HOUSE BILL No. 1148

DIGEST OF INTRODUCED BILL

Citations Affected: IC 25-21.5-6; IC 25-31-1-14.

Synopsis: Engineer and land surveyor examinations. Provides that the examinations for: (1) registration as a professional engineer; and (2) certification as a land surveyor or land surveyor in training; may be computer based. Removes provisions specifying the duration of the examinations. Specifies that an applicant for registration as a professional engineer has three chances to pass the examination for registration, subject to the rules and discretion of the board of registration for professional engineers. Makes a technical correction.

Effective: July 1, 2012.

Messmer

January 9, 2012, read first time and referred to Committee on Employment, Labor and Pensions.

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Introduced

Second Regular Session 117th General Assembly (2012)

PRINTING CODE. Amendments: Whenever an existing statute (or a section of the Indiana Constitution) is being amended, the text of the existing provision will appear in this style type, additions will appear in **this style type**, and deletions will appear in ~~this style type.~~

Additions: Whenever a new statutory provision is being enacted (or a new constitutional provision adopted), the text of the new provision will appear in **this style type**. Also, the word **NEW** will appear in that style type in the introductory clause of each SECTION that adds a new provision to the Indiana Code or the Indiana Constitution.

Conflict reconciliation: Text in a statute in *this style type* or ~~*this style type*~~ reconciles conflicts between statutes enacted by the 2011 Regular Session of the General Assembly.

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HOUSE BILL No. 1148

A BILL FOR AN ACT to amend the Indiana Code concerning professions and occupations.

Be it enacted by the General Assembly of the State of Indiana:

SECTION 1. IC 25-21.5-6-1 IS AMENDED TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2012]: Sec. 1. The examination required of all applicants for registration as a professional land surveyor must be a written **or computer based** examination divided into the following two (2) parts: ~~each of eight (8) hours duration.~~

(1) The basic disciplines part of the examination must be designed to test the applicant's knowledge of the basic disciplines of land surveying. The standard of proficiency required must approximate that attained by graduation in an approved four (4) year land surveying curriculum.

(2) The principles and practice part of the examination must be designed primarily to test the principles and practice of land surveying. The principles and practice part of the examination must be divided into two (2) sections.

(A) The first section must test the applicant's understanding, judgment, and ability to correctly apply the following:

(i) Federal laws and regulations.

(ii) Practices pertaining to the establishment, description, and reestablishment of land boundaries.

(iii) The platting of subdivisions.

(iv) The ethical, economic, and legal principles relating to the practice of land surveying.

(v) The principles of mathematics relating to the practice of land surveying.

(B) The second section must test the applicant's understanding, judgment, and ability to correctly apply the following:

(i) Items under subdivision (2)(A)(i) through ~~(2)(A)(iv).~~ **(2)(A)(v).**

(ii) Indiana laws and rules.

(iii) Work that the land surveyor is permitted to perform under this article.

(iv) The ability to write and interpret legal descriptions and solve narrative problems regarding the analysis and execution of land surveys and land survey problems.

SECTION 2. IC 25-21.5-6-3 IS AMENDED TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2012]: Sec. 3. The examination for certification as a land-surveyor-in-training must be a written **or computer based** examination. ~~of eight (8) hours duration.~~ The examination must be identical in subject matter to, but may be more comprehensive than, the first part of the examination for registration as a professional land surveyor.

SECTION 3. IC 25-31-1-14, AS AMENDED BY P.L.194-2005, SECTION 79, IS AMENDED TO READ AS FOLLOWS [EFFECTIVE JULY 1, 2012]: Sec. 14. (a) The examination required of all applicants for registration as a professional engineer shall be a written **or computer based** examination which shall be divided into the following two (2) parts: ~~each of eight (8) hours duration:~~

(1) Engineering fundamentals.

(2) Principles and practice of engineering.

The board may adopt rules under IC 4-22-2 establishing additional examination requirements.

(b) The engineering fundamentals portion of the examination shall be designed to test the applicant's knowledge of mathematics and the physical and engineering sciences. The standards of proficiency required shall approximate that attained by graduation in an approved four (4) year engineering curriculum.

(c) The principles and practice of the engineering portion of the examination shall be designed primarily to test the applicant's understanding of, and judgment and ability to apply correctly, the

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principles of:

(1) mathematics;

(2) the physical sciences;

(3) the engineering sciences; and

(4) engineering design analysis and synthesis;

to the practice of professional engineering. A part of the examination may be designed to test the applicant's knowledge and understanding of the ethical, economic, and legal principles relating to the practices of professional engineering.

(d) An applicant for registration as a professional engineer who holds an engineering intern certificate issued in Indiana or in any other state or territory having equivalent standards may be exempted from the engineering fundamentals portion of the examination.

(e) An applicant must successfully pass the engineering fundamentals portion of the examination before taking the principles and practice portion of the examination.

(f) Examinations shall be held at times and places as determined by the board at least two (2) times each year. Examinations for certification as an engineering intern may be held separately from the examinations for registration as a professional engineer.

(g) An applicant for registration as a professional engineer who is presently registered in another state or territory may be assigned a written **or computer based** examination as the board deems necessary to meet the requirements of this chapter.

(h) An applicant ~~for registration as a professional engineer who fails in the first examination may request to be readmitted for a second examination at either of the next two (2) regularly scheduled examinations. Upon application and at the discretion of the board, an applicant who misses:~~

~~(1) the originally scheduled examination; or~~

~~(2) the next two (2) regularly scheduled examinations;~~

~~may be given permission to appear for another regularly scheduled examination.~~ **shall have three (3) attempts to pass each part of the examination within a time period established by the board by rule. The board may specify by rule the time required between examinations and the opportunity for future examination attempts for an applicant who fails to appear at an examination.** The amount of **the** fee to be paid for each examination shall be determined by the board under IC 25-1-8-2.

(i) If an applicant who has failed **a part of the examination** three (3) ~~or more examinations~~ **times** reapplies and submits evidence of acquiring additional knowledge for the examination, the board may

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give the applicant approval to take subsequent examinations **or partial examinations.**

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