

The House Committee on Governmental Affairs offers the following substitute to HB 986:

A BILL TO BE ENTITLED  
AN ACT

1 To amend Chapter 15 of Title 43 of the Official Code of Georgia Annotated, relating to  
2 engineers and land surveyors, so as to change requirements for eligibility for certification as  
3 an engineer-in-training and eligibility for a certificate of registration as a professional  
4 engineer; to change requirements for eligibility for certification as a land surveyor-in-training  
5 and for a certificate of registration as a land surveyor; to repeal conflicting laws; and for  
6 other purposes.

7 BE IT ENACTED BY THE GENERAL ASSEMBLY OF GEORGIA:

8 **SECTION 1.**

9 Chapter 15 of Title 43 of the Official Code of Georgia Annotated, relating to engineers and  
10 land surveyors, is amended by striking Code Section 43-15-8, relating to eligibility for  
11 certification as an engineer-in-training, and inserting in lieu thereof the following:

12 "43-15-8.

13 (a) To be eligible for certification as an engineer-in-training, an applicant applying prior  
14 to July 1, 2010, must meet the following minimum requirements:

15 (1)(A) Graduate in an engineering curriculum of not less than four years from a school  
16 or college approved by the board; and

17 (B) Pass a written examination in fundamental engineering subjects  
18 (engineer-in-training examination);

19 (2)(A) Graduate in an engineering curriculum of not less than four years or in a  
20 curriculum of four or more years in engineering technology or related science, from a  
21 school or college approved by the board; and

22 (B) Pass a written examination in fundamental engineering subjects  
23 (engineer-in-training examination); or

24 (3)(A) Acquire not less than eight years of experience in engineering work of a nature  
25 satisfactory to the board; and

1 (B) Pass a written examination in fundamental engineering subjects  
2 (engineer-in-training examination).

3 (b) To be eligible for certification as an engineer-in-training, an applicant applying on or  
4 after July 1, 2010, must meet the following minimum requirements:

5 (1)(A) Graduate in an engineering curriculum of not less than four years from a school  
6 or college approved by the board; and

7 (B) Pass a written examination in fundamental engineering subjects  
8 (engineer-in-training examination); or

9 (2)(A) Graduate in an engineering curriculum of not less than four years or in a  
10 curriculum of four or more years in engineering technology or related science, from a  
11 school or college approved by the board; and

12 (B) Pass a written examination in fundamental engineering subjects  
13 (engineer-in-training examination)."

## 14 SECTION 2.

15 Said chapter is further amended by striking Code Section 43-15-9, relating to eligibility for  
16 a certificate of registration as a professional engineer, and inserting in lieu thereof the  
17 following:

18 "43-15-9.

19 (a) To be eligible for a certificate of registration as a professional engineer, an applicant  
20 applying prior to July 1, 2013, must meet the following minimum requirements:

21 (1)(A) Obtain certification by the board as an engineer-in-training under paragraph (1)  
22 of subsection (a) of Code Section 43-15-8;

23 (B) Acquire a specific record of not less than four years' experience in engineering  
24 work of a character satisfactory to the board which indicates the applicant is competent  
25 to practice professional engineering; and

26 (C) Subsequently pass a written examination in the principles and practice of  
27 engineering (professional engineer's examination);

28 (2)(A) Obtain certification by the board as an engineer-in-training under paragraph (2)  
29 of subsection (a) of Code Section 43-15-8;

30 (B) Acquire a specific record of not less than seven years' experience in engineering  
31 work of a character satisfactory to the board which indicates the applicant is competent  
32 to practice professional engineering; and

33 (C) Subsequently pass a written examination in the principles and practice of  
34 engineering (professional engineer's examination);

35 (3)(A) Obtain certification by the board as an engineer-in-training under paragraph (3)  
36 of subsection (a) of Code Section 43-15-8;

1 (B) Acquire a specific record of not less than seven years' experience in engineering  
 2 work of a character satisfactory to the board which indicates the applicant is competent  
 3 to practice professional engineering; and

4 (C) Subsequently pass a written examination in the principles and practice of  
 5 engineering (professional engineer's examination); or

6 (4)(A) Graduate in an engineering or related science curriculum of not less than four  
 7 academic years;

8 (B) Acquire a specific record of not less than 16 years' experience in engineering  
 9 work, of which at least eight years have been in responsible charge of important  
 10 engineering work of a character satisfactory to the board, which indicates the applicant  
 11 is competent to practice professional engineering; and

12 (C) Subsequently pass a written examination in the principles and practice of  
 13 engineering (professional engineer's examination).

14 (b) To be eligible for a certificate of registration as a professional engineer, an applicant  
 15 applying after July 1, 2013, must meet the following minimum requirements:

16 (1)(A) Obtain certification by the board as an engineer-in-training under paragraph (1)  
 17 of subsection (a) or paragraph (1) of subsection (b) of Code Section 43-15-8;

18 (B) Acquire a specific record of not less than four years' experience in engineering  
 19 work of a character satisfactory to the board which indicates the applicant is competent  
 20 to practice professional engineering; and

21 (C) Subsequently pass a written examination in the principles and practice of  
 22 engineering (professional engineer's examination); or

23 (2)(A) Obtain certification by the board as an engineer-in-training under paragraph (2)  
 24 of subsection (a) or paragraph (2) of subsection (b) of Code Section 43-15-8;

25 (B) Acquire a specific record of not less than seven years' experience in engineering  
 26 work of a character satisfactory to the board which indicates the applicant is competent  
 27 to practice professional engineering; and

28 (C) Subsequently pass a written examination in the principles and practice of  
 29 engineering (professional engineer's examination)."

### 30 SECTION 3.

31 Said chapter is further amended by striking Code Section 43-15-12, relating to eligibility for  
 32 certification as a land surveyor-in-training, and inserting in lieu thereof the following:

33 "43-15-12.

34 (a) To be eligible for certification as a land surveyor-in-training, an applicant applying  
 35 prior to July 1, 2010, must meet the following minimum requirements:

36 (1)(A) Earn a bachelor's degree in a curriculum approved by the board; or

1 (B) Earn an associate degree, or its equivalent, in a curriculum approved by the board  
 2 and acquire not less than two years of combined office and field experience in land  
 3 surveying of a nature satisfactory to the board; or

4 (C) Earn a high school diploma, or its equivalent, and acquire not less than four years'  
 5 experience in land surveying of a nature satisfactory to the board; and

6 (2) Acquire a minimum of ~~15 quarter~~ 12 semester hours' credit, or its equivalent, in land  
 7 surveying subjects in a course of study approved by the board; provided, however, that  
 8 ~~on and after January 1, 1995, the minimum requirement shall be 20 quarter hours' credit,~~  
 9 ~~five of which shall be~~ three hours are in hydrology; and

10 (3) Subsequently pass the ~~board's written examination in the fundamentals of land~~  
 11 ~~surveying (land surveyor-in-training examination)~~ Fundamentals of Land Surveying  
 12 (FLS) examination, prepared and graded by the National Council of Examiners for  
 13 Engineering and Surveying (NCEES), or any other examination as may be approved and  
 14 required by the state board.

15 (b) To be eligible for certification as a land surveyor-in-training, an applicant applying on  
 16 or after July 1, 2010, must meet the following minimum requirements:

17 (1) Earn a bachelor's degree in a curriculum approved by the state board consisting of  
 18 a minimum of 18 semester hours or 30 quarter hours' credit, or the equivalent, in land  
 19 surveying subjects, including a minimum of three semester hours or five quarter hours  
 20 of hydrology; and

21 (2) Subsequently pass the Fundamentals of Land Surveying (FLS) examination, prepared  
 22 and graded by the National Council of Examiners for Engineering and Surveying  
 23 (NCEES), or any other examination as may be approved and required by the state board."

#### 24 SECTION 4.

25 Said chapter is further amended by striking Code Section 43-15-13, relating to eligibility for  
 26 a certificate of registration as a land surveyor, and inserting in lieu thereof the following:

27 "43-15-13.

28 (a) To be eligible for a certificate of registration as a land surveyor prior to July 1, 2013,  
 29 an applicant must meet the following minimum requirements:

30 (1)(A) Obtain certification as a land surveyor-in-training under subparagraph (a)(1)(A)  
 31 of paragraph (1) and paragraph paragraphs (2) and (3) of subsection (a) of Code Section  
 32 43-15-12;

33 (B) Acquire a specific record of the equivalent of not less than four years of combined  
 34 office and field experience in land surveying with a minimum of three years'  
 35 experience in responsible charge of land surveying projects under the supervision of a

1 registered land surveyor or such other supervision deemed by the board to be the  
2 equivalent thereof; and

3 (C) Subsequently pass a written examination on the principles and practices of land  
4 surveying and the laws of this state relating to land surveying (land surveyor  
5 examination);

6 (2)(A) Obtain certification as a land surveyor-in-training under subparagraph (a)(1)(B)  
7 ~~of paragraph (1) and paragraph paragraphs (2) and (3) of subsection (a)~~ of Code Section  
8 43-15-12;

9 (B) Acquire an additional specific record of the equivalent of not less than four years  
10 of combined office and field experience in land surveying which, together with the  
11 qualifying experience under subparagraph (a)(1)(B) ~~of paragraph (1)~~ of Code Section  
12 43-15-12, includes not less than four years' experience in responsible charge of land  
13 surveying projects under the supervision of a registered land surveyor or such other  
14 supervision deemed by the board to be the equivalent thereof; and

15 (C) Subsequently pass a written examination on the principles and practices of land  
16 surveying (PLS), prepared and graded by the National Council of Examiners for  
17 Engineering and Surveying (NCEES), or any other examination as may be approved  
18 and required by the state board, and a written examination on the laws of Georgia  
19 relating to land surveying (land surveyor examination); ~~or~~

20 (3)(A) Obtain certification as a land surveyor-in-training under subparagraph (a)(1)(C)  
21 ~~of paragraph (1) and paragraph paragraphs (2) and (3) of subsection (a)~~ of Code Section  
22 43-15-12;

23 (B) Acquire an additional specific record of not less than four years of experience in  
24 land surveying which, together with the qualifying experience under subparagraph  
25 (a)(1)(C) ~~of paragraph (1)~~ of Code Section 43-15-12, includes not less than six years'  
26 experience in responsible charge of land surveying under the supervision of a registered  
27 land surveyor or such other supervision deemed by the board to be the equivalent  
28 thereof and of a grade and character satisfactory to the board indicating that the  
29 applicant is competent to practice land surveying; and

30 (C) Subsequently pass a written examination on the principles and practices of land  
31 surveying (PLS), prepared and graded by the National Council of Examiners for  
32 Engineering and Surveying (NCEES), or any other examination as may be approved  
33 and required by the state board, and a written examination on the laws of this state  
34 relating to land surveying (land surveyor examination); ~~or~~

35 (4)(A) Obtain certification as a land surveyor-in-training under subsection (b) of Code  
36 Section 43-15-12;

1 (B) Acquire a specific record of the equivalent of not less than four years of combined  
 2 office and field experience in land surveying with a minimum of three years'  
 3 experience in responsible charge of land surveying projects under the supervision of a  
 4 registered land surveyor or such other supervision deemed by the board to be the  
 5 equivalent thereof; and

6 (C) Subsequently pass a written examination on the principles and practices of land  
 7 surveying (PLS), prepared and graded by the National Council of Examiners for  
 8 Engineering and Surveying (NCEES), or any other examination as may be approved  
 9 and required by the state board, and a written examination of the laws of Georgia  
 10 relating to land surveying (land surveyor examination).

11 (b) To be eligible for a certificate of registration as a land surveyor on or after July 1,  
 12 2013, an applicant must meet the following minimum requirements:

13 (1) Obtain certification as a land surveyor-in-training under paragraphs (1) and (2) of  
 14 subsection (b) of Code Section 43-15-12;

15 (2) Acquire a specific record of the equivalent of not less than four years of combined  
 16 office and field experience in land surveying with a minimum of three years' experience  
 17 in responsible charge of land surveying projects under the supervision of a registered land  
 18 surveyor or such other supervision deemed by the board to be the equivalent thereof; and

19 (3) Subsequently pass a written examination on the principles and practices of land  
 20 surveying, prepared and graded by the National Council of Examiners for Engineering  
 21 and Surveying (NCEES), or any other examination as may be approved and required by  
 22 the state board, and a written examination on the laws of Georgia relating to land  
 23 surveying (land surveyor examination)."

## 24 SECTION 5.

25 All laws and parts of laws in conflict with this Act are repealed.