



Pennsylvania Society of Land Surveyors

801 East Park Drive, Suite 107, Harrisburg, PA 17111

Phone: (717) 540-6811 Fax: (717) 540-6815 E-mail: psls@psls.org

Suggested Publications and Reference

(Revised June 2012)

Principles and Practice of Land Surveying, Pennsylvania State-Specific

This syllabus is intended to supplement the topical syllabus found in the publication titled "Professional Land Surveyors Candidate Handbook" published by the National Council of Examiners for Engineering and Surveying (NCEES), P.O. Box 1686, Clemson, SC 29633-1686.

- **General Testing Information**

http://www.ncees.org/Audience_Landing_Pages/Surveyors.php

- **Engineer, Land Surveyor and Geologist Registration Law – included with application**

Licensure Information

http://www.portal.state.pa.us/portal/server.pt/community/state_registration_board_for_professional_engineers_land_surveyors_and_geologists/12510/licensure_information/572026

Registration Law, Rules and Regulations

http://www.portal.state.pa.us/portal/server.pt/community/state_registration_board_for_professional_engineers_land_surveyors_and_geologists/12510

- **PA Professional and Vocational Standards Code – included with application**

PA Code: Chapter 37

http://www.pacode.com/secure/data/049/chapter37/049_0037.pdf

The PSLS Manual of Practice

<http://www.psls.org/pamannual>

Black's Law Dictionary, 9th Ed.
<http://www.psls.org/bookstore> or
<http://www.blackslawdictionary.com/Home/Print.aspx>

- **Pennsylvania Property Surveys**

Boundary Retracement Principles & Procedures for Professional Land Surveyors in PA
By: Knud Hermansen
Pennsylvania Society of Land Surveyors
<http://www.psls.org/bookstore>

- **State Plane Coordinates**

Elementary Surveying, 13th Ed. Ghilani/Wolf
<http://www.pearsonhighered.com/educator/product/Elementary-Surveying-An-Introduction-to-Geomatics-13E/9780132554343.page>

- **ALTA/ACSM Surveys**

ALTA/ACSM Surveys
<http://www.acsm.net/index.cfm?fuseaction=Page.viewPage&pageId=513&parentID=506&nodeID=1>

- **Subdivisions / Land Development**

Uniform Condominium Act – Act No. 287 of 1974 as amended
<http://www.legis.state.pa.us/WU01/LI/LI/CT/HTM/68/68.HTM>

Underground Utility Line Protection Law – Act 287 of 1974 as amended
<http://www.portal.state.pa.us/portal/server.pt?open=514&objID=552996&mode=2>

PA Code, Title 67 Chapter 441, Access to and Occupancy of Highways by Driveways and Local Roads, Chapter 459, Occupancy of Highways by Utilities
<http://www.pacode.com/secure/data/067/067toc.html>

PA Municipalities Planning Code, Act 247 of 1968
http://www.newpa.com/webfm_send/1785

- **Sewage Facilities**

Chapter 49 – Sewage Facilities Act
<http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-52064/Act%20537%20of%201965.pdf>

Chapter 49 – Sewage Planning

<http://www.pacode.com/secure/data/025/chapter94/chap94toc.html>

Environmental Protection PA Code, Title 25: Chapter 71, 72 and 73

<http://www.pacode.com/secure/data/025/025toc.html>

Consumer Guide to On-Lot Sewage Disposal System Operation and Maintenance

http://www.epa.gov/owm/septic/pubs/homeowner_guide_long.pdf

Domestic Wastewater Facilities Manual

<http://www.water-research.net/Waterlibrary/septic/wastewaterfacilitiesmanual.pdf>

- **Stormwater Management**

Storm Water Management Act 167

<http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-8035>

DEP Index of Designated Watersheds (Stormwater Management)

<http://www.stormwaterpa.org/assets/media/regulatory/indexdesignatedwatersheds.pdf>

BMP Manual by Chapter

<http://www.stormwaterpa.org/bmp-manual-introduction.html>

Environmental laws, related publications and forms regarding stormwater management, watershed management, BMP and other related environmental issues.

<http://www.elibrary.dep.state.pa.us/dsweb/HomePage>

Design and Construction of Urban Stormwater Systems

<http://www.asce.org/Product.aspx?ID=2147485342>

Field Manual of Storm Intensity, Duration, Frequency Charts,

<ftp://ftp.dot.state.pa.us/public/bureaus/design/PUB584/PDMChapter07B.pdf>

<ftp://ftp.dot.state.pa.us/public/bureaus/design/PUB584/PDMChapter07A.pdf>

National Engineering Handbook, Section 4

<http://www.info.usda.gov/opennonwebcontent.aspx?content=18389.wba>

Urban Hydrology for Small Watersheds, TR 55

<http://www.cpesec.org/reference/tr55.pdf>

Introduction to Hydrology, 5th Edition, Viesman, Lewis

<http://www.amazon.com/Introduction-Hydrology-5th-Warren-Viessman/dp/067399337X>

Erosion and Sediment Control

<http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-8030>

NOI Checklist

<http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-83403/03%205500-PM-OG0005%20NOI%20Checklist%202.pdf>

- **Floodplain & Waterway Management**

Floodplain Management Act

<http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-52107/3930-BK-DEP0447%20Act%20166%20of%201978.pdf>

Waterway Engineering

http://www.depweb.state.pa.us/portal/server.pt/community/waterways_engineering/10499

Title 25, Chapter 106 Floodplain Management

<http://www.pacode.com/secure/data/025/chapter106/chap106toc.html>

Floodplain Management Information

<http://www.fema.gov/plan/prevent/floodplain/index.shtm>

Dam Safety and Encroachment Act

<http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-79270/3930-BK-DEP2247.pdf>

Environmental Protection PA Code Title 25, Chapter 105, Dam Safety and Waterway Management

<http://www.pacode.com/secure/data/025/chapter105/chap105toc.html>

- **Soil Erosion & Sedimentation**

Soil Erosion and Sedimentation Control, PA Code, Title 25, Chapter 102, Erosion Control

<http://www.pacode.com/secure/data/025/chapter102/chap102toc.html>

Erosion and Sedimentation Manual

<http://www.elibrary.dep.state.pa.us/dsweb/View/Collection-8300>

National Flood Insurance Program Elevation Certificate and Instructions

<http://www.fema.gov/library/viewRecord.do?id=1383>

Erosion and Sediment Pollution Control Program Manual Technical Guidance Document 363-2134-008

<http://www.elibrary.dep.state.pa.us/dsweb/Get/Document-88925/363-2134-008.pdf>

- **Optional Additional Resources**

Many of these titles may be available for reference in your local law library, public library, university library or county courthouse.

Analysis of Rainfall-Duration-Frequency for Pennsylvania

http://www.psiee.psu.edu/publications/reports/IRLWR/1970_IRLWR_ResearchPublication70-AnalysisOfRainfall.pdf

DEP “Community Planning” Pamphlet Series

<http://www.newpa.com/get-local-gov-support/publications>

Engineering Field Manual for Conservation Practices

<http://www.mtis.gov>

Highways and the Land Surveyor

<http://www.psls.org/bookstore>

Ladner’s Pennsylvania Real Estate Law, 5th Edition

<http://www.bisel.com/products.html>

Law Library Encyclopedia Reference

<http://store.westlaw.com/default.aspx>

Purdon’s Consolidated Statutes, Title 68

<http://store.westlaw.com/purdons-pennsylvania-statutes-consolidated-annotated-statute-code-series/3265/22044296/productdetail>

Storm Water Management Program

http://www.portal.state.pa.us/portal/server.pt/community/stormwater_management/10628

Additional reference materials and survey related books available at the PSLS bookstore.

<http://www.psls.org/bookstore>