

West Virginia Code 30-13A-1 et seq. (2010)

- ☐ §30-13A-8(a)(1) Four-year degree or a bachelor degree in surveying approved by the Board, which degree must include a minimum of thirty hours of surveying or surveying-related courses.
- ☐ §30-13A-8(a)(2) Four-year degree or a bachelor degree, has completed a minimum of thirty hours of surveying or surveying-related courses.
- ☐ §30-13A-8(a)(3) Two-year degree or an associate degree in surveying or a related field approved by the Board, which degree must include a minimum of thirty hours of surveying or surveying related courses.

Regarding the 30 credit-hour requirement for candidates to sit for the Fundamentals of Surveying Exam (FS/SI), the West Virginia Board of Professional Surveyors has prepared a partial listing of courses that would remain on a standing list provided that the course syllabus of each respective course remains the same as when they were evaluated in October 2011.

The following courses of the West Virginia University Civil Engineering program would be approved toward the 30 credit-hour requirement:

CE 200	Land Surveying	3
CE 210	Introduction CADD for Civil Engineers	2
CE 305	Introduction to Geomatics	3
CE 321	Fluid Mechanics for Civil Engineers	3
CE 322	Hydrotechnical Engineering	3
CE 332	Introduction to Transportation Engineering	4
CE 351	Introductory Soil Mechanics	4
CE 425	Engineering Hydrology	3
CE 431	Highway Engineering	3
CE 453	Earthwork Design	3
MATH 126	College Algebra	3
MATH 128	Plane Trigonometry	3
MATH 129	Pre-Calculus Mathematics	4
MATH 150	Introduction to Calculus	3
MATH 155	Calculus I	4
MINE 201	Mine Surveying	3
MINE 261	Engineering CAD	2
PHYS 101	Introductory Physics	4

The following courses of the Bluefield State College Civil Engineering Technology program would be approved toward the 30 credit-hour requirement:

CIET 110	Plane Surveying and Mapping	4
CIET 211	Control Surveying	3
CIET 212	Hydraulics	3
CIET 430	Evidence for Boundary Surveys	3
CIET 431	Legal Aspects of Boundary Surveying	3
CIET 432	Boundary Surveying Methods	3
CIET 433	GIS Applications	3
ENGR 230	Surveying	4
GNET 115	Technical Mathematics I	4
GNET 116	Technical Mathematics II	4
MATH 109	Algebra	3
MATH 110	Trigonometry	3
MATH 211	Informal Geometry	3
MATH 220	Calculus I	4
MATH 320	Modern Geometry	3
MEET 111	Engineering Graphics	3
MEET 112	Computer Aided Drafting	3
PHSC 201	General Physics I	4

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There are numerous courses that could be considered as appropriate substitutes towards the 30-credit hour requirement. These courses would be evaluated by the Board to ensure that basic math classes were not the only courses used as substitutes for relevant surveying courses.

Other approved courses in Forestry, Dendrology, CAD/CAM, Cartography, writing legal descriptions, and relative computer applications would be considered.

Three credit hours are recommended in each of the three background core areas:

1. Boundary Law
2. Dendrology, Tree & Wood Identification
3. Boundary Retracement Procedures or Professional Applications of Boundary Relocations.

A goal of this Board is to promote surveying through qualified licensed professionals. However, it is essential that we maintain an educational base of core knowledge that is unique to the practice of surveying to provide the public a truly professional service.