



## VIRGINIA STATE SPECIFIC PHOTOGRAMMETRY EXAM

The Virginia State-Specific Photogrammetry examination is a two-hour examination containing 55 multiple-choice questions. This is an open book exam.

You may use published books, codes, tables, standards and ordinances, and bound reference materials. Bound reference materials are defined as stitched, glued or fastened by spiral binders, plastic snap binders, brads, screw posts, or ring binders. Stapled papers are not considered bound. Current regulations, available on the Board's website here (<http://www.dpor.virginia.gov/Boards/APELS/>), will print as a single sheet format and is an unbound document. Bind all reference materials as described. Examinees may tab reference books before the examination with permanent Post-it™ type notes and flags. Tabs that can be removed from a page without tearing the paper are not considered permanent tabs. If a reference book has removable tabs each one should be taped or stapled before arriving at the exam site. Extra Post-it™ notes and flags are not permitted in the examination room. Examinees are not permitted to exchange any reference materials during the examination, and are not permitted to write and make notes in any of the reference materials. Writing tablets and legal pads are not permitted. All items brought to the test site will be the examinee's sole responsibility. The Board or the facility is not responsible for any lost, misplaced and/or stolen items.

### Calculator Policy

To protect the integrity of its exams, NCEES limits the types of calculators you may bring to exam sites. The list of approved calculators is reviewed annually. The only calculator models acceptable for use during the exams are as follows.

- **Casio:** All fx-115 and fx-991 models (Any Casio calculator must have "fx-115" or "fx-991" in its model name.)
- **Hewlett Packard:** The HP 33s and HP 35s models, but no others
- **Texas Instruments:** All TI-30X and TI-36X models (Any Texas Instruments calculator must have "TI-30X" or "TI-36X" in its model name.)

The content outline is as follows:

1. Regulations
2. Statutes
3. Control Field Practices
4. Photogrammetric Mapping
5. Virginia Mapping Standards
6. Flood Plain Mapping
7. Geometrics

### **SUGGESTED REFERENCES FOR THE VIRGINIA STATE SPECIFIC PHOTOGRAMMETRY EXAM**

- *Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers and Landscape Architects Regulations 18VAC10-20 (et seq.)*
- *Code of Virginia §28.2 Fisheries and Habitat of the Tidal Waters*
- *Code of Virginia §33.1-184 Evidence as to existence of public road*
- *Code of Virginia §42.1-92 (et seq.) State Publications Depository Program*
- *Code of Virginia §54.1-300 (et seq.) Department of Professional and Occupational Regulation*
- *Code of Virginia §54.1-400 (et seq.) "Architects, Engineers, Surveyors, Certified Interior Designers and Landscape Architects"*
- *Code of Virginia §55-287 (et seq.) Virginia Coordinate System*
- Chesapeake Bay Preservation Area Designation and Management Regulations 9VAC10-20 (et seq.)
- Library of Virginia Standards for Plats 17VAC15-60 (et seq.)
- VDOT *VA Work Area Protection Manual* (2002 edition)
- VDOT *Location and Design Survey Manual* (2002 or current edition)
- *Elements of Photogrammetry* by Paul R. Wolf and Bon A. Dewitt. McGraw Hill (2002). ISBN: 0-07-292454-3.
- *Manual of Photogrammetry*, (5th edition), ASPRS (American Society for Photogrammetry and Remote Sensing). Editor: J Chris McGlone, 2004. ISBN: 1-57083- 071-1
- *Introduction to Modern Photogrammetry* by Edward M. Mikhail, James. S. Bethel, J. Chris McGlone. John Wiley & Sons, Inc.

- *Digital Elevation Model Technologies and Applications: The DEM Users Manual*. (2nd edition). Edited by David F. Maune, A Maune, ASPERS, 5410 Grosvenor Lane, Suite 201, Bethesda, MD 20814. ISBN: 1-57083-082-7. ISBN: 04-471-30924-9
- *Digital Elevation Model Technologies and Applications*. David Maune.
- *A First Text on Geographic Information Systems*. Bolstad, P., (2002).
- *Model Virginia Map Accuracy Standards Guideline*  
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