



Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza · 1122 Burnett St, Hatfield 0028 · Pretoria, Gauteng · South Africa

Tel: +27 12 004 8389 · Mobile: +27 65 077 6310

Email: apply@aatikd.co.za · Website: www.aatikd.co.za

COURSE BROCHURE

Human Behaviour in Polygraph Examinations

Law, Military Science and Security / Safety in Society

Unit Standard 252147 · NQF Level 5 · 10 Credits · 7 Days

COURSE OVERVIEW

This course provides a comprehensive understanding of human behaviour relevant to polygraph examinations, enabling examiners to interpret physiological and psychological responses accurately. It covers the theoretical underpinnings of deception detection, ethical considerations, and the impact of cultural and individual differences on polygraph outcomes.

Category	Law, Military Science and Security
Subfield	Safety in Society
Unit Standard	252147
Accreditation	SAQA Accredited · NQF Level 5 · 10 Credits
Duration	7 days
Training Method	Online, On-Campus, In-House
Certificate	Issued via AATICD LMS – verifiable online

LEARNING OUTCOMES

- Demonstrate an understanding of the psychological and physiological principles underlying polygraph examinations.
- Apply knowledge of human behaviour to interpret polygraph charts and identify deceptive responses.
- Analyze the impact of individual differences, such as personality and cultural background, on polygraph results.
- Evaluate ethical considerations and professional standards in conducting polygraph examinations.
- Design pre-test interview strategies to establish rapport and obtain informed consent.
- Implement techniques to control for countermeasures and false positives in polygraph testing.

WHO SHOULD ATTEND

- Polygraph examiners, forensic psychologists, law enforcement officers, and security professionals seeking to deepen their knowledge of human behaviour in the context of polygraph testing.

COURSE OUTLINE

Day 1: Introduction to Human Behaviour and Polygraphy

- Overview of polygraphy and its applications
- Basic principles of human behaviour: cognition, emotion, and deception
- History of polygraph testing
- Ethical considerations and professional conduct
- Introduction to psychophysiology: heart rate, respiration, skin conductance
- South African context: SAQA unit standards and legal requirements

Day 2: Psychological Foundations of Deception

- Theories of deception: interpersonal, cognitive, and emotional
- The cognitive load model of lying
- Emotional arousal and deception
- Personality factors: psychopathy, anxiety, and suggestibility
- Cultural and contextual influences on behaviour
- Case studies: psychological profiles of deceivers

Day 3: Behavioural Observation and Analysis

- Verbal cues: speech patterns, content analysis, and statement validity
- Non-verbal cues: facial expressions, body language, and eye contact
- Micro-expressions and their interpretation
- The Polygraph Interview and Behavioural Analysis Interview
- Establishing baseline behaviour
- Limitations and pitfalls of behavioural observation

Day 4: The Polygraph Examination Process and Questioning Techniques

- Pre-test interview: rapport building and information gathering
- Types of questions: irrelevant, relevant, comparison, and symptomatic
- Question formulation and sequencing
- The Comparison Question Technique (CQT)
- The Concealed Information Test (CIT)
- In-test procedures and data collection

Day 5: Psychophysiological Responses and Data Interpretation

- Detailed psychophysiology: cardiovascular, respiratory, electrodermal
- Chart marking and data quality assessment
- Numerical scoring: the 7-point scale and other methods
- Computerised scoring algorithms
- Factors influencing results: countermeasures, medications, and health
- Error rates and false positives/negatives

Day 6: Advanced Topics and Special Populations

- Polygraph with juveniles, elderly, and individuals with mental disorders
- Detecting and mitigating countermeasures
- Legal admissibility of polygraph evidence in South Africa
- Ethical dilemmas: privacy, coercion, and consent
- Current research: neuroscience and deception

- Combining behavioural observation with physiological data

Day 7: Practical Integration, Review, and Assessment

- Review of key concepts and skills
- Mock examination: full cycle from interview to report
- Case study analysis and group discussion
- Report writing and documentation
- Professional development and ethical practice
- Final assessment and feedback

ASSESSMENT & CERTIFICATION

Delegates are assessed through exercises and a final test. A mark of **50% or above** earns an **AATICD Certificate of Completion**, issued digitally with a unique verification code. This course carries **10 NQF credits** at **NQF Level 5**.

PRICING (PER DELEGATE, EX-VAT)

Delegates	Training Method	Price per Delegate	Total
1	Online	R 29,600.00	R 29,600.00
1	In-House	R 38,500.00	R 38,500.00
1	On-Campus (Pretoria)	R 44,400.00	R 44,400.00

UPCOMING SESSIONS

Start	End	Method	Venue
07 Aug 2026	17 Aug 2026	On-Campus	Mauritius
10 Aug 2026	18 Aug 2026	On-Campus	Dubai, UAE
11 Aug 2026	19 Aug 2026	On-Campus	Pretoria, South Africa
12 Aug 2026	20 Aug 2026	On-Campus	Abu Dhabi, UAE
13 Aug 2026	21 Aug 2026	On-Campus	Durban, South Africa
13 Aug 2026	21 Aug 2026	On-Campus	Mauritius
14 Aug 2026	24 Aug 2026	On-Campus	Cape Town, South Africa
17 Aug 2026	25 Aug 2026	On-Campus	Pretoria, South Africa

Contact us if no suitable date is listed – on-demand sessions can be arranged for groups.

HOW TO GET A QUOTE OR APPLY

1. **Get an instant quotation online:** visit www.aaticd.co.za, open the page for this course (Unit Standard 252147) and click **Get A Quote / Apply**. Select your training method and number of delegates – your quotation is generated immediately and emailed to you with the course brochure attached.
2. **Apply by email:** send the course title, your preferred training method (Online, In-House or On-Campus Pretoria), the number of delegates and your preferred dates to apply@aaticd.co.za – our team will reply with a formal quotation.
3. **Apply by phone or WhatsApp:** call **+27 12 004 8389** or WhatsApp **+27 65 077 6310** and we will prepare your quotation and reserve your seats.
4. **Confirm your booking:** accept the quotation and settle the invoice. As soon as payment is confirmed your delegates are enrolled and receive their AATICD LMS login details by email, along with joining instructions for their chosen training method.

Group discounts apply automatically – the more delegates you enrol, the lower the price per delegate. No payment is required to request a quotation.

Accredited Africa Training Institute for Capacity Development

Unit FO409, Hatfield Plaza, 1122 Burnett St, Hatfield 0028, Pretoria, Gauteng, South Africa
Tel: +27 12 004 8389 · WhatsApp: +27 65 077 6310 · apply@aaticd.co.za · www.aaticd.co.za