



## Commonwealth of Virginia Polygraph Examiners License Examination

### INTRODUCTION

The Virginia Polygraph Examiners Advisory Board (The Board) within the Virginia Department of Professional and Occupational Regulation (DPOR) licenses and regulates polygraph examiners in Virginia.

The Board requires that a Polygraph Examiner License Application be completed as part of the process to obtain your Virginia Polygraph Examiner license. You may download a copy of this license application, review the Board's Rules and Regulations, and access other helpful Board-related information at: [www.dpor.virginia.gov](http://www.dpor.virginia.gov)

Please contact the Board office if you have questions or need additional information at:

Virginia Polygraph Examiners  
Advisory Board  
Perimeter Center, Suite 400  
9960 Mayland Drive  
Richmond, VA 23233  
804-367-8511 or 804-367-7226  
Fax: 866-430-1033  
Email: [polygraph@dpor.virginia.gov](mailto:polygraph@dpor.virginia.gov)

### EXAMINATION PROCESS

#### Steps to Testing

1. Download Application Form from DPOR web site at: [www.dpor.virginia.gov](http://www.dpor.virginia.gov) or contact the Board at 804-367-8511.
2. Complete Application Form with other requirements and forward to the Board office at least 30 days prior to the examination.
3. If approved for the exam, you will receive an Approval Letter from the Board.
4. Schedule/Admission Letter will be mailed to the candidate approximately five (5) days following the examination fee deadline.

### **Special Accommodations**

If you have a disability under the Americans with Disabilities Act (ADA) and may require some accommodation in taking this examination, please follow the procedures as outlined in your approval letter. ADA Accommodation Request Forms must be returned to the Office of Education and Examinations with supporting documentation explained in the ADA Accommodation Request Form. Request for accommodations must be received no later than 30 days prior to the examination date.

You will be notified by DPOR of the accommodations granted. In making your request, please allow sufficient time for your paperwork to be evaluated and a determination to be made.

Please note: A language barrier is not considered a disability.

### **Examination Schedule**

The following table lists the examination dates and examination fee deadlines for 2014.

Exam Date	Deadline Date
January 16, 2014	December 16, 2013
April 24, 2014	March 24, 2014
July 17, 2014	June 17, 2014
October 23, 2014	September 23, 2014

Deadline dates are based on receipt of completed application and fee and not by postmark date. Examination fees are due at the same time as the application and fee.

### **Test Site and Reporting Time**

Examinations are administered at the Department of Professional and Occupational Regulation, Perimeter Center, Suite 400, 9960 Mayland Drive, Richmond, VA 23233. Exact test reporting time will be provided in your admission documentation. A map to the site with a memo on parking will also be provided. It is also suggested that you visit a web site for driving directions from where you are in relation to the test site.

### **Refund and Rescheduling Policy**

Candidates will have until the exam fee deadline to request to cancel an examination without forfeiting the examination fee. The request must be in writing and forwarded to the Office of Education and Examinations. Requests after the deadline will only be approved if there is an extenuating circumstance and proper documentation is provided, such as military orders, illness, death in the family, etc. Job requirements, planned vacations, lack of study time, etc. are not considered extenuating circumstances.

It is your responsibility to contact DPOR prior to the test date if you have not received your admission documentation. DPOR has no control over the U.S. mail. If you do not appear for testing, you will forfeit your examination fee.

### **Environmental Distracters**

Although every attempt is made to provide a quiet and comfortable test environment, noise and room temperatures may be an unforeseen distracter. It is suggested that if you are sensitive to noise or temperature variations, you may want to bring earplugs and wear types

of dress that can help you to adapt to a cooler or warmer climate in the examination room.

### **Emergency Policy**

In the event of inclement weather or another emergency, an examination may be cancelled or delayed. If cancelled, the examination will be rescheduled as soon as possible and candidates will be notified.

### **Admission Requirements**

1. You must present your admission letter and one form of identification with a photograph and your signature (i.e. drivers license, school or work identification card, or passport) in order to be admitted to the examination room.
2. The identification must be current and clearly recognizable or you may not be admitted to test.
3. Candidates are required to complete and sign the Examination Site Conduct Agreement Form prior to taking the examination.
4. It is your responsibility to be at the examination site on time. Candidates will not be permitted into the examination room after the announcements have begun. It is strongly suggested that you visit the site before the day of the exam so you are familiar with the route and the needed time.
5. There is unlimited parking in the lot in front of the building. Parking is on a first-come, first serve basis. Candidates will not be allowed to leave the examination site during the administration of the examination to move a vehicle. There are also several handicap access parking spaces with no time limit on their use by vehicles displaying the appropriate handicapped parking access signage or license plates.

### **Items for Use in Examination Room**

The Polygraph Examiners Examination is a closed book examination.

- You should bring #2 pencils with an eraser.
- Calculators are to be non-printing, battery-operated or self-powered calculators. Calculators must be quiet and must not require an electrical outlet.
- Calculators that might compromise the security of the examination or the examination process are not permitted. Calculators with word-processing capability (alpha keyboards) are not permitted. A calculator is to be used primarily for addition, subtraction, multiplication, division, and square root calculations. The calculator, if it has the capability, may be used to obtain trigonometric and logarithmic functions in lieu of using tables. No other additional formulas or study material or information may be programmed or stored in the memory of the calculator before, during or after the examination. Examiners will check calculators. Please take time before arriving at the examination to see that your calculator is working properly.
- All items brought to the test site will be the candidate's sole responsibility. The Board and the facility will not be held responsible for any lost, misplaced and/or stolen items.

### **Items Prohibited in Examination Room**

You may not have alcoholic beverages, electronic devices such as cameras, mp3 players, radios, tape players, portable fax machines, cellular telephones, calculator watches, reproduction equipment, computers, or pagers in the examination room.

If any of the aforementioned items are found in the possession of a candidate, the Examiner will collect it until the end of the examination and a report will be written documenting the incident to the Board.

Smoking is prohibited. Wearing hats is prohibited.

You may not have pens or highlighters.

### **Security Guidelines**

The Commonwealth of Virginia copyrights all test questions. Copying, reproducing or taking any action to reveal the contents of an examination in whole or in part is unlawful. Removal of an examination booklet, answer sheet or other confidential material supplied to you at the test site is prohibited.

Any irregularity such as an act of impersonation, creating a disturbance, giving or receiving unauthorized information or aid to other candidates, attempting to remove test information by any means, possession of unauthorized notes or equipment is sufficient cause for you to be expelled from the examination room. All such irregularities will be reported to the Board and may affect certification.

No visitors, guests or children are permitted in the examination room.

### **EXAMINATION CONTENT**

The Virginia Polygraph Examiners examination is a two part examination and a review of three polygraph criminal case files by the Board. The candidate will submit three complete polygraph criminal case files administered during the internship to the Board prior to the beginning of the examination. The three polygraph case files must include, but is not limited to, any and all notes regarding the case, releases, standards of practice, numerical scoring sheets, charts, and affidavit(s).

**Part I** consists of 150 multiple-choice test questions. Three hours are allowed for Part I. The Content Outline is found at the end of this bulletin.

**Part II** consists of case facts. A scenario will be given to prepare one or more test question series prior to meeting with the Board member. At the end of Part II the Board member will meet individually with the candidate for an overall evaluation.

Candidate comment forms will be available upon request in the event that you wish to comment on a particular test question. Please request a form from the proctor at the completion of your testing session.

### **Scoring and Reporting**

There is no penalty for guessing so it is to your advantage to guess if you are unsure of the correct response.

You must pass Part I before proceeding to Part II. A passing score of 80% must be achieved on Part I and a Pass on Part II. Candidates must pass both Parts I and Part II in order to meet the requirements for licensure. The minimum passing score for the exam has not changed; the only change is the manner in which scores are reported to candidates.

Examination results are confidential and will not be released over the phone.

## References

The examination also pertains to a common body of knowledge for the polygraph profession; thus the reference list below does not warrant or guarantee that all information is contained in these references.

Although the list may include more than one reference that covers a content area, one such reference may be enough. You may also have resources available that are not on the list but will adequately cover the content areas.

Code of Virginia, Title 54.1, Chapter 18, §54.1-1800 to §54.1-1806.

<http://lis.virginia.gov/cgi-bin/legp604.exe?000+cod+TOC5401000001800000000000>

Department of Professional and Occupational Regulation, Rules and Regulations, Polygraph Examiners Advisory Board, 18 VAC 120-30-10 to 18 VAC 120-30-280.

[http://www.dpor.virginia.gov/uploadedFiles/MainSite/Content/Boards/Polygraph/A456-16\\_REGS.pdf](http://www.dpor.virginia.gov/uploadedFiles/MainSite/Content/Boards/Polygraph/A456-16_REGS.pdf)

United States Code, Title 29 – Labor, Chapter 22 – Employee Polygraph Protection Act (EPPA) <http://dol.gov/compliance/laws/comp-eppa.htm> or

<http://www.polygraph.org/section/resources/employee-polygraph-protection-act-eppa>

Americans with Disabilities Act, [www.usdoj.gov/crt/ada/adahom1.htm](http://www.usdoj.gov/crt/ada/adahom1.htm)

American Polygraph Association By-Laws, [www.polygraph.org](http://www.polygraph.org)

*Truth and Deception*, by Fred E. Inbau and John E. Reid, 2<sup>nd</sup> edition, Williams & Wilkins Publishers. <http://www.alibris.com>

*Criminal Interrogation and Confessions*, by Fred E. Inbau, John E. Reid, Joseph P. Buckley, Brian C. Jayne, 4<sup>th</sup> edition, Gaithersburg, MD: Aspen Publishers.

<http://www.aspenpublishers.com/homepage+default.htm>

*Forensic Psychophysiology Using the Polygraph: Scientific True Verification-Lie Detection*, James Allan Matte, 1<sup>st</sup> edition (1996, 2<sup>nd</sup> print with corrective changes 1998) Publishers: J.A.M.

Publications. ISBN: 0965579409

[http://www.jampublications.com/forensic\\_psychophysiology\\_polygraph.asp](http://www.jampublications.com/forensic_psychophysiology_polygraph.asp)

*Handbook of Psychophysiology*, (2000), 2<sup>nd</sup> edition by Cacioppo, John. T., Tassinary, Louis G., Bernston, Gary, New York: Cambridge University Press. ISBN: 052162634X

<http://catdir.loc.gov/catdir/samples/cam032/99036718.pdf>

Biography of Leonarde Keeler (1994): *A Method of Detecting Deception*, Polygraph, 23(2).

<https://www.ncjrs.gov/App/Publications/abstract.aspx?ID=150442>

P. V. Trovillo. *A History of Lie Detection*. Journal of Criminal Law and Criminology (29) (6), reprinted in Polygraph, 1(1) <http://www.polygraph.org/section/polygraph-journals-0>

Krapohl, D.J., Stern, B.A., Bronkema, Y. (2003). *Numerical Evaluation and Wise Decisions*. Polygraph, 32(1)

[http://www.polygraph.org/files/Numerical\\_evaluation\\_and\\_wise\\_decisions.pdf](http://www.polygraph.org/files/Numerical_evaluation_and_wise_decisions.pdf)

Krapohl, D.J., & Sturm, S. (2002) *Terminology Reference for the Science of Psychophysiological Detection of Deception*. Polygraph, 31(3). <http://www.polygraph.org/section/polygraph-journals-0>

Krapohl, D.J. and Dutton, D.W. *Short Report: Normative Respiration Data for Criminal Cases* 2000. Polygraph 29(4)

<https://www.ncjrs.gov/App/abstractdb/AbstractDBDetails.aspx?id=187444>

Swinford, J. (1999). *Manually Scoring Polygraph Charts Utilizing the Seven-Position Numerical Analysis Scale at the Department of Defense Polygraph Institute*. Polygraph, 28(1)

<http://www.polygraph.org/section/polygraph-journals-0>

Ansley, S. (1998). *Question Formulation*. Polygraph, 27(3)

[http://www.polygraph.org/files/Question\\_Formulation.pdf](http://www.polygraph.org/files/Question_Formulation.pdf)

Marcy, L.P. (1977). *Fundamentals, Fiction, and Investigative Preparation for the Field Polygraph Examination*. Polygraph, 6(1) <http://www.polygraph.org/section/polygraph-journals-0>

Bell, B. G., Raskin, D.C., Honts, C. R., & Kircher, J.C. (1999). *The Utah Numerical Scoring System*. Polygraph, 28(1), 1-9 [http://works.bepress.com/charles\\_honts/27/](http://works.bepress.com/charles_honts/27/)

*Diagnostic and Statistical Manual of Mental Disorders*, 4th edition, Dsm-IV. American Psychiatric Association. ISBN: 0890420246 <http://allpsych.com/disorders/dsm.html>

Bowden, J.C., 2002, *An Investigator's Guide to Interviews and Interrogations* (Workbook). Duncan, OK: APTAC Publications. ISBN: 1887172114 <http://www.aptractraining.com/index.htm>

*Introduction to Psychology* and *Abnormal Psychology* textbooks

Gerrig, R. J., & Zimbardo, P. G. (2002). *Psychology and Life* (16th ed.). Boston, MA: Allyn and Bacon. <http://www.scribd.com/doc/102052993/Psychology-and-Life-16th-Edition-Richard-Gerrig-and-Philip-Zimbardo>

Martini, Frederic H.; Bartholomew, Edwin. *Essentials of Anatomy and Physiology*. 2<sup>nd</sup> edition. Prentice Hall, ISBN 0130821926 <http://cwx.prenhall.com/bookbind/pubbooks/martini6/>

*American Society for Testing and Materials E2229-09 Standard Practices for Interpretation of Psychophysiological Detection of Deception (Polygraph) Data*. Available at [www.astm.org/Standards/E2229.htm](http://www.astm.org/Standards/E2229.htm)

Anthony and Kolthoff. *Textbook of Anatomy and Physiology*. Publishers: St. Louis, MO: C.V. Mosby <http://www.abebooks.com>

Kircher, J.C., & Raskin, D.C. (1988). *Human Versus Computerized Evaluations of Polygraph Data in a Laboratory Setting*. Journal of Applied Psychology, 73(2) <http://www.deepdyve.com/lp/psycarticles-reg/human-versus-computerized-evaluations-of-polygraph-data-in-a-UEBkhq3UHq>

John E. Reid. *The Reid Technique of Interviewing and Interrogation*. (2000) Publishers: John E. Reid and Associates. [http://www.amazon.com/Reid-Technique-Interviewing-Interrogation/dp/B0012KVWJK/ref=sr\\_1\\_13?s=books&ie=UTF8&qid=1360354456&sr=1-13&keywords=john+e+reid](http://www.amazon.com/Reid-Technique-Interviewing-Interrogation/dp/B0012KVWJK/ref=sr_1_13?s=books&ie=UTF8&qid=1360354456&sr=1-13&keywords=john+e+reid)

Original article was in German: "*Die atmungssymptome der lüge*" [*The respiratory symptoms of lying*] in the Archiv fuer die Gesamte Psychologie in 1914 by Benussi. Examiners can access the English version of the article in the journal Polygraph (1975) 4(1) Benussi's work is also summarized by Ansley in an historical article "*Vittorio Benussi and Research: Historical Note*" in Polygraph (1988) 17(3) <http://www.polygraph.org/section/polygraph-journals-0>

*Physicians' Desk Reference* (2005). ISBN 1563634988. 59th edition  
<http://www.amazon.com/2005-Physicians-Reference-Medical-Economics/dp/1563634988>

Bryan E. Bledsoe, Robert S. Porter, Richard A. Cherry. *Paramedic Emergency Care*, 2<sup>nd</sup> edition.  
 Publisher: Brady <http://www.amazon.com/Paramedic-Emergency-Care-Bryan-Bledsoe/dp/0893039799>

## **Part 1 Content Outline**

<b>TOPIC/SUBTOPIC</b>	<b>ITEMS</b>
<b>1 History</b>	<b>6</b>
General History	3
Historical Figures	3
<b>2 Techniques</b>	<b>12</b>
Relevant/Irrelevant	2
Modified General Question	
Technique (MGQT)	3
Zone Comparison Test	3
Utah Zone	1
Secondary Techniques	3
<b>3 Interview/Interrogation</b>	<b>11</b>
Communication	2
Interview and Interrogation	4
Pretest Interview	3
Behavioral Analysis	2
<b>4 Question Formulation</b>	<b>18</b>
General Question Formulation	6
Question Types	12
<b>5 Laws, Rules, and Regulations</b>	<b>13</b>
EPPA	6
VA Law	7
<b>6 Physiology</b>	<b>20</b>
General Physiology	3
Cardiovascular	3
Respiratory	3
Electrodermal	3
Body Systems (ANS/SNS/CNS)	3
Drugs	2

Fight, Flight, or Freeze	3
<b>7 Psychology</b>	<b>20</b>
General Psychology	6
Personality Type	3
Psychological Disorders	6
Psychological Set	3
Psychology Specialties	2
<b>8 Chart Interpretation</b>	<b>24</b>
Respiratory Tracing	6
Cardiovascular Tracing	5
Electrodermal Tracing	4
Activity Sensor Tracing	1
Scoring Methods	8
<b>9 Instrumentation</b>	<b>26</b>
General Instrumentation	10
Cardiograph	4
Respiratory	4
EDA	4
Activity Sensor	1
Chart Marking	3