



January 23, 2012

HOUSE BILL No. 1148

DIGEST OF HB 1148 (Updated January 17, 2012 9:39 am - DI 96)

Citations Affected: IC 25-21.5; IC 25-31.

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.

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January 9, 2012, read first time and referred to Committee on Employment, Labor and Pensions.
January 23, 2012, reported — Do Pass.

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HB 1148—LS 6113/DI 14+



January 23, 2012

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:

- 1 SECTION 1. IC 25-21.5-6-1 IS AMENDED TO READ AS
2 FOLLOWS [EFFECTIVE JULY 1, 2012]: Sec. 1. The examination
3 required of all applicants for registration as a professional land
4 surveyor must be a written **or computer based** examination divided
5 into the following two (2) parts: ~~each of eight (8) hours duration~~.
6 (1) The basic disciplines part of the examination must be
7 designed to test the applicant's knowledge of the basic disciplines
8 of land surveying. The standard of proficiency required must
9 approximate that attained by graduation in an approved four (4)
10 year land surveying curriculum.
11 (2) The principles and practice part of the examination must be
12 designed primarily to test the principles and practice of land
13 surveying. The principles and practice part of the examination
14 must be divided into two (2) sections.
15 (A) The first section must test the applicant's understanding,
16 judgment, and ability to correctly apply the following:
17 (i) Federal laws and regulations.

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- 1 (ii) Practices pertaining to the establishment, description,
 2 and reestablishment of land boundaries.
 3 (iii) The platting of subdivisions.
 4 (iv) The ethical, economic, and legal principles relating to
 5 the practice of land surveying.
 6 (v) The principles of mathematics relating to the practice of
 7 land surveying.
 8 (B) The second section must test the applicant's understanding,
 9 judgment, and ability to correctly apply the following:
 10 (i) Items under subdivision (2)(A)(i) through ~~(2)(A)(iv)~~:
 11 **(2)(A)(v)**.
 12 (ii) Indiana laws and rules.
 13 (iii) Work that the land surveyor is permitted to perform
 14 under this article.
 15 (iv) The ability to write and interpret legal descriptions and
 16 solve narrative problems regarding the analysis and
 17 execution of land surveys and land survey problems.

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

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

- 31 (1) Engineering fundamentals.
 32 (2) Principles and practice of engineering.

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

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

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



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- 1 principles of:
- 2 (1) mathematics;
- 3 (2) the physical sciences;
- 4 (3) the engineering sciences; and
- 5 (4) engineering design analysis and synthesis;
- 6 to the practice of professional engineering. A part of the examination
- 7 may be designed to test the applicant's knowledge and understanding
- 8 of the ethical, economic, and legal principles relating to the practices
- 9 of professional engineering.
- 10 (d) An applicant for registration as a professional engineer who
- 11 holds an engineering intern certificate issued in Indiana or in any other
- 12 state or territory having equivalent standards may be exempted from
- 13 the engineering fundamentals portion of the examination.
- 14 (e) An applicant must successfully pass the engineering
- 15 fundamentals portion of the examination before taking the principles
- 16 and practice portion of the examination.
- 17 (f) Examinations shall be held at times and places as determined by
- 18 the board at least two (2) times each year. Examinations for
- 19 certification as an engineering intern may be held separately from the
- 20 examinations for registration as a professional engineer.
- 21 (g) An applicant for registration as a professional engineer who is
- 22 presently registered in another state or territory may be assigned a
- 23 written **or computer based** examination as the board deems necessary
- 24 to meet the requirements of this chapter.
- 25 (h) An applicant for registration as a professional engineer who fails
- 26 in the first examination may request to be readmitted for a second
- 27 examination at either of the next two (2) regularly scheduled
- 28 examinations. Upon application and at the discretion of the board, an
- 29 applicant who misses:
- 30 (1) the originally scheduled examination; or
- 31 (2) the next two (2) regularly scheduled examinations;
- 32 may be given permission to appear for another regularly scheduled
- 33 examination: **shall have three (3) attempts to pass each part of the**
- 34 **examination within a time period established by the board by rule.**
- 35 **The board may specify by rule the time required between**
- 36 **examinations and the opportunity for future examination attempts**
- 37 **for an applicant who fails to appear at an examination.** The amount
- 38 of the fee to be paid for each examination shall be determined by the
- 39 board under IC 25-1-8-2.
- 40 (i) If an applicant who has failed a **part of the examination** three
- 41 (3) **or more examinations times** reapplies and submits evidence of
- 42 acquiring additional knowledge for the examination, the board may

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

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COMMITTEE REPORT

Mr. Speaker: Your Committee on Employment, Labor and Pensions, to which was referred House Bill 1148, has had the same under consideration and begs leave to report the same back to the House with the recommendation that said bill do pass.

GUTWEIN, Chair

Committee Vote: yeas 8, nays 0.

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