENT EVADES POLYGRAPH INTERROGATION	
3	 THE INTERROGATION ROOM	
4	 BASIC NOTIONS	
5	 ELEMENTS OF THE INTERVIEW	
6	 THE INTERVIEWER	
7	 THE INTERVIEWEE	
8	 NON VERBAL LANGUAGE	
9	 INTERROGATORY TECHNIQUES	
10	 TEST 14	10 preguntas









UNIT 15: MENTAL DISORDERS AND LYING

1	 NARCISSIST, PSYCHOPATH, OR SOCIOPATH - HOW TO SPOT THE DIFFERENCES	
2	 WAYS TO SPOT A PSYCHOPATHIC LIAR	
3	 MENTAL DISORDERS	
4	 MYTHOMANIA	
5	 PSYCHOPATHY	
6	 PSYCHOPATHIC DISORDERS	
7	 SIMULATION AND DISSIMULATION	
8	 TEST 15	10 preguntas


UNIT 16: POLYGRAPH FOR SEX OFFENDER MANAGEMENT


1	 PEDOPHILES SENT BACK TO PRISION AFTER FAILING LIE DETECTOR	
2	 INTRODUCTION	
3	 SEXUAL VIOLENCE	
4	 AGRESSOR PROFILE	
5	 PROFILE OF THE VICTIMS	
6	 PCSOT	
7	 POLYGRAPHY TESTS	
8	 DISCLOSURE TEST OF SEXUAL HISTORY	
9	 TEST 16	10 preguntas


UNIT 17: FUNCTIONAL MAGNETIC RESONANCE IMAGING (FMRI)


1	 FOREWORD	
2	 WHAT IS FMRI?	
3	 HOW DOES FMRI WORKS?	
4	 UTILITY OF THE FMRI	
5	 LIE DETECTION THROUGHOUT FMRI	
6	 LIMITATIONS OF THE FMRI	
7	 CONCLUSIONS	
8	 TEST 17	10 preguntas


UNIT 18: LIE DETECTION WITH THE POTENTIAL P300

1  LIE DETECTION WITH EEG AND FMRI


2  INTRODUCTION

3  WHAT IS P300?

4  LIMITATIONS OF THE PROCEDURE: RELIABILITY AND VALIDITY

5  TEST 18

10 preguntas

6  FINAL ASSESSMENT